



***R-32 High-Efficiency Air Conditioner  
Packaged Rooftop Unit  
DHC Commercial  
7.5 - 12.5 Nominal Tons  
Up to 17.5 IEER / 12.5 EER***



\* Complete warranty details available from your local distributor or manufacturer's representative  
or at [www.daikincomfort.com](http://www.daikincomfort.com) or [www.daikinac.com](http://www.daikinac.com)

A woman with blonde hair tied in a bun, wearing a light-colored business suit, is looking down at a clipboard she is holding. She is standing on a staircase with a metal railing. The background is slightly blurred, showing the steps of the staircase.

# Our Perfect Package:

Harnessing energy-efficient performance, proven technology, and enhanced comfort for life.

Since becoming the first company in Japan to manufacture packaged air conditioning systems, in 1951, Daikin has supported comfortable indoor living based on the strengths and technologies that have led to the growth of the company becoming one of the world's largest manufacturers of HVAC products, systems and refrigerants.

Today, as a comprehensive global manufacturer of HVAC products and systems, the Daikin brand is committed to being recognized as a truly global and excellent company capable of continually creating new value for its customers. The company plans to pursue sustainable growth and foster business operations that consistently harmonize with the goals of improving indoor comfort.

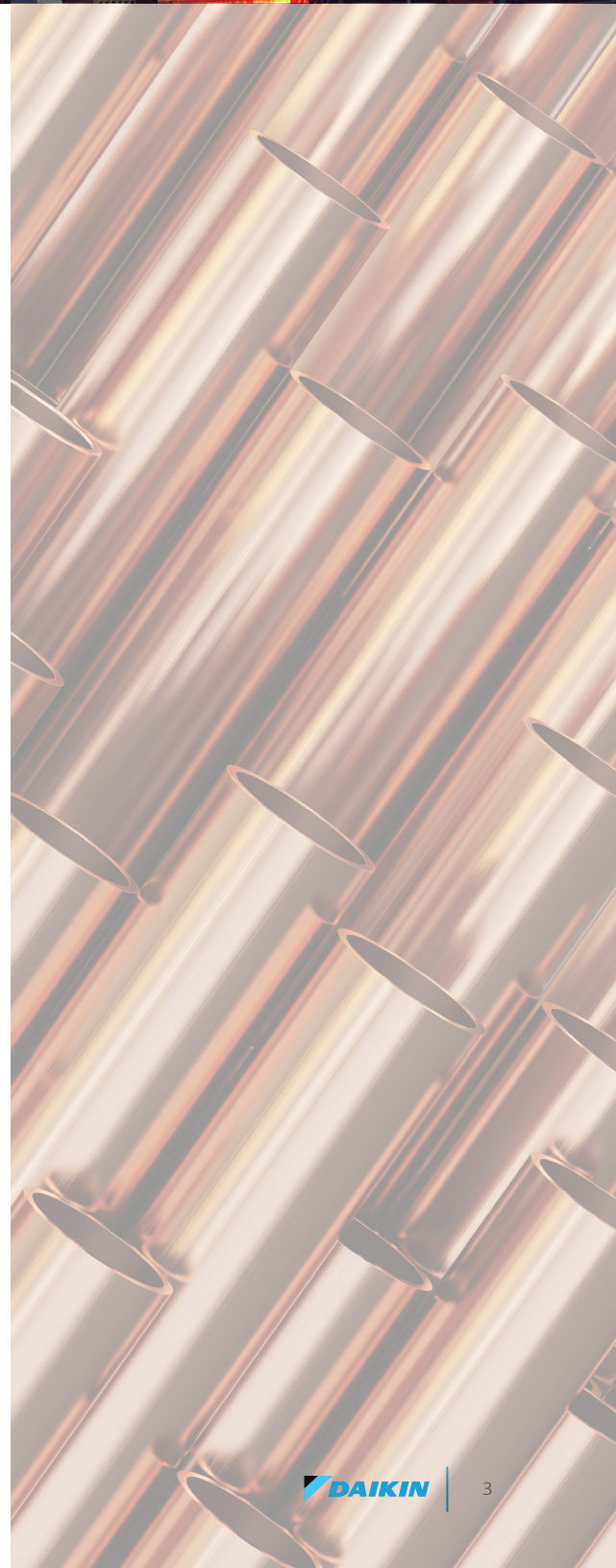
The group philosophy of the company includes:

- » Creating new value continuously for customers
- » Developing world leading energy-saving technology
- » Being a flexible and dynamic organization
- » Allowing employees to be the driving force for the success of the company
- » Fostering an atmosphere of best practices, boldness, and innovation
- » Thinking and acting globally



## Contents

|           |                               |           |
|-----------|-------------------------------|-----------|
| <b>2</b>  | <b>Introduction</b>           | <b>2</b>  |
| <b>4</b>  | <b>Nomenclature</b>           | <b>4</b>  |
| <b>5</b>  | <b>Features and Benefits</b>  | <b>5</b>  |
|           | Applications                  | 8         |
|           | Serviceability                | 8         |
| <b>9</b>  | <b>Product Specifications</b> | <b>9</b>  |
|           | Coil Dimension                | 15        |
|           | AHRI Ratings                  | 15        |
|           | Sound Data                    | 15        |
| <b>16</b> | <b>Dimensional Data</b>       | <b>16</b> |
| <b>17</b> | <b>Expanding Cooling Data</b> | <b>17</b> |
| <b>23</b> | <b>Electric Heating Data</b>  | <b>23</b> |
| <b>24</b> | <b>Air Flow</b>               | <b>24</b> |
| <b>40</b> | <b>DDC Air Flow</b>           | <b>40</b> |
| <b>55</b> | <b>Static Pressure</b>        | <b>55</b> |
| <b>56</b> | <b>Electrical Data</b>        | <b>56</b> |
| <b>74</b> | <b>Wiring Diagrams</b>        | <b>74</b> |
| <b>80</b> | <b>Electrical Connections</b> | <b>80</b> |
|           | Unit Clearances               | 80        |
| <b>81</b> | <b>Installation</b>           | <b>81</b> |
|           | Weights                       | 81        |



# Nomenclature

|                                                                            | D   | H             | C        | 120   | 7 | S | 400     | C  | A  | A  | X  | X  | X  | X  | X  | X  | X  | A  | *     |
|----------------------------------------------------------------------------|-----|---------------|----------|-------|---|---|---------|----|----|----|----|----|----|----|----|----|----|----|-------|
|                                                                            | 1   | 2             | 3        | 4,5,6 | 7 | 8 | 9,10,11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 24 |
| <b>Brand</b>                                                               | D   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| D Daikin                                                                   |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Configuration</b>                                                       | S   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| S R 32 Standard Efficiency                                                 |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| H R 32 High Efficiency                                                     |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Application</b>                                                         | C   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C Cooling                                                                  |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| G Gas Heat                                                                 |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| H Heat Pump                                                                |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Nominal Cooling Capacity</b>                                            |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 036 3 Tons                                                                 | 102 | 8½ Tons       |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 048 4 Tons                                                                 | 120 | 10 Tons       |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 060 5 Tons                                                                 | 150 | 12½ tons      |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 072 6 Tons                                                                 | 180 | 15 Tons       |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 090 7½ Tons                                                                | 240 | 20 Tons       |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
|                                                                            | 300 | 25 Tons       |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Voltage</b>                                                             | 1   | 4             |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 1 208-230/1/60                                                             |     | 460/3/60      |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 3 208-230/3/60                                                             |     | 575/3/60      |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Supply Fan/Drive Type/Motor</b>                                         | D   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| D Direct Drive - Standard Static                                           |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| L Direct Drive -Medium Static                                              |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| W Direct Drive - High Static                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Nominal Heating Capacity</b>                                            |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>AC Field and Factory-Installed Electric Heat</b>                        |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 045 45,000 BTU/h                                                           | 240 | 240,000 BTU/h |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 060 60,000 BTU/h                                                           | 260 | 260,000 BTU/h |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 070 70,000 BTU/h                                                           | 350 | 350,000 BTU/h |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 080 80,000 BTU/h                                                           | 360 | 360,000 BTU/h |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 090 90,000 BTU/h                                                           | 400 | 400,000 BTU/h |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 100 100,000 BTU/h                                                          | 480 | 480,000 BTU/h |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 115 115,000 BTU/h                                                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 125 125,000 BTU/h                                                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 130 130,000 BTU/h                                                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 140 140,000 BTU/h                                                          | XXX | No Heat       |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 150 150,000 BTU/h                                                          | 005 | 5kW           | 03030 kW |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 180 180,000 BTU/h                                                          | 010 | 10 kW         | 04545 kW |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 210 210,000 BTU/h                                                          | 015 | 15 kW         | 06060 kW |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| 225 225,000 BTU/h                                                          | 020 | 20 kW         | 07575kW  |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>A/C H/P Factory-Installed Electric Heat</b>                             |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
|                                                                            |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Refrigeration Systems</b>                                               | A   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| A Single stage cooling modes                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C Two stage cooling modes                                                  |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| F Two stage cooling modes with Hot Gas Reheat and Low-ambient control      |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| G Single stage cooling mode with Low-ambient controller                    |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| H Two stage cooling mode with Low-ambient controller                       |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Heat Exchanger</b>                                                      | X   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| A Standard Aluminized Exchanger                                            |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| S Stainless Steel Exchanger                                                |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| U Ultra Low Nox                                                            |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Controls</b>                                                            | A   |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| A Electromechanical controls                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C DDC w/ BACnet™ interface                                                 |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Revision Levels</b>                                                     |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| Major & Minor                                                              |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>No Options</b>                                                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>ERW, PE Connection</b>                                                  |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No Options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| B Single-point power connection for Power Exhaust                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>IAQ</b>                                                                 |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No Options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Service Options</b>                                                     |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No Options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| A Powered convenience outlet                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| B Non-powered convenience outlet                                           |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C Hinge Panels                                                             |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| D Hinged Panels and Powered convenience outlet                             |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| E Hinged Panels and non-powered convenience outlet                         |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Electrical</b>                                                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No Options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| A Non-Fused Disconnect                                                     |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| B Phase Monitor                                                            |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C Thru-the-base connections                                                |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| E Non-Fused Disconnect and Phase Monitor                                   |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| F Non-Fused Disconnect and Thru-the-base connections                       |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| H Phase Monitor and Thru-the-base connections                              |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| L Non-Fused Disconnect, Thru-the-base connections and Phase Monitor        |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Economizer</b>                                                          |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No Options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| A Ultra Low-Leak Downflow Economizer w/ Enthalpy Sensor                    |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C Ultra Low-Leak Internal Horizontal Economizer w/ Enthalpy Sensor         |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| E Ultra Low-Leak Downflow Economizer for DDC controls w/ Enthalpy Sensor   |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| F Ultra Low-Leak Horizontal Economizer for DDC controls w/ Enthalpy Sensor |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| G Ultra Low-Leak Downflow Economizer w/ Dry Bulb Sensor                    |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| J Ultra Low-Leak Internal Horizontal Economizer w/ Dry Bulb Sensor         |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| L Ultra Low-Leak Downflow Economizer for DDC controls w/ Dry Bulb Sensor   |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| M Ultra Low-Leak Horizontal Economizer for DDC controls w/ Dry Bulb Sensor |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Coils, Hail guard</b>                                                   |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| X No Options                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| C Hail Guard                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| <b>Sensors</b>                                                             |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| D R32 Sensor                                                               |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| E RA Smoke Detector                                                        |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| F SA Smoke Detector                                                        |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |
| G RA & SA Smoke Detector                                                   |     |               |          |       |   |   |         |    |    |    |    |    |    |    |    |    |    |    |       |

See product specifications for heat size(s) available for each capacity.

| G / E Stocking Models          |                           |
|--------------------------------|---------------------------|
| Daikin 7.5-12.5 Ton Belt-Drive |                           |
| MODEL NUMBER                   | CODE STRING               |
| DHC0903D000001S                | DHC0903DXXXCXADXXXXXXXXAA |
| DHC0904D000001S                | DHC0904DXXXCXADXXXXXXXXAA |
| DHC0907D000001S                | DHC0907DXXXCXADXXXXXXXXAA |
| DHC1023D000001S                | DHC1023DXXXCXADXXXXXXXXAA |
| DHC1024D000001S                | DHC1024DXXXCXADXXXXXXXXAA |
| DHC1027D000001S                | DHC1027DXXXCXADXXXXXXXXAA |
| DHC1203D000001S                | DHC1203DXXXCXADXXXXXXXXAA |
| DHC1204D000001S                | DHC1204DXXXCXADXXXXXXXXAA |
| DHC1207D000001S                | DHC1207DXXXCXADXXXXXXXXAA |
| DHC1503D000001S                | DHC1503DXXXCXADXXXXXXXXAA |
| DHC1504D000001S                | DHC1504DXXXCXADXXXXXXXXAA |
| DHC1507D000001S                | DHC1507DXXXCXADXXXXXXXXAA |
| DHC1503W000001F                | DHC1503WXXXCXADXXXXXXXXAA |
| DHC1504W000001F                | DHC1504WXXXCXADXXXXXXXXAA |
| DHC1507W000001F                | DHC1507WXXXCXADXXXXXXXXAA |

Daikin Packaged Rooftop Units (RTUs) are built to perform, with features and options that help provide low installation and operation costs, superior indoor air quality, efficient operation, and longevity.

### Installation

Daikin Packaged units are designed with fast and easy installation in mind and are ideal for both new construction and retrofit projects. Our packaged rooftop units are built to be a direct replacement for most rooftop units on the field without the need of a curb adapter, to be able to replace the unit in a shorter time and at a lower cost (compared to the previous design).

### Cabinet Construction

Daikin packaged rooftop units are made with high quality galvanized steel with a powder-paint finish to provide higher corrosion resistance.

- » Easy accessibility using our tool-less filter access
- » The interior surface in the indoor air section is fully insulated to prevent sweating and thermal losses, using our foil face fiberglass insulation which also omits exposed filter fibers into the airstream.
- » 1" Raised flanged edges around the supply and return offer easy installation for the duct connections.

- » The full perimeter base rail is built using heavy gauge galvanized steel for a stronger structural installation. The base rails are a minimum of 3½" tall and include holes to allow for overhead rigging and lifting with forklifts.

- » Electrical lines and gas lines can be brought through the base of the unit or through the horizontal knockout for easy installation and accessibility on the field.

### Compressor

High performance, low noise scroll compressors to match the required total load.

- » Resiliently factory-mounted on rubber grommets for vibration isolation
- » Refrigeration circuit includes both low- and high-pressure transducer, high pressure safety switch and temperature sensors for the suction and discharge lines.
- » Unit is factory charged with environmentally friendly low GWP R-32 refrigerant.
- » Compressor location outside the condenser section to avoid air bypass.
- » Internal overload protection included with compressor.
- » Dual single-stage scroll compressor for partial load applications.

### Supply Fan

The direct-drive with airfoil single width, single inlet (SWSI) Class II construction supply fan with aluminum fan +blades provides efficient and quiet operation at wide ranging static pressure and air flow requirements.

- » Fan wheel is continuously welded to the hub plate and end rim for long lasting reliable operation.
- » Direct-drive ECM motor removes the need for belts, sheaves, or bearings and its permanently lubricated motors provides low maintenance cost.
- » Each fan assembly is dynamically trim balanced at the factory before shipment for quick start-up and efficient operation.
- » Electromechanical integrated controls modulate the supply fan motor
- » Motor with thermal overload is provided for motor long lasting operation.

### Coils

All units use large face area outdoor coils. These coils are constructed with seamless copper tubes, mechanically bonded into aluminum plate-type fins with full drawn collars to completely cover the tubes for high operating efficiencies.



## Features and Benefits

---

The indoor coil section is installed in a draw through configuration to provide better dehumidification.

- » Coils are factory pressure tested to ensure pressure and leak integrity.
- » Copper tube / aluminum fin coils on condenser and evaporator
- » 5mm Smart Coil Technology on all condenser coils for improved performance and reduced refrigerant load.

### Controls and Wiring

Packaged rooftop units come equipped with a well-organized, large, easy to use, weatherproof internal control box with easy access, for a better user experience.

- » Units are factory-wired with labeled color-coded wires and complete 24-volt Electromechanical controls package.
- » Terminal blocks are provided as standard for easy installation and field power wiring.
- » The Daikin iLINQ Controller is a factory-installed solution to provide intelligent control for Daikin Light Commercial rooftop units\* (RTUs). iLINQ provides physical inputs and outputs to control and monitor the RTU and features a graphic web interface for remote access (via a computer or tablet). Equipped with built-in BACnet™ IP and MS/TP interface or it can be used with an optional LonWorks® card that is available to integrate the Daikin RTU with building automation systems (BMS).

### Filtration

Unit provides a draw-through filter section as standard for better air quality and long lasting component maintenance.

- » Filters installed on the units are standard off the shelf sizes for easy replacement.
- » One size filter per unit for low maintenance cost and easy replacement.
- » Tool-less filter access for easy and fast filter replacement and service.

### Heating Section

Wide ranging of electric heat selections effectively handle most comfort heating demand from morning warm-up control to full heat.

### Electric Heat

ETL approved electric heat is factory assembled, installed and tested.

- » Heating control is fully integrated into the unit's control system for quick start-up and reliable control.
- » Durable low watt density, nickel chromium elements provide longer life (compared to units without)..

- » Fuses are provided in each branch circuit to a maximum of 48 Amps per NEC requirements.
- » Single-point power connection reduces installation cost.
- » For operational safeties electric heat includes automatic reset, and high temperature limit safety protection and an airflow safety switch to prevent electric heat operation in the event of no airflow.

### Electrical

Units are completely wired and tested at the factory to provide faster commissioning and start-up.

- » Wiring complies with NEC requirements and all applicable UL standards.
- » For ease of use, wiring and electrical components are number coded and labeled according to the electrical diagram.
- » A 115 V GFI convenience outlet requiring independent power supply for the receptacle is optional.
- » An optional unit powered 20 amp 115 V convenience outlet, complete with factory mounted transformer, disconnect switch, and primary and secondary overload protection, eliminates the need to pull a separate 115 V power source.
- » Supply air fan, compressor, and condenser fan motor branch circuits have individual short circuit protection. Unit includes knockouts in the bottom of the main control panels for field wiring entrance.
- » A single-point power connection with power block is standard and a terminal board is provided for connecting low voltage control wiring.
- » For better serviceability an optional non-fused disconnect switch can be installed inside the control panel and operated by an externally mounted handle to disconnect the electrical power at the unit.

### Daikin Modulating Hot Gas Reheat Dehumidification

Using a space sensor in conjunction with the Daikin iLINQ Controller and Reheat Module, the unit can initiate a Dehumidification Mode as the space humidity rises above setpoint. In this mode, the modulating valve diverts a percentage of the hot gas to the reheat coil as required in order to maintain supply air temperature requirements while lowering the space relative humidity. The modulating valve system allows smooth transition into dehumidification and longer run time at a steady supply air temperature. The indoor fan will operate at high and low speed during dehumidification mode.



### Applications

Daikin Rooftop units are intended for comfort cooling applications in normal heating, ventilating, and air conditioning. Consult your local Daikin sales representative for applications involving operations at high ambient temperatures, high altitudes, non-cataloged voltages, or for job-specific unit selections that fall outside of the range of the catalog tables.

For proper operation, units should be rigged in accordance with instructions stated on the installation manual. Fire dampers, if required, must be installed in the ductwork according to local and/or state codes. No space is allowed for these dampers in the unit.

Follow factory check, test and start procedures explicitly to achieve satisfactory start-up and operation.

Most rooftop applications take advantage of the significant energy savings provided with economizer operation. When an economizer system is used, mechanical refrigeration is typically not required below an ambient temperature of 50°F.

### Serviceability

Daikin packaged rooftop units are built with serviceability in mind, designed to make future maintenance and service on the unit easy and accessible.

- » Our packaged rooftop units offer a slide out blower to facilitate the access and removal of the fan.
- » Filter panels on the small chassis line offer tool-less access for easy maintenance.
- » Independent compressor outside of the air bypass to eliminate component blockage and provide easy access.
- » Labeled field connections, color coded and continuously marked wire to identify point-to-point component connections.
- » All 7.5- 12.5 ton units are designed for convertible airflow orientation to serve downflow or horizontal applications. Every unit ships prepared to convert to horizontal orientation in the field if required.
- » Condenser clean out from inside-out.
- » Easy access to gas valves and control panel.



| Model                                        | DHC0903D000001S | DHC0904D000001S | DHC0907D000001S |
|----------------------------------------------|-----------------|-----------------|-----------------|
| <b>COOLING CAPACITY</b>                      |                 |                 |                 |
| Total, BTU/h                                 | 90,000          | 90,000          | 90,000          |
| IEER / EER                                   | 17.5/12.5       | 17.5/12.5       | 17.5/12.5       |
| AHRI Reference #                             | 216436797       | 216436798       | 216436799       |
| <b>EVAPORATOR MOTOR COIL</b>                 |                 |                 |                 |
| Motor Type                                   | DIRECT DRIVE    | DIRECT DRIVE    | DIRECT DRIVE    |
| External Static Pressure (ESP)               | STANDARD        | STANDARD        | STANDARD        |
| Wheel Dia. X Width                           | Ø15.12 X 12.62  | Ø15.12 X 12.62  | Ø15.12 X 12.62  |
| Indoor Nominal CFM                           | 3000            | 3000            | 3000            |
| RPM                                          | 300-1600        | 300-1600        | 300-1600        |
| Indoor Horsepower                            | 1.7             | 1.7             | 1.7             |
| Filter Size (in)                             | 16X25X2 (4)     | 16X25X2 (4)     | 16X25X2 (4)     |
| Drain Size (NPT)                             | ¾               | ¾               | ¾               |
| R-32 Refrigerant Charge (oz.)                | 122.4/115       | 122.4/115       | 122.4/115       |
| Evaporator Coil Face Area (ft²)              | 12.8            | 12.8            | 12.8            |
| Rows Deep/ Fins per Inch                     | 4/16            | 4/16            | 4/16            |
| <b>CONDENSER FAN/COIL</b>                    |                 |                 |                 |
| Quantity of Condenser Fan Motors             | 2               | 2               | 2               |
| RPM (High/Low stage)                         | 1122            | 1050            | 1050            |
| Outdoor Horsepower                           | 1/3             | 1/3             | 1/3             |
| Fan Diameter/ # Fan Blades                   | 22/3            | 22/3            | 22/3            |
| Face Area (ft²)                              | 35.3            | 35.3            | 35.3            |
| Rows Deep / Fins per Inch                    | 2/28±1          | 2/28±1          | 2/28±1          |
| <b>COMPRESSOR (ALL SINGLE-STAGE)</b>         |                 |                 |                 |
| Quantity / Type / Stages                     | 2/SCROLL/1      | 2/SCROLL/1      | 2/SCROLL/1      |
| Compressor RLA / LRA                         | 12.2/120        | 5.8/55.1        | 5.8/41.0        |
| <b>ELECTRICAL DATA</b>                       |                 |                 |                 |
| Voltage-Phase-Frequency                      | 208/230-3-60    | 460-3-60        | 575-3-60        |
| Indoor Blower FLA                            | 5.8             | 4               | 2.9             |
| Max External Static (In. W.C.)               | 0.8             | 0.8             | 0.8             |
| Outdoor Fan FLA                              | 2               | 0.85            | 0.67            |
| Min. Circuit Ampacity <sup>1</sup>           | 37.2/37.2       | 18.7            | 17.2            |
| Max. Overcurrent Protection (A) <sup>2</sup> | 45/45           | 20              | 20              |
| Power Supply Conduit Hole Dia. (in)          | 1.375           | 1.375           | 1.375           |
| Low-Voltage Conduit Hole Dia. (in)           | 0.875           | 0.875           | 0.875           |
| <b>OPERATING WEIGHT (LBS.)</b>               |                 |                 |                 |
| Operating Weight (lbs)                       | 1155            | 1155            | 1155            |
| <b>SHIPPING WEIGHT (LBS.)</b>                |                 |                 |                 |
| Ship Weight (lbs)                            | 1215            | 1215            | 1215            |

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

| Model                                        | DHC1023D000001S       | DHC1024D000001S       | DHC1027D000001S       |
|----------------------------------------------|-----------------------|-----------------------|-----------------------|
| <b>COOLING CAPACITY</b>                      |                       |                       |                       |
| Total, BTU/h                                 | 102,000               | 102,000               | 102,000               |
| IEER / EER                                   | 17.5/12.5             | 17.5/12.5             | 17.5/12.5             |
| AHRI Reference #                             | 216436800             | 216436801             | 216436802             |
| <b>EVAPORATOR MOTOR COIL</b>                 |                       |                       |                       |
| Motor Type                                   | DIRECT DRIVE          | DIRECT DRIVE          | DIRECT DRIVE          |
| External Static Pressure (ESP)               | STANDARD              | STANDARD              | STANDARD              |
| Wheel Dia. X Width                           | Ø15.12 X 12.62        | Ø15.12 X 12.62        | Ø15.12 X 12.62        |
| Indoor Nominal CFM                           | 3025                  | 3025                  | 3025                  |
| RPM                                          | 300-1600              | 300-1600              | 300-1600              |
| Indoor Horsepower                            | 2.4                   | 2.4                   | 2.4                   |
| Filter Size (in)                             | 20x25x2(2) 25x25x2(2) | 20x25x2(2) 25x25x2(2) | 20x25x2(2) 25x25x2(2) |
| Drain Size (NPT)                             | ¾                     | ¾                     | ¾                     |
| R-32 Refrigerant Charge (oz.)                | 123/124               | 123/124               | 123/124               |
| Evaporator Coil Face Area (ft²)              | 16.6                  | 16.6                  | 16.6                  |
| Rows Deep/ Fins per Inch                     | 4/16                  | 4/16                  | 4/16                  |
| <b>CONDENSER FAN/COIL</b>                    |                       |                       |                       |
| Quantity of Condenser Fan Motors             | 2                     | 2                     | 2                     |
| RPM (High/Low stage)                         | 1122                  | 1050                  | 1050                  |
| Outdoor Horsepower                           | 1/3                   | 1/3                   | 1/3                   |
| Fan Diameter/ # Fan Blades                   | 22/3                  | 22/3                  | 22/3                  |
| Face Area (ft²)                              | 35.3                  | 35.3                  | 35.3                  |
| Rows Deep / Fins per Inch                    | 2/28±1                | 2/28±1                | 2/28±1                |
| <b>COMPRESSOR (ALL SINGLE-STAGE)</b>         |                       |                       |                       |
| Quantity / Type / Stages                     | 2/SCROLL/1            | 2/SCROLL/1            | 2/SCROLL/1            |
| Compressor RLA / LRA                         | 14.1/120.4            | 6.4/55.1              | 5.1/41.0              |
| <b>ELECTRICAL DATA</b>                       |                       |                       |                       |
| Voltage-Phase-Frequency                      | 208/230-3-60          | 460-3-60              | 575-3-60              |
| Indoor Blower FLA                            | 8                     | 5.4                   | 4                     |
| Max External Static (In. W.C.)               | 0.8                   | 0.8                   | 0.8                   |
| Outdoor Fan FLA                              | 2                     | 0.85                  | 0.67                  |
| Min. Circuit Ampacity <sup>1</sup>           | 43.7/43.7             | 21.5                  | 16.9                  |
| Max. Overcurrent Protection (A) <sup>2</sup> | 50/50                 | 25                    | 20                    |
| Power Supply Conduit Hole Dia. (in)          | 1.375                 | 1.375                 | 1.375                 |
| Low-Voltage Conduit Hole Dia. (in)           | 0.875                 | 0.875                 | 0.875                 |
| <b>OPERATING WEIGHT (LBS.)</b>               |                       |                       |                       |
| Operating Weight (lbs)                       | 1176                  | 1176                  | 1176                  |
| <b>SHIPPING WEIGHT (LBS.)</b>                |                       |                       |                       |
| Ship Weight (lbs)                            | 1234                  | 1234                  | 1234                  |

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

| Model                                        | DHC1203D000001S       | DHC1204D000001S       | DHC1207D000001S       |
|----------------------------------------------|-----------------------|-----------------------|-----------------------|
| <b>COOLING CAPACITY</b>                      |                       |                       |                       |
| Total, BTU/h                                 | 116,000               | 116,000               | 116,000               |
| IEER / EER                                   | 17/12.5               | 17/12.5               | 17/12.5               |
| AHRI Reference #                             | 216436803             | 216436804             | 216436805             |
| <b>EVAPORATOR MOTOR COIL</b>                 |                       |                       |                       |
| Motor Type                                   | DIRECT DRIVE          | DIRECT DRIVE          | DIRECT DRIVE          |
| External Static Pressure (ESP)               | STANDARD              | STANDARD              | STANDARD              |
| Wheel Dia. X Width                           | Ø15.12 X 15.00        | Ø15.12 X 15.00        | Ø15.12 X 15.00        |
| Indoor Nominal CFM                           | 3500                  | 3500                  | 3500                  |
| RPM                                          | 300-1600              | 300-1600              | 300-1600              |
| Indoor Horsepower                            | 2.4                   | 2.4                   | 2.4                   |
| Filter Size (in)                             | 20x25x2(2) 25x25x2(2) | 20x25x2(2) 25x25x2(2) | 20x25x2(2) 25x25x2(2) |
| Drain Size (NPT)                             | ¾                     | ¾                     | ¾                     |
| R-32 Refrigerant Charge (oz.)                | 142/146               | 142/146               | 142/146               |
| Evaporator Coil Face Area (ft²)              | 16.6                  | 16.6                  | 16.6                  |
| Rows Deep/ Fins per Inch                     | 4/16                  | 4/16                  | 4/16                  |
| <b>CONDENSER FAN/COIL</b>                    |                       |                       |                       |
| Quantity of Condenser Fan Motors             | 2                     | 2                     | 2                     |
| RPM (High/Low stage)                         | 1122                  | 1050                  | 1050                  |
| Outdoor Horsepower                           | 1/3                   | 1/3                   | 1/3                   |
| Fan Diameter/ # Fan Blades                   | 22/3                  | 22/3                  | 22/3                  |
| Face Area (ft²)                              | 39.6                  | 39.6                  | 39.6                  |
| Rows Deep / Fins per Inch                    | 2/28±1                | 2/28±1                | 2/28±1                |
| <b>COMPRESSOR (ALL SINGLE-STAGE)</b>         |                       |                       |                       |
| Quantity / Type / Stages                     | 2/SCROLL/1            | 2/SCROLL/1            | 2/SCROLL/1            |
| Compressor RLA / LRA                         | 15.4/156.4            | 7.7/69.0              | 6.4/47.8              |
| <b>ELECTRICAL DATA</b>                       |                       |                       |                       |
| Voltage-Phase-Frequency                      | 208/230-3-60          | 460-3-60              | 575-3-60              |
| Indoor Blower FLA                            | 8                     | 5.4                   | 4                     |
| Max External Static (In. W.C.)               | 0.8                   | 0.8                   | 0.8                   |
| Outdoor Fan FLA                              | 2                     | 0.85                  | 0.67                  |
| Min. Circuit Ampacity <sup>1</sup>           | 46.6/46.6             | 24.4                  | 19.7                  |
| Max. Overcurrent Protection (A) <sup>2</sup> | 60/60                 | 30                    | 25                    |
| Power Supply Conduit Hole Dia. (in)          | 1.375                 | 1.375                 | 1.375                 |
| Low-Voltage Conduit Hole Dia. (in)           | 0.875                 | 0.875                 | 0.875                 |
| <b>OPERATING WEIGHT (LBS.)</b>               |                       |                       |                       |
| Operating Weight (lbs)                       | 1195                  | 1195                  | 1195                  |
| <b>SHIPPING WEIGHT (LBS.)</b>                |                       |                       |                       |
| Ship Weight (lbs)                            | 1252                  | 1252                  | 1252                  |

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

| Model                                        | DHC1503D000001S | DHC1504D000001S | DHC1507D000001S | DHC1503W000001F | DHC1504W000001F | DHC1507W000001F |
|----------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
| <b>COOLING CAPACITY</b>                      |                 |                 |                 |                 |                 |                 |
| Total, BTU/h                                 | 138,000         | 138,000         | 138,000         | 138,000         | 138,000         | 138,000         |
| IEER / EER                                   | 16/12           | 16/12           | 16/12           | 16/12           | 16/12           | 16/12           |
| AHRI Reference #                             | 216436806       | 216436807       | 216436808       | 216436806       | 216436807       | 216436808       |
| <b>EVAPORATOR MOTOR COIL</b>                 |                 |                 |                 |                 |                 |                 |
| Motor Type                                   | DIRECT DRIVE    | DIRECT DRIVE    | DIRECT DRIVE    | DIRECT DRIVE    | DIRECT DRIVE    | DIRECT DRIVE    |
| External Static Pressure (ESP)               | STANDARD        | STANDARD        | STANDARD        | HIGH            | HIGH            | HIGH            |
| Wheel Dia. X Width                           | Ø15.12 X 15.00  | Ø15.12 X 15.00  | Ø15.12 X 15.00  | Ø15.12 X 15.00  | Ø15.12 X 15.00  | Ø15.12 X 15.00  |
| Indoor Nominal CFM                           | 3800            | 3800            | 3800            | 3800            | 3800            | 3800            |
| RPM                                          | 300-1600        | 300-1600        | 300-1600        | 300-1600        | 300-1600        | 300-1600        |
| Indoor Horsepower                            | 3.5             | 3.5             | 3.5             | 5.0             | 5.0             | 5.0             |
| Filter Size (in)                             | 25x25x2(4)      | 25x25x2(4)      | 25x25x2(4)      | 25x25x2(4)      | 25x25x2(4)      | 25x25x2(4)      |
| Drain Size (NPT)                             | ¾               | ¾               | ¾               | ¾               | ¾               | ¾               |
| R-32 Refrigerant Charge (oz.)                | 148/147         | 148/147         | 148/147         | 148/147         | 148/147         | 148/147         |
| Evaporator Coil Face Area (ft²)              | 19.1            | 19.1            | 19.1            | 19.1            | 19.1            | 19.1            |
| Rows Deep/ Fins per Inch                     | 4/16            | 4/16            | 4/16            | 4/16            | 4/16            | 4/16            |
| <b>CONDENSER FAN/COIL</b>                    |                 |                 |                 |                 |                 |                 |
| Quantity of Condenser Fan Motors             | 2               | 2               | 2               | 2               | 2               | 2               |
| RPM (High/Low stage)                         | 1150            | 1150            | 1150            | 1150            | 1150            | 1150            |
| Outdoor Horsepower                           | 1/3             | 1/3             | 1/3             | 1/3             | 1/3             | 1/3             |
| Fan Diameter/ # Fan Blades                   | 22/3            | 22/3            | 22/3            | 22/3            | 22/3            | 22/3            |
| Face Area (ft²)                              | 43.8            | 43.8            | 43.8            | 43.8            | 43.8            | 43.8            |
| Rows Deep / Fins per Inch                    | 2/28±1          | 2/28±1          | 2/28±1          | 2/28±1          | 2/28±1          | 2/28±1          |
| <b>COMPRESSOR (ALL SINGLE-STAGE)</b>         |                 |                 |                 |                 |                 |                 |
| Quantity / Type / Stages                     | 2/SCROLL/1      | 2/SCROLL/1      | 2/SCROLL/1      | 2/SCROLL/1      | 2/SCROLL/1      | 2/SCROLL/1      |
| Compressor RLA / LRA                         | 19.2/156.5      | 9/74.8          | 7.1/53.9        | 19.2/156.5      | 9/74.8          | 7.1/53.9        |
| <b>ELECTRICAL DATA</b>                       |                 |                 |                 |                 |                 |                 |
| Voltage-Phase-Frequency                      | 208/230-3-60    | 460-3-60        | 575-3-60        | 208/230-3-60    | 460-3-60        | 575-3-60        |
| Indoor Blower FLA                            | 10.9            | 7.2             | 5               | 14.5            | 10.6            | 7.2             |
| Max External Static (In. W.C.)               | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             | 0.8             |
| Outdoor Fan FLA                              | 3.5             | 2               | 1.54            | 3.5             | 2               | 1.54            |
| Min. Circuit Ampacity <sup>1</sup>           | 61.1/61.1       | 30.6            | 23.9            | 64.7/64.7       | 34.0            | 26.1            |
| Max. Overcurrent Protection (A) <sup>2</sup> | 80/80           | 35              | 30              | 80/80           | 40              | 30              |
| Power Supply Conduit Hole Dia. (in)          | 1.375           | 1.375           | 1.375           | 1.375           | 1.375           | 1.375           |
| Low-Voltage Conduit Hole Dia. (in)           | 0.875           | 0.875           | 0.875           | 0.875           | 0.875           | 0.875           |
| <b>OPERATING WEIGHT (LBS.)</b>               |                 |                 |                 |                 |                 |                 |
| Operating Weight (lbs)                       | 1218            | 1218            | 1218            | 1218            | 1218            | 1218            |
| <b>SHIPPING WEIGHT (LBS.)</b>                |                 |                 |                 |                 |                 |                 |
| Ship Weight (lbs)                            | 1277            | 1277            | 1277            | 1277            | 1277            | 1277            |

<sup>1</sup> Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

<sup>2</sup> May use fuses or HACR-type circuit breakers of the same size as noted.

Note: Always check the S&R plate for electrical data on the unit being installed.

### Coil Dimensions

| Model | Tons | Indoor         |                |             | Outdoor        |                |             |
|-------|------|----------------|----------------|-------------|----------------|----------------|-------------|
|       |      | Fin height in. | Fin length in. | Area (Ft^2) | Fin height in. | Fin length in. | Area (Ft^2) |
| DHC   | 7.5  | 34.6           | 53.1           | 12.8        | 47.9           | 53.1           | 35.3        |
|       | 8.5  | 45.0           | 53.1           | 16.6        | 47.9           | 53.1           | 35.3        |
|       | 10   | 45.0           | 53.1           | 16.6        | 47.9           | 59.6           | 39.6        |
|       | 12.5 | 52.0           | 53.1           | 19.1        | 52.9           | 59.6           | 43.8        |

### AHRI Ratings

| MODEL  | CAPACITY | EER  | IEER |
|--------|----------|------|------|
| DHC090 | 90,000   | 12.5 | 17.5 |
| DHC102 | 102,000  | 12.5 | 17.5 |
| DHC120 | 116,000  | 12.5 | 17   |
| DHC150 | 138,000  | 12   | 16   |

### Sound Data

| Model | OUTDOOR SOUND (dB) AT 60 Hz |      |      |      |      |      |      |      |      |
|-------|-----------------------------|------|------|------|------|------|------|------|------|
|       | A-Weighted                  | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| 090   | 82.9                        | 84.1 | 82   | 79.7 | 77.6 | 75.2 | 71.7 | 69   | 69   |
| 102   | 80.2                        | 81.1 | 78.7 | 77.1 | 76.1 | 70.8 | 66.5 | 64.1 | 64.1 |
| 120   | 81.8                        | 82.8 | 81.9 | 79.1 | 76.9 | 72.9 | 68.3 | 66   | 66   |
| 150   | 85                          | 75.8 | 76.4 | 78.5 | 78.2 | 77.7 | 74.7 | 70.4 | 64.7 |

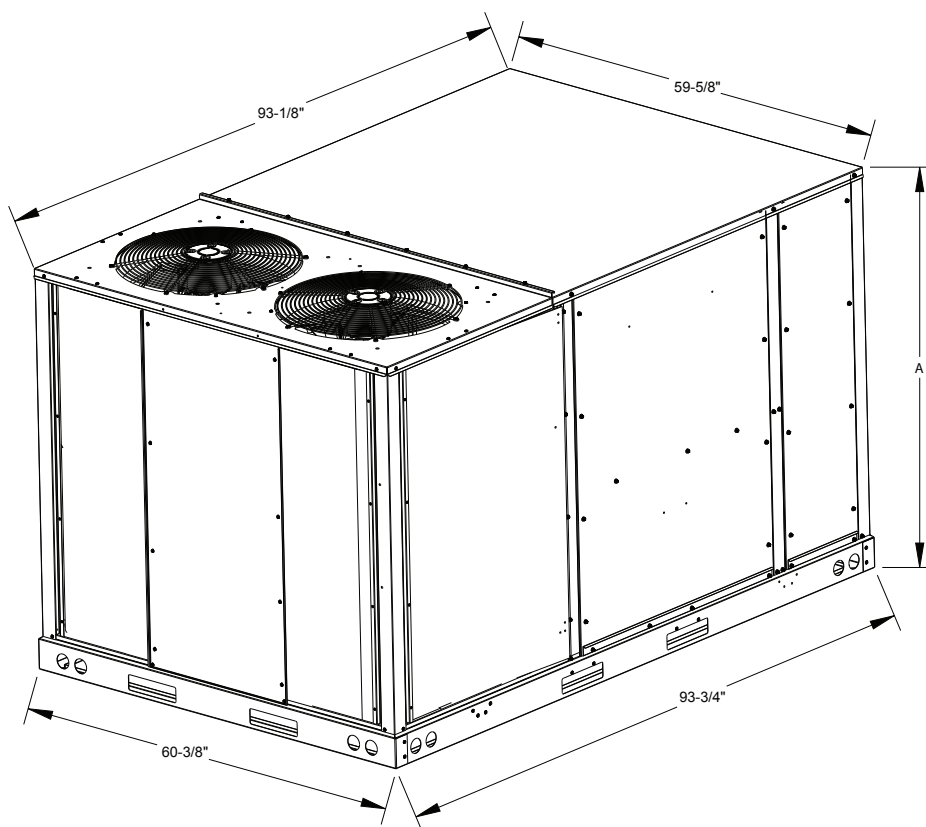
db - decibel

#### Notes:

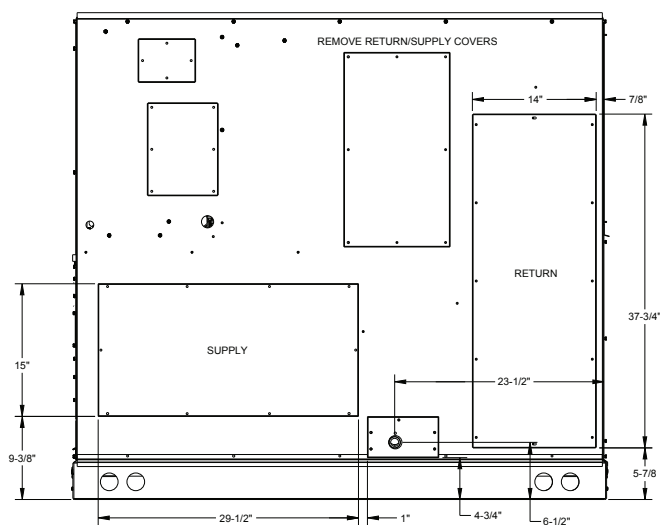
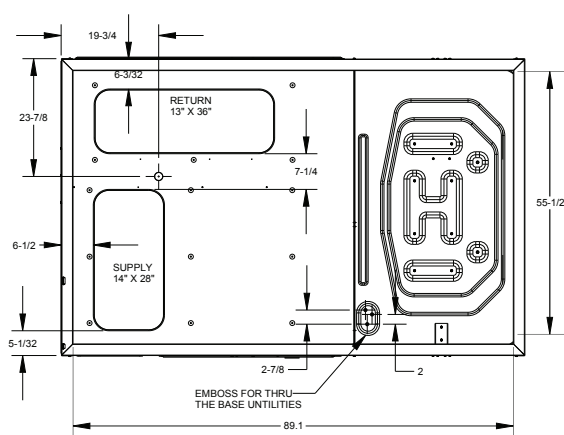
<sup>1</sup> Outdoor sound data is measured in accordance with AHRI standard 270.

<sup>2</sup> Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.

<sup>3</sup> A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 270.



| Model Size | DIM "A"                        |
|------------|--------------------------------|
| DHC090     | 54 <sup>3</sup> / <sub>5</sub> |
| DHC0102    | 54 <sup>3</sup> / <sub>5</sub> |
| DHC0120    | 54 <sup>3</sup> / <sub>5</sub> |
| DHC0150    | 54 <sup>4</sup> / <sub>5</sub> |



|                                                                                |         | Outdoor Ambient Temperature                                |       |       |       |       |       |       |       |       |       |       |       |                                                                                                                                                                           |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------|---------|------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                |         | 65                                                         |       |       |       | 75    |       |       |       | 85    |       |       |       | 95                                                                                                                                                                        |       |       |       | 105   |       |       |       | 115   |       |       |       |
| IDB                                                                            | Airflow | 59                                                         | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59                                                                                                                                                                        | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 70                                                                             | MBh     | 91.1                                                       | 92.4  | 95.1  | -     | 90.3  | 91.6  | 94.3  | -     | 87.9  | 89.2  | 91.9  | -     | 83.8                                                                                                                                                                      | 85.1  | 87.8  | -     | 78.7  | 80.0  | 82.8  | -     | 74.1  | 75.4  | 78.2  | -     |
|                                                                                | S/T     | 0.63                                                       | 0.56  | 0.44  | -     | 0.63  | 0.56  | 0.44  | -     | 0.66  | 0.59  | 0.46  | -     | 0.68                                                                                                                                                                      | 0.61  | 0.47  | -     | 0.71  | 0.64  | 0.50  | -     | 0.80  | 0.72  | 0.57  | -     |
|                                                                                | ΔT      | 19.75                                                      | 17.92 | 14.51 | -     | 19.70 | 17.87 | 14.46 | -     | 19.95 | 18.13 | 14.72 | -     | 19.68                                                                                                                                                                     | 17.85 | 14.44 | -     | 19.43 | 17.61 | 14.20 | -     | 20.58 | 18.75 | 15.34 | -     |
|                                                                                | kW      | 5.29                                                       | 5.29  | 5.28  | -     | 5.88  | 5.87  | 5.86  | -     | 6.53  | 6.53  | 6.52  | -     | 7.24                                                                                                                                                                      | 7.23  | 7.22  | -     | 8.03  | 8.02  | 8.01  | -     | 8.96  | 8.95  | 8.94  | -     |
|                                                                                | Amps    | 20.02                                                      | 20.00 | 19.95 | -     | 22.70 | 22.68 | 22.63 | -     | 25.69 | 25.67 | 25.63 | -     | 28.93                                                                                                                                                                     | 28.91 | 28.86 | -     | 32.55 | 32.53 | 32.48 | -     | 36.79 | 36.77 | 36.73 | -     |
|                                                                                | Hi PR   | 248                                                        | 249   | 251   | -     | 287   | 288   | 290   | -     | 328   | 329   | 331   | -     | 372                                                                                                                                                                       | 373   | 375   | -     | 419   | 420   | 422   | -     | 470   | 471   | 473   | -     |
|                                                                                | Lo PR   | 128                                                        | 130   | 133   | -     | 136   | 138   | 141   | -     | 143   | 144   | 148   | -     | 149                                                                                                                                                                       | 148   | 154   | -     | 154   | 156   | 158   | -     | 161   | 163   | 166   | -     |
|                                                                                | MBh     | 92.3                                                       | 93.6  | 96.3  | -     | 91.5  | 92.8  | 95.5  | -     | 89.1  | 90.4  | 93.1  | -     | 85.0                                                                                                                                                                      | 86.3  | 89.0  | -     | 79.9  | 81.2  | 84.0  | -     | 75.4  | 76.6  | 79.4  | -     |
|                                                                                | S/T     | 0.67                                                       | 0.59  | 0.46  | -     | 0.67  | 0.60  | 0.46  | -     | 0.70  | 0.62  | 0.48  | -     | 0.72                                                                                                                                                                      | 0.64  | 0.49  | -     | 0.76  | 0.67  | 0.51  | -     | 0.85  | 0.76  | 0.59  | -     |
|                                                                                | ΔT      | 18.64                                                      | 16.82 | 13.41 | -     | 18.59 | 16.77 | 13.36 | -     | 18.85 | 17.02 | 13.61 | -     | 18.57                                                                                                                                                                     | 16.75 | 13.34 | -     | 18.33 | 16.50 | 13.09 | -     | 19.47 | 17.65 | 14.24 | -     |
| 3000                                                                           | kW      | 5.32                                                       | 5.32  | 5.31  | -     | 5.91  | 5.90  | 5.89  | -     | 6.56  | 6.56  | 6.55  | -     | 7.27                                                                                                                                                                      | 7.26  | 7.25  | -     | 8.06  | 8.05  | 8.04  | -     | 8.99  | 8.98  | 8.97  | -     |
|                                                                                | Amps    | 20.16                                                      | 20.14 | 20.09 | -     | 22.84 | 22.82 | 22.77 | -     | 25.83 | 25.81 | 25.76 | -     | 29.07                                                                                                                                                                     | 29.05 | 29.00 | -     | 32.69 | 32.67 | 32.62 | -     | 36.93 | 36.91 | 36.86 | -     |
|                                                                                | Hi PR   | 250                                                        | 251   | 253   | -     | 289   | 290   | 292   | -     | 330   | 331   | 333   | -     | 374                                                                                                                                                                       | 375   | 377   | -     | 422   | 423   | 424   | -     | 472   | 473   | 475   | -     |
|                                                                                | Lo PR   | 130                                                        | 132   | 135   | -     | 138   | 140   | 143   | -     | 145   | 146   | 150   | -     | 151                                                                                                                                                                       | 151   | 155   | -     | 156   | 158   | 161   | -     | 163   | 165   | 168   | -     |
|                                                                                | MBh     | 93.7                                                       | 95.0  | 97.8  | -     | 92.9  | 94.2  | 96.9  | -     | 90.5  | 91.8  | 94.6  | -     | 86.4                                                                                                                                                                      | 87.7  | 90.4  | -     | 81.4  | 82.7  | 85.4  | -     | 76.8  | 78.1  | 80.8  | -     |
|                                                                                | S/T     | 0.70                                                       | 0.62  | 0.47  | -     | 0.71  | 0.62  | 0.48  | -     | 0.73  | 0.65  | 0.50  | -     | 0.76                                                                                                                                                                      | 0.67  | 0.51  | -     | 0.79  | 0.70  | 0.53  | -     | 0.90  | 0.79  | 0.61  | -     |
|                                                                                | ΔT      | 17.71                                                      | 15.89 | 12.48 | -     | 17.66 | 15.84 | 12.43 | -     | 17.92 | 16.09 | 12.68 | -     | 17.65                                                                                                                                                                     | 15.82 | 12.41 | -     | 17.40 | 15.58 | 12.17 | -     | 18.54 | 16.72 | 13.31 | -     |
|                                                                                | kW      | 5.35                                                       | 5.34  | 5.33  | -     | 5.93  | 5.93  | 5.92  | -     | 6.59  | 6.58  | 6.57  | -     | 7.29                                                                                                                                                                      | 7.29  | 7.28  | -     | 8.08  | 8.08  | 8.07  | -     | 9.01  | 9.01  | 9.00  | -     |
|                                                                                | Amps    | 20.28                                                      | 20.25 | 20.21 | -     | 22.96 | 22.93 | 22.89 | -     | 25.95 | 25.93 | 25.88 | -     | 29.19                                                                                                                                                                     | 29.17 | 29.12 | -     | 32.80 | 32.78 | 32.74 | -     | 37.05 | 37.03 | 36.98 | -     |
|                                                                                | Hi PR   | 252                                                        | 253   | 255   | -     | 291   | 292   | 294   | -     | 332   | 333   | 335   | -     | 376                                                                                                                                                                       | 377   | 379   | -     | 424   | 425   | 426   | -     | 474   | 475   | 477   | -     |
|                                                                                | Lo PR   | 132                                                        | 134   | 137   | -     | 140   | 142   | 145   | -     | 147   | 148   | 152   | -     | 149                                                                                                                                                                       | 154   | 158   | -     | 158   | 160   | 163   | -     | 165   | 167   | 170   | -     |
| 75                                                                             | MBh     | 91.6                                                       | 92.9  | 95.6  | 99.8  | 90.8  | 92.1  | 94.8  | 99.0  | 88.4  | 89.7  | 92.4  | 96.6  | 84.3                                                                                                                                                                      | 85.6  | 88.3  | 92.5  | 79.3  | 80.6  | 83.3  | 87.5  | 74.7  | 76.0  | 78.7  | 82.9  |
|                                                                                | S/T     | 0.75                                                       | 0.68  | 0.56  | 0.4   | 0.75  | 0.69  | 0.56  | 0.4   | 0.78  | 0.71  | 0.59  | 0.5   | 0.81                                                                                                                                                                      | 0.74  | 0.60  | 0.5   | 0.85  | 0.78  | 0.63  | 0.5   | 0.95  | 0.87  | 0.71  | 0.6   |
|                                                                                | ΔT      | 23.76                                                      | 21.93 | 18.53 | 15.0  | 23.71 | 21.88 | 18.48 | 14.9  | 23.97 | 22.14 | 18.73 | 15.2  | 23.69                                                                                                                                                                     | 21.87 | 18.46 | 14.9  | 23.45 | 21.62 | 18.21 | 14.7  | 24.59 | 22.77 | 19.36 | 15.8  |
|                                                                                | kW      | 5.29                                                       | 5.28  | 5.27  | 5.3   | 5.87  | 5.87  | 5.86  | 5.9   | 6.53  | 6.52  | 6.51  | 6.6   | 7.23                                                                                                                                                                      | 7.23  | 7.22  | 7.3   | 8.02  | 8.02  | 8.01  | 8.1   | 8.95  | 8.95  | 8.94  | 9.0   |
|                                                                                | Amps    | 20.00                                                      | 19.98 | 19.94 | 20.1  | 22.68 | 22.66 | 22.62 | 22.8  | 25.68 | 25.65 | 25.61 | 25.8  | 28.91                                                                                                                                                                     | 28.89 | 28.85 | 29.1  | 32.53 | 32.51 | 32.46 | 32.7  | 36.78 | 36.75 | 36.71 | 36.9  |
|                                                                                | Hi PR   | 248                                                        | 249   | 251   | 255.1 | 287   | 288   | 290   | 294.2 | 328   | 329   | 331   | 335.1 | 372                                                                                                                                                                       | 373   | 375   | 379.2 | 420   | 421   | 422   | 426.8 | 470   | 471   | 473   | 477.5 |
|                                                                                | Lo PR   | 128                                                        | 130   | 133   | 138.6 | 136   | 138   | 141   | 146.4 | 139   | 145   | 148   | 153.2 | 140                                                                                                                                                                       | 150   | 154   | 159.0 | 154   | 156   | 159   | 164.7 | 161   | 163   | 166   | 167.9 |
|                                                                                | MBh     | 92.8                                                       | 94.1  | 96.8  | 101.0 | 92.0  | 93.3  | 96.0  | 100.2 | 89.6  | 90.9  | 93.6  | 97.8  | 85.5                                                                                                                                                                      | 86.8  | 89.5  | 93.7  | 80.5  | 81.8  | 84.5  | 88.7  | 75.9  | 77.2  | 79.9  | 84.1  |
|                                                                                | S/T     | 0.81                                                       | 0.73  | 0.59  | 0.5   | 0.81  | 0.74  | 0.60  | 0.5   | 0.84  | 0.76  | 0.62  | 0.5   | 0.87                                                                                                                                                                      | 0.79  | 0.64  | 0.5   | 0.92  | 0.83  | 0.67  | 0.5   | 1.00  | 0.93  | 0.75  | 0.6   |
|                                                                                | ΔT      | 22.66                                                      | 20.83 | 17.42 | 13.9  | 22.61 | 20.78 | 17.37 | 13.8  | 22.86 | 21.04 | 17.63 | 14.1  | 22.59                                                                                                                                                                     | 20.76 | 17.35 | 13.8  | 22.35 | 20.52 | 17.11 | 13.6  | 22.99 | 21.66 | 18.25 | 14.7  |
| 3000                                                                           | kW      | 5.32                                                       | 5.31  | 5.30  | 5.3   | 5.90  | 5.90  | 5.89  | 5.9   | 6.56  | 6.55  | 6.54  | 6.6   | 7.26                                                                                                                                                                      | 7.26  | 7.25  | 7.3   | 8.05  | 8.05  | 8.04  | 8.1   | 8.98  | 8.98  | 8.97  | 9.0   |
|                                                                                | Amps    | 20.14                                                      | 20.12 | 20.07 | 20.3  | 22.82 | 22.80 | 22.76 | 23.0  | 25.81 | 25.79 | 25.75 | 26.0  | 29.05                                                                                                                                                                     | 29.03 | 28.99 | 29.2  | 32.67 | 32.65 | 32.60 | 32.8  | 36.91 | 36.89 | 36.85 | 37.1  |
|                                                                                | Hi PR   | 250                                                        | 251   | 253   | 257.2 | 289   | 290   | 292   | 296.3 | 330   | 331   | 333   | 337.2 | 374                                                                                                                                                                       | 375   | 377   | 381.3 | 422   | 423   | 425   | 428.9 | 472   | 474   | 475   | 479.6 |
|                                                                                | Lo PR   | 130                                                        | 132   | 135   | 140.5 | 138   | 140   | 143   | 148.3 | 140   | 146   | 150   | 155.1 | 139                                                                                                                                                                       | 152   | 155   | 160.9 | 156   | 155   | 161   | 166.6 | 148   | 165   | 168   | 171.1 |
|                                                                                | MBh     | 94.3                                                       | 95.6  | 98.3  | 102.5 | 93.4  | 94.7  | 97.5  | 101.7 | 91.1  | 92.3  | 95.1  | 99.3  | 86.9                                                                                                                                                                      | 88.2  | 91.0  | 95.1  | 81.9  | 83.2  | 85.9  | 90.1  | 77.3  | 78.6  | 81.4  | 85.5  |
|                                                                                | S/T     | 0.86                                                       | 0.77  | 0.62  | 0.5   | 0.86  | 0.78  | 0.63  | 0.5   | 0.89  | 0.81  | 0.65  | 0.5   | 0.92                                                                                                                                                                      | 0.83  | 0.67  | 0.5   | 0.97  | 0.87  | 0.70  | 0.5   | 1.00  | 0.98  | 0.79  | 0.6   |
|                                                                                | ΔT      | 21.73                                                      | 19.90 | 16.49 | 13.0  | 21.68 | 19.85 | 16.44 | 12.9  | 21.94 | 20.11 | 16.70 | 13.2  | 21.66                                                                                                                                                                     | 19.83 | 16.42 | 12.9  | 21.42 | 19.59 | 16.18 | 12.6  | 20.83 | 20.73 | 17.32 | 13.8  |
|                                                                                | kW      | 5.34                                                       | 5.34  | 5.33  | 5.4   | 5.93  | 5.92  | 5.91  | 6.0   | 6.58  | 6.58  | 6.57  | 6.6   | 7.29                                                                                                                                                                      | 7.29  | 7.28  | 7.3   | 8.08  | 8.08  | 8.07  | 8.1   | 9.01  | 9.00  | 8.99  | 9.0   |
|                                                                                | Amps    | 20.26                                                      | 20.24 | 20.19 | 20.4  | 22.94 | 22.92 | 22.87 | 23.1  | 25.93 | 25.91 | 25.86 | 26.1  | 29.17                                                                                                                                                                     | 29.15 | 29.10 | 29.3  | 32.79 | 32.77 | 32.72 | 32.9  | 37.03 | 37.01 | 36.96 | 37.2  |
|                                                                                | Hi PR   | 252                                                        | 253   | 255   | 259.2 | 291   | 292   | 294   | 298.3 | 332   | 333   | 335   | 339.3 | 376                                                                                                                                                                       | 377   | 379   | 383.4 | 424   | 425   | 427   | 430.9 | 475   | 476   | 477   | 481.6 |
|                                                                                | Lo PR   | 132                                                        | 134   | 137   | 142.6 | 139   | 142   | 145   | 150.4 | 139   | 148   | 152   | 157.2 | 140                                                                                                                                                                       | 154   | 158   | 163.0 | 158   | 157   | 163   | 168.7 | 165   | 167   | 170   | 174.5 |
| IDB: Entering Indoor Dry Bulb Temperature                                      |         | Shaded area reflects ACCA (TVA) conditions                 |       |       |       |       |       |       |       |       |       |       |       | kW = Total system power                                                                                                                                                   |       |       |       |       |       |       |       |       |       |       |       |
| High and low pressures are measured at the liquid and suction access fittings. |         | Amps: Unit amps (comp.+ evaporator + condenser fan motors) |       |       |       |       |       |       |       |       |       |       |       | Design Subcooling, 16 - 19°F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection. |       |       |       |       |       |       |       |       |       |       |       |

|      |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65                          |       |       |       | 75    |       |       |       | 85    |       |       |       | 95    |       |       |       | 105   |       |       |       | 115   |       |       |       |
| IDB  | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80   | MBh     | 92.1                        | 93.4  | 96.1  | 100.3 | 91.3  | 92.6  | 95.3  | 99.5  | 88.9  | 90.2  | 92.9  | 97.1  | 84.8  | 86.1  | 88.8  | 93.0  | 79.7  | 81.0  | 83.8  | 87.9  | 75.2  | 76.4  | 79.2  | 83.4  |
|      | S/T     | 0.87                        | 0.80  | 0.68  | 0.5   | 0.88  | 0.81  | 0.68  | 0.6   | 0.91  | 0.84  | 0.71  | 0.6   | 0.94  | 0.87  | 0.73  | 0.6   | 1.00  | 0.91  | 0.77  | 0.6   | 1.00  | 1.00  | 0.85  | 0.7   |
|      | ΔT      | 27.80                       | 25.98 | 22.57 | 19.0  | 27.75 | 25.93 | 22.52 | 19.0  | 28.01 | 26.18 | 22.77 | 19.2  | 27.73 | 25.91 | 22.50 | 19.0  | 27.49 | 25.66 | 22.25 | 18.7  | 26.03 | 26.47 | 23.40 | 19.9  |
|      | kW      | 5.29                        | 5.29  | 5.28  | 5.3   | 5.88  | 5.87  | 5.86  | 5.9   | 6.53  | 6.52  | 6.51  | 6.6   | 7.24  | 7.23  | 7.22  | 7.3   | 8.03  | 8.02  | 8.01  | 8.1   | 8.95  | 8.95  | 8.94  | 9.0   |
|      | Amps    | 20.02                       | 20.00 | 19.95 | 20.2  | 22.70 | 22.68 | 22.63 | 22.8  | 25.69 | 25.67 | 25.62 | 25.8  | 28.93 | 28.91 | 28.86 | 29.1  | 32.54 | 32.52 | 32.48 | 32.7  | 36.79 | 36.77 | 36.72 | 36.9  |
|      | Hi PR   | 248                         | 249   | 251   | 255.5 | 287   | 289   | 290   | 294.6 | 328   | 330   | 331   | 335.6 | 373   | 374   | 375   | 379.7 | 420   | 421   | 423   | 427.2 | 471   | 472   | 474   | 477.9 |
|      | Lo PR   | 128                         | 130   | 134   | 139.2 | 128   | 138   | 142   | 147.0 | 128   | 145   | 148   | 153.8 | 149   | 151   | 154   | 159.6 | 155   | 153   | 160   | 165.3 | 162   | 153   | 167   | 171.1 |
|      | MBh     | 93.3                        | 94.6  | 97.3  | 101.5 | 92.5  | 93.8  | 96.5  | 100.7 | 90.1  | 91.4  | 94.1  | 98.3  | 86.0  | 87.3  | 90.0  | 94.2  | 80.9  | 82.2  | 85.0  | 89.2  | 76.4  | 77.6  | 80.4  | 84.6  |
|      | S/T     | 0.94                        | 0.87  | 0.73  | 0.6   | 0.95  | 0.87  | 0.73  | 0.6   | 0.99  | 0.91  | 0.76  | 0.6   | 1.00  | 0.94  | 0.78  | 0.6   | 1.00  | 0.99  | 0.82  | 0.7   | 1.00  | 1.00  | 0.92  | 0.7   |
|      | ΔT      | 26.70                       | 24.87 | 21.46 | 17.9  | 26.65 | 24.82 | 21.41 | 17.9  | 26.91 | 25.08 | 21.67 | 18.1  | 26.05 | 24.81 | 21.40 | 17.9  | 24.53 | 24.56 | 21.15 | 17.6  | 23.14 | 23.53 | 22.30 | 18.8  |
| 85   | kW      | 5.32                        | 5.32  | 5.31  | 5.4   | 5.91  | 5.90  | 5.89  | 5.9   | 6.56  | 6.56  | 6.55  | 6.6   | 7.27  | 7.26  | 7.25  | 7.3   | 8.06  | 8.05  | 8.04  | 8.1   | 8.99  | 8.98  | 8.97  | 9.0   |
|      | Amps    | 20.16                       | 20.13 | 20.09 | 20.3  | 22.84 | 22.82 | 22.77 | 23.0  | 25.83 | 25.81 | 25.76 | 26.0  | 29.07 | 29.05 | 29.00 | 29.2  | 32.68 | 32.66 | 32.62 | 32.8  | 36.93 | 36.91 | 36.86 | 37.1  |
|      | Hi PR   | 250                         | 252   | 253   | 257.6 | 290   | 291   | 292   | 296.7 | 331   | 332   | 333   | 337.7 | 375   | 376   | 377   | 381.8 | 422   | 423   | 425   | 429.3 | 473   | 474   | 476   | 480.1 |
|      | Lo PR   | 128                         | 132   | 136   | 141.1 | 128   | 140   | 143   | 148.9 | 145   | 147   | 150   | 155.7 | 152   | 151   | 156   | 161.5 | 157   | 152   | 162   | 167.2 | 164   | 160   | 169   | 174.3 |
|      | MBh     | 94.7                        | 96.0  | 98.8  | 102.9 | 93.9  | 95.2  | 97.9  | 102.1 | 91.5  | 92.8  | 95.6  | 99.7  | 87.4  | 88.7  | 91.4  | 95.6  | 82.4  | 83.7  | 86.4  | 90.6  | 77.8  | 79.1  | 81.8  | 86.0  |
|      | S/T     | 1.00                        | 0.93  | 0.77  | 0.6   | 1.00  | 0.93  | 0.78  | 0.6   | 1.00  | 0.97  | 0.81  | 0.6   | 1.00  | 1.00  | 0.83  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.97  | 0.8   |
|      | ΔT      | 25.52                       | 23.95 | 20.54 | 17.0  | 25.30 | 23.90 | 20.49 | 17.0  | 24.65 | 24.15 | 20.74 | 17.2  | 23.55 | 23.88 | 20.47 | 16.9  | 22.19 | 22.54 | 20.22 | 16.7  | 20.96 | 21.30 | 21.37 | 17.8  |
|      | kW      | 5.35                        | 5.34  | 5.33  | 5.4   | 5.93  | 5.93  | 5.92  | 6.0   | 6.59  | 6.58  | 6.57  | 6.6   | 7.29  | 7.29  | 7.28  | 7.3   | 8.08  | 8.08  | 8.07  | 8.1   | 9.01  | 9.01  | 9.00  | 9.0   |
|      | Amps    | 20.27                       | 20.25 | 20.21 | 20.4  | 22.95 | 22.93 | 22.89 | 23.1  | 25.94 | 25.92 | 25.88 | 26.1  | 29.18 | 29.16 | 29.12 | 29.3  | 32.80 | 32.78 | 32.73 | 32.9  | 37.04 | 37.02 | 36.98 | 37.2  |
|      | Hi PR   | 253                         | 254   | 255   | 259.7 | 292   | 293   | 294   | 298.8 | 333   | 334   | 335   | 339.7 | 377   | 378   | 379   | 383.8 | 424   | 425   | 427   | 431.4 | 475   | 476   | 478   | 482.1 |
|      | Lo PR   | 133                         | 134   | 138   | 143.2 | 141   | 142   | 145   | 151.0 | 147   | 149   | 152   | 157.8 | 153   | 152   | 158   | 163.6 | 159   | 161   | 164   | 169.2 | 166   | 167   | 167   | 176.3 |
| 2625 | MBh     | 93.6                        | 94.9  | 97.7  | 101.8 | 92.8  | 94.1  | 96.8  | 101.0 | 90.4  | 91.7  | 94.5  | 98.6  | 86.3  | 87.6  | 90.3  | 94.5  | 81.3  | 82.6  | 85.3  | 89.5  | 76.7  | 78.0  | 80.7  | 84.9  |
|      | S/T     | 0.97                        | 0.90  | 0.77  | 0.6   | 0.97  | 0.91  | 0.78  | 0.6   | 1.00  | 0.94  | 0.81  | 0.7   | 1.00  | 1.00  | 0.83  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.97  | 0.8   |
|      | ΔT      | 31.39                       | 29.56 | 26.15 | 22.6  | 31.34 | 29.51 | 26.10 | 22.6  | 31.32 | 29.77 | 26.36 | 22.8  | 29.89 | 29.49 | 26.08 | 22.6  | 28.15 | 28.60 | 25.84 | 22.3  | 26.56 | 27.01 | 26.98 | 23.5  |
|      | kW      | 5.30                        | 5.30  | 5.29  | 5.3   | 5.89  | 5.88  | 5.87  | 5.9   | 6.54  | 6.54  | 6.53  | 6.6   | 7.25  | 7.24  | 7.23  | 7.3   | 8.04  | 8.03  | 8.02  | 8.1   | 8.97  | 8.96  | 8.95  | 9.0   |
|      | Amps    | 20.07                       | 20.05 | 20.00 | 20.2  | 22.75 | 22.73 | 22.68 | 22.9  | 25.74 | 25.72 | 25.67 | 25.9  | 28.98 | 28.96 | 28.91 | 29.1  | 32.60 | 32.58 | 32.53 | 32.7  | 36.84 | 36.82 | 36.77 | 37.0  |
|      | Hi PR   | 250                         | 251   | 252   | 256.7 | 289   | 290   | 291   | 295.8 | 330   | 331   | 332   | 336.7 | 374   | 375   | 377   | 380.8 | 421   | 422   | 424   | 428.4 | 472   | 473   | 475   | 479.1 |
|      | Lo PR   | 131                         | 132   | 136   | 141.1 | 139   | 140   | 143   | 148.9 | 147   | 142   | 150   | 155.7 | 151   | 141   | 156   | 161.5 | 157   | 158   | 162   | 167.2 | 164   | 166   | 169   | 174.3 |
|      | MBh     | 94.8                        | 96.1  | 98.9  | 103.0 | 94.0  | 95.3  | 98.0  | 102.2 | 91.6  | 92.9  | 95.7  | 99.8  | 87.5  | 88.8  | 91.5  | 95.7  | 82.5  | 83.8  | 86.5  | 90.7  | 77.9  | 79.2  | 81.9  | 86.1  |
|      | S/T     | 1.00                        | 0.98  | 0.84  | 0.7   | 1.00  | 0.98  | 0.84  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.90  | 0.7   | 1.00  | 1.00  | 0.94  | 0.8   | 1.00  | 1.00  | 1.00  | 0.9   |
|      | ΔT      | 28.74                       | 28.46 | 25.05 | 21.5  | 28.49 | 28.41 | 25.00 | 21.5  | 27.77 | 28.16 | 25.26 | 21.7  | 26.52 | 26.91 | 24.98 | 21.4  | 25.00 | 25.39 | 24.74 | 21.2  | 23.61 | 24.00 | 24.83 | 22.3  |
| 3000 | kW      | 5.33                        | 5.33  | 5.32  | 5.4   | 5.92  | 5.91  | 5.90  | 5.9   | 6.57  | 6.57  | 6.56  | 6.6   | 7.28  | 7.27  | 7.26  | 7.3   | 8.07  | 8.06  | 8.05  | 8.1   | 9.00  | 8.99  | 8.98  | 9.0   |
|      | Amps    | 20.21                       | 20.19 | 20.14 | 20.3  | 22.89 | 22.87 | 22.82 | 23.0  | 25.88 | 25.86 | 25.81 | 26.0  | 29.12 | 29.10 | 29.05 | 29.3  | 32.74 | 32.71 | 32.67 | 32.9  | 36.98 | 36.96 | 36.91 | 37.1  |
|      | Hi PR   | 252                         | 253   | 254   | 258.8 | 291   | 292   | 294   | 297.9 | 332   | 333   | 335   | 338.8 | 376   | 377   | 379   | 382.9 | 423   | 424   | 426   | 430.5 | 474   | 475   | 477   | 481.2 |
|      | Lo PR   | 134                         | 134   | 138   | 143.0 | 140   | 142   | 145   | 150.8 | 147   | 149   | 152   | 157.6 | 153   | 155   | 158   | 163.4 | 159   | 160   | 164   | 169.1 | 166   | 167   | 171   | 176.2 |
|      | MBh     | 96.3                        | 97.6  | 100.3 | 104.5 | 95.5  | 96.8  | 99.5  | 103.7 | 93.1  | 94.4  | 97.1  | 101.3 | 89.0  | 90.3  | 93.0  | 97.2  | 83.9  | 85.2  | 88.0  | 92.1  | 79.3  | 80.6  | 83.4  | 87.5  |
|      | S/T     | 1.00                        | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 0.90  | 0.7   | 1.00  | 1.00  | 0.93  | 0.8   | 1.00  | 1.00  | 0.96  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   | 1.00  | 1.00  | 1.00  | 0.9   |
|      | ΔT      | 25.93                       | 26.28 | 24.12 | 20.6  | 25.71 | 26.06 | 24.07 | 20.5  | 25.07 | 25.42 | 24.33 | 20.8  | 23.96 | 24.31 | 24.05 | 20.5  | 22.61 | 22.96 | 23.69 | 20.3  | 21.37 | 21.72 | 22.46 | 21.4  |
|      | kW      | 5.36                        | 5.35  | 5.34  | 5.4   | 5.94  | 5.94  | 5.93  | 6.0   | 6.60  | 6.59  | 6.58  | 6.6   | 7.30  | 7.30  | 7.29  | 7.3   | 8.09  | 8.09  | 8.08  | 8.1   | 9.02  | 9.02  | 9.01  | 9.1   |
|      | Amps    | 20.32                       | 20.30 | 20.26 | 20.5  | 23.00 | 22.98 | 22.94 | 23.1  | 26.00 | 25.98 | 25.93 | 26.1  | 29.23 | 29.21 | 29.17 | 29.4  | 32.85 | 32.83 | 32.78 | 33.0  | 37.10 | 37.08 | 37.03 | 37.2  |
|      | Hi PR   | 254                         | 255   | 257   | 260.8 | 293   | 294   | 296   | 299.9 | 334   | 335   | 337   | 340.9 | 378   | 379   | 381   | 385.0 | 425   | 426   | 428   | 432.5 | 476   | 477   | 479   | 483.3 |
|      | Lo PR   | 135                         | 136   | 140   | 145.1 | 143   | 144   | 147   | 152.9 | 149   | 151   | 154   | 159.7 | 155   | 157   | 160   | 165.5 | 161   | 162   | 167   | 171.2 | 168   | 170   | 174   | 178.3 |

IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction access fittings.

Shaded area reflects ACCA (TVA) conditions

kW = Total system power

Amps: Unit amps (comp.+ evaporator + condenser fan motors)  
Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12 °F @ the compressor suction access fitting connection.

|       |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |  |  |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
|       |         | 65                          |       |       |       |       |       | 75    |       |       |       |       |       | 85    |       |       |       |       |       | 95    |       |       |       |       |       | 105   |       |       |       |       |       | 115   |       |       |  |  |  |
| IDB   | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |       |  |  |  |
| 70    | 2800    | MBh                         | 103.9 | 105.3 | 108.4 | -     | 102.9 | 104.4 | 107.5 | -     | 100.2 | 101.7 | 104.8 | -     | 95.6  | 97.0  | 100.1 | -     | 89.9  | 91.3  | 94.4  | -     | 84.7  | 86.1  | 89.2  | -     | 84.7  | 86.1  | 89.2  | -     | 84.7  | 86.1  | 89.2  | -     |  |  |  |
|       |         | S/T                         | 0.58  | 0.52  | 0.40  | -     | 0.58  | 0.52  | 0.41  | -     | 0.61  | 0.54  | 0.42  | -     | 0.63  | 0.56  | 0.44  | -     | 0.66  | 0.59  | 0.45  | -     | 0.74  | 0.66  | 0.52  | -     | 0.74  | 0.66  | 0.52  | -     | 0.74  | 0.66  | 0.52  | -     |  |  |  |
|       |         | ΔT                          | 19.55 | 17.70 | 14.24 | -     | 19.50 | 17.65 | 14.19 | -     | 19.76 | 17.91 | 14.45 | -     | 19.48 | 17.63 | 14.17 | -     | 19.23 | 17.38 | 13.92 | -     | 20.39 | 18.54 | 15.08 | -     | 20.39 | 18.54 | 15.08 | -     | 20.39 | 18.54 | 15.08 | -     |  |  |  |
|       |         | kW                          | 5.91  | 5.91  | 5.89  | -     | 6.61  | 6.60  | 6.59  | -     | 7.38  | 7.38  | 7.36  | -     | 8.22  | 8.21  | 8.20  | -     | 9.16  | 9.15  | 9.14  | -     | 10.26 | 10.25 | 10.24 | -     | 10.26 | 10.25 | 10.24 | -     | 10.26 | 10.25 | 10.24 | -     |  |  |  |
|       |         | Amps                        | 22.98 | 22.95 | 22.90 | -     | 26.15 | 26.13 | 26.07 | -     | 29.70 | 29.68 | 29.62 | -     | 33.54 | 33.52 | 33.46 | -     | 37.83 | 37.81 | 37.75 | -     | 42.87 | 42.84 | 42.79 | -     | 42.87 | 42.84 | 42.79 | -     | 42.87 | 42.84 | 42.79 | -     |  |  |  |
|       |         | Hi PR                       | 25.4  | 25.5  | 25.6  | -     | 29.3  | 29.5  | 29.6  | -     | 33.5  | 33.6  | 33.8  | -     | 38.0  | 38.1  | 38.3  | -     | 42.9  | 43.0  | 43.2  | -     | 48.0  | 48.2  | 48.3  | -     | 48.0  | 48.2  | 48.3  | -     | 48.0  | 48.2  | 48.3  | -     |  |  |  |
|       |         | Lo PR                       | 12.5  | 12.6  | 13.0  | -     | 13.2  | 13.4  | 13.7  | -     | 13.9  | 14.1  | 14.4  | -     | 14.5  | 14.6  | 14.9  | -     | 15.0  | 15.2  | 15.5  | -     | 15.7  | 15.9  | 16.2  | -     | 15.7  | 15.9  | 16.2  | -     | 15.7  | 15.9  | 16.2  | -     |  |  |  |
|       |         | MBh                         | 104.7 | 106.1 | 109.2 | -     | 103.7 | 105.2 | 108.3 | -     | 101.0 | 102.5 | 105.6 | -     | 96.4  | 97.8  | 100.9 | -     | 90.7  | 92.1  | 95.2  | -     | 85.5  | 86.9  | 90.0  | -     | 85.5  | 86.9  | 90.0  | -     | 85.5  | 86.9  | 90.0  | -     |  |  |  |
|       |         | S/T                         | 0.60  | 0.53  | 0.41  | -     | 0.60  | 0.54  | 0.42  | -     | 0.63  | 0.56  | 0.44  | -     | 0.65  | 0.58  | 0.45  | -     | 0.68  | 0.60  | 0.46  | -     | 0.77  | 0.69  | 0.53  | -     | 0.77  | 0.69  | 0.53  | -     | 0.77  | 0.69  | 0.53  | -     |  |  |  |
|       |         | ΔT                          | 18.91 | 17.06 | 13.60 | -     | 18.86 | 17.01 | 13.55 | -     | 19.12 | 17.27 | 13.81 | -     | 18.84 | 16.99 | 13.53 | -     | 18.59 | 16.74 | 13.28 | -     | 19.75 | 17.90 | 14.44 | -     | 19.75 | 17.90 | 14.44 | -     | 19.75 | 17.90 | 14.44 | -     |  |  |  |
| 3025  | kW      | 5.93                        | 5.93  | 5.91  | -     | 6.63  | 6.62  | 6.61  | -     | 7.40  | 7.40  | 7.38  | -     | 8.24  | 8.24  | 8.22  | -     | 9.18  | 9.17  | 9.16  | -     | 10.28 | 10.27 | 10.26 | -     | 10.28 | 10.27 | 10.26 | -     | 10.28 | 10.27 | 10.26 | -     |       |  |  |  |
|       | Amps    | 23.07                       | 23.04 | 22.99 | -     | 26.25 | 26.22 | 26.17 | -     | 29.80 | 29.77 | 29.72 | -     | 33.64 | 33.61 | 33.56 | -     | 37.93 | 37.90 | 37.85 | -     | 42.96 | 42.93 | 42.88 | -     | 42.96 | 42.93 | 42.88 | -     | 42.96 | 42.93 | 42.88 | -     |       |  |  |  |
|       | Hi PR   | 25.5                        | 25.6  | 25.8  | -     | 29.5  | 29.6  | 29.8  | -     | 33.6  | 33.8  | 33.9  | -     | 38.1  | 38.3  | 38.4  | -     | 43.0  | 43.1  | 43.3  | -     | 48.2  | 48.3  | 48.5  | -     | 48.2  | 48.3  | 48.5  | -     | 48.2  | 48.3  | 48.5  | -     |       |  |  |  |
|       | Lo PR   | 12.6                        | 12.8  | 13.1  | -     | 13.4  | 13.5  | 13.8  | -     | 14.0  | 14.2  | 14.5  | -     | 14.6  | 14.7  | 15.0  | -     | 15.1  | 15.3  | 15.6  | -     | 15.8  | 16.0  | 16.3  | -     | 15.8  | 16.0  | 16.3  | -     | 15.8  | 16.0  | 16.3  | -     |       |  |  |  |
|       | MBh     | 107.3                       | 108.7 | 111.8 | -     | 106.3 | 107.8 | 110.9 | -     | 103.6 | 105.1 | 108.2 | -     | 99.0  | 100.4 | 103.5 | -     | 93.3  | 94.7  | 97.8  | -     | 88.1  | 89.5  | 92.6  | -     | 88.1  | 89.5  | 92.6  | -     | 88.1  | 89.5  | 92.6  | -     |       |  |  |  |
|       | S/T     | 0.65                        | 0.57  | 0.43  | -     | 0.65  | 0.57  | 0.43  | -     | 0.68  | 0.60  | 0.45  | -     | 0.70  | 0.62  | 0.46  | -     | 0.73  | 0.64  | 0.48  | -     | 0.83  | 0.73  | 0.56  | -     | 0.83  | 0.73  | 0.56  | -     | 0.83  | 0.73  | 0.56  | -     |       |  |  |  |
|       | ΔT      | 17.52                       | 15.67 | 12.21 | -     | 17.47 | 15.62 | 12.16 | -     | 17.73 | 15.88 | 12.42 | -     | 17.45 | 15.60 | 12.14 | -     | 17.21 | 15.35 | 11.90 | -     | 18.37 | 16.51 | 13.06 | -     | 18.37 | 16.51 | 13.06 | -     | 18.37 | 16.51 | 13.06 | -     |       |  |  |  |
|       | kW      | 5.98                        | 5.97  | 5.96  | -     | 6.67  | 6.67  | 6.65  | -     | 7.45  | 7.44  | 7.43  | -     | 8.29  | 8.28  | 8.27  | -     | 9.22  | 9.22  | 9.21  | -     | 10.32 | 10.32 | 10.31 | -     | 10.32 | 10.32 | 10.31 | -     | 10.32 | 10.32 | 10.31 | -     |       |  |  |  |
|       | Amps    | 23.27                       | 23.25 | 23.19 | -     | 26.45 | 26.43 | 26.37 | -     | 30.00 | 29.97 | 29.92 | -     | 33.84 | 33.81 | 33.76 | -     | 38.13 | 38.10 | 38.05 | -     | 43.16 | 43.14 | 43.08 | -     | 43.16 | 43.14 | 43.08 | -     | 43.16 | 43.14 | 43.08 | -     |       |  |  |  |
|       | Hi PR   | 25.8                        | 25.9  | 26.1  | -     | 29.8  | 29.9  | 30.1  | -     | 34.0  | 34.1  | 34.3  | -     | 38.5  | 38.6  | 38.8  | -     | 43.3  | 43.4  | 43.6  | -     | 48.5  | 48.6  | 48.8  | -     | 48.5  | 48.6  | 48.8  | -     | 48.5  | 48.6  | 48.8  | -     |       |  |  |  |
| Lo PR | 12.9    | 13.1                        | 13.4  | -     | 13.7  | 13.8  | 14.1  | -     | 14.3  | 14.5  | 14.8  | -     | 14.9  | 15.1  | 15.4  | -     | 15.4  | 15.6  | 15.9  | -     | 16.1  | 16.3  | 16.6  | -     | 16.1  | 16.3  | 16.6  | -     | 16.1  | 16.3  | 16.6  | -     |       |       |  |  |  |
| 75    | 2800    | MBh                         | 104.4 | 105.8 | 108.9 | 113.7 | 103.4 | 104.9 | 108.0 | 112.7 | 100.7 | 102.2 | 105.3 | 110.0 | 96.1  | 97.5  | 100.6 | 105.4 | 90.4  | 91.8  | 94.9  | 99.7  | 85.2  | 86.6  | 89.7  | 94.5  | 85.2  | 86.6  | 89.7  | 94.5  | 85.2  | 86.6  | 89.7  | 94.5  |  |  |  |
|       |         | S/T                         | 0.70  | 0.63  | 0.52  | 0.4   | 0.70  | 0.64  | 0.52  | 0.4   | 0.73  | 0.66  | 0.54  | 0.4   | 0.76  | 0.69  | 0.56  | 0.4   | 0.79  | 0.72  | 0.58  | 0.4   | 0.88  | 0.80  | 0.66  | 0.5   | 0.88  | 0.80  | 0.66  | 0.5   | 0.88  | 0.80  | 0.66  | 0.5   |  |  |  |
|       |         | ΔT                          | 23.62 | 21.77 | 18.31 | 14.7  | 23.57 | 21.72 | 18.26 | 14.7  | 23.83 | 21.98 | 18.52 | 14.9  | 23.55 | 21.70 | 18.24 | 14.7  | 23.30 | 21.45 | 17.99 | 14.4  | 24.46 | 22.61 | 19.15 | 15.6  | 24.46 | 22.61 | 19.15 | 15.6  | 24.46 | 22.61 | 19.15 | 15.6  |  |  |  |
|       |         | kW                          | 5.91  | 5.90  | 5.89  | 5.9   | 6.60  | 6.60  | 6.58  | 6.6   | 7.38  | 7.37  | 7.36  | 7.4   | 8.22  | 8.21  | 8.20  | 8.3   | 9.15  | 9.15  | 9.14  | 9.2   | 10.25 | 10.25 | 10.24 | 10.3  | 10.25 | 10.25 | 10.24 | 10.3  | 10.25 | 10.25 | 10.24 | 10.3  |  |  |  |
|       |         | Amps                        | 22.95 | 22.93 | 22.88 | 23.1  | 26.13 | 26.11 | 26.05 | 26.3  | 29.68 | 29.66 | 29.60 | 29.8  | 33.52 | 33.50 | 33.44 | 33.7  | 37.81 | 37.79 | 37.73 | 38.0  | 42.84 | 42.82 | 42.77 | 43.0  | 42.84 | 42.82 | 42.77 | 43.0  | 42.84 | 42.82 | 42.77 | 43.0  |  |  |  |
|       |         | Hi PR                       | 25.4  | 25.5  | 25.7  | 261.1 | 29.4  | 29.5  | 29.7  | 300.9 | 33.5  | 33.7  | 33.8  | 342.7 | 38.0  | 38.2  | 38.3  | 387.7 | 42.9  | 43.0  | 43.2  | 436.2 | 48.1  | 48.2  | 48.4  | 487.9 | 48.1  | 48.2  | 48.4  | 487.9 | 48.1  | 48.2  | 48.4  | 487.9 |  |  |  |
|       |         | Lo PR                       | 12.5  | 12.6  | 13.0  | 134.9 | 13.3  | 13.4  | 13.7  | 142.5 | 13.9  | 14.1  | 14.4  | 149.1 | 14.0  | 14.6  | 14.9  | 154.7 | 15.0  | 15.2  | 15.5  | 160.2 | 157   | 159   | 162   | 167.1 | 157   | 159   | 162   | 167.1 | 157   | 159   | 162   | 167.1 |  |  |  |
|       |         | MBh                         | 105.2 | 106.7 | 109.8 | 114.5 | 104.3 | 105.7 | 108.8 | 113.6 | 101.6 | 103.0 | 106.1 | 110.9 | 96.9  | 98.4  | 101.5 | 106.2 | 91.2  | 92.7  | 95.8  | 100.5 | 86.0  | 87.5  | 90.6  | 95.3  | 86.0  | 87.5  | 90.6  | 95.3  | 86.0  | 87.5  | 90.6  | 95.3  |  |  |  |
|       |         | S/T                         | 0.73  | 0.66  | 0.54  | 0.4   | 0.73  | 0.66  | 0.54  | 0.4   | 0.76  | 0.69  | 0.56  | 0.4   | 0.79  | 0.71  | 0.58  | 0.4   | 0.83  | 0.75  | 0.60  | 0.5   | 0.92  | 0.84  | 0.68  | 0.5   | 0.92  | 0.84  | 0.68  | 0.5   | 0.92  | 0.84  | 0.68  | 0.5   |  |  |  |
|       |         | ΔT                          | 22.98 | 21.13 | 17.67 | 14.1  | 22.93 | 21.08 | 17.62 | 14.0  | 23.19 | 21.34 | 17.88 | 14.3  | 22.91 | 21.06 | 17.60 | 14.0  | 22.67 | 20.81 | 17.36 | 13.8  | 23.83 | 21.97 | 18.51 | 14.9  | 23.83 | 21.97 | 18.51 | 14.9  | 23.83 | 21.97 | 18.51 | 14.9  |  |  |  |
| 3025  | kW      | 5.93                        | 5.92  | 5.91  | 6.0   | 6.62  | 6.62  | 6.60  | 6.7   | 7.40  | 7.39  | 7.38  | 7.4   | 8.24  | 8.23  | 8.22  | 8.3   | 9.17  | 9.17  | 9.16  | 9.2   | 10.27 | 10.27 | 10.26 | 10.3  | 10.27 | 10.27 | 10.26 | 10.3  | 10.27 | 10.27 | 10.26 | 10.3  |       |  |  |  |
|       | Amps    | 23.05                       | 23.02 | 22.97 | 23.2  | 26.23 | 26.20 | 26.15 | 26.4  | 29.78 | 29.75 | 29.70 | 29.9  | 33.62 | 33.59 | 33.54 | 33.8  | 37.91 | 37.88 | 37.83 | 38.1  | 42.94 | 42.91 | 42.86 | 43.1  | 42.94 | 42.91 | 42.86 | 43.1  | 42.94 | 42.91 | 42.86 | 43.1  |       |  |  |  |
|       | Hi PR   | 25.5                        | 25.6  | 25.8  | 262.3 | 29.5  | 29.6  | 29.8  | 302.2 | 33.7  | 33.8  | 34.0  | 344.0 | 38.2  | 38.3  | 38.5  | 389.0 | 43.0  | 43.1  | 43.3  | 437.4 | 48.2  | 48.3  | 48.5  | 489.2 | 48.2  | 48.3  | 48.5  | 489.2 | 48.2  | 48.3  | 48.5  | 489.2 |       |  |  |  |
|       | Lo PR   | 12.6                        | 12.8  | 13.1  | 136.0 | 13.4  | 13.5  | 13.8  | 143.6 | 13.9  | 14.2  | 14.5  | 150.2 | 139   | 147   | 151   | 155.8 | 151   | 153   | 156   | 161.3 | 158   | 160   | 163   | 168.2 | 158   | 160   | 163   | 168.2 | 158   | 160   | 163   | 168.2 |       |  |  |  |
|       | MBh     | 107.8                       | 109.3 | 112.4 | 117.1 | 106.9 | 108.4 | 111.5 | 116.2 | 104.2 | 105.6 | 108.7 | 113.5 | 99.5  | 101.0 | 104.1 | 108.8 | 93.8  | 95.3  | 98.4  | 103.1 | 88.6  | 90.1  | 93.2  | 97.9  | 88.6  | 90.1  | 93.2  | 97.9  | 88.6  | 90.1  | 93.2  | 97.9  |       |  |  |  |
|       | S/T     | 0.79                        | 0.72  | 0.57  | 0.4   | 0.80  | 0.72  | 0.58  | 0.4   | 0.83  | 0.75  | 0.60  | 0.5   | 0.86  | 0.77  | 0.62  | 0.5   | 0.90  | 0.81  | 0.64  | 0.5   | 1.00  | 0.91  | 0.73  | 0.5   | 1.00  | 0.91  |       |       |       |       |       |       |       |  |  |  |

|                                                                                |                                            | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
|--------------------------------------------------------------------------------|--------------------------------------------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|                                                                                |                                            | 65                          |       |       |       | 75    |       |       |       | 85    |       |       |                         | 95    |       |       |       | 105   |       |       |       | 115   |       |       |       |       |
| IDB                                                                            | Airflow                                    | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71                      | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |       |
| 80                                                                             | 2800                                       | MBh                         | 104.9 | 106.4 | 109.5 | 114.2 | 104.0 | 105.4 | 108.5 | 113.3 | 101.3 | 102.7 | 105.8                   | 110.6 | 96.6  | 98.1  | 101.2 | 105.9 | 90.9  | 92.4  | 95.5  | 100.2 | 85.7  | 87.2  | 90.3  | 95.0  |
|                                                                                |                                            | S/T                         | 0.81  | 0.75  | 0.63  | 0.5   | 0.82  | 0.75  | 0.63  | 0.5   | 0.85  | 0.78  | 0.66                    | 0.5   | 0.88  | 0.81  | 0.68  | 0.5   | 0.93  | 0.85  | 0.71  | 0.6   | 1.00  | 0.94  | 0.79  | 0.6   |
|                                                                                |                                            | ΔT                          | 27.72 | 25.87 | 22.41 | 18.8  | 27.67 | 25.82 | 22.36 | 18.8  | 27.93 | 26.08 | 22.62                   | 19.0  | 27.65 | 25.80 | 22.34 | 18.8  | 27.41 | 25.55 | 22.09 | 18.5  | 27.82 | 26.71 | 23.25 | 19.7  |
|                                                                                |                                            | kW                          | 5.91  | 5.91  | 5.89  | 5.9   | 6.61  | 6.60  | 6.59  | 6.6   | 7.38  | 7.38  | 7.36                    | 7.4   | 8.22  | 8.21  | 8.20  | 8.3   | 9.16  | 9.15  | 9.14  | 9.2   | 10.26 | 10.25 | 10.24 | 10.3  |
|                                                                                |                                            | Amps                        | 22.97 | 22.95 | 22.89 | 23.1  | 26.15 | 26.13 | 26.07 | 26.3  | 29.70 | 29.67 | 29.62                   | 29.9  | 33.54 | 33.51 | 33.46 | 33.7  | 37.83 | 37.80 | 37.75 | 38.0  | 42.86 | 42.84 | 42.78 | 43.0  |
|                                                                                | 3025                                       | Hi PR                       | 254   | 255   | 257   | 261.5 | 294   | 295   | 297   | 301.4 | 336   | 337   | 339                     | 343.2 | 381   | 382   | 384   | 388.2 | 429   | 430   | 432   | 436.7 | 481   | 482   | 484   | 488.4 |
|                                                                                |                                            | Lo PR                       | 126   | 127   | 130   | 135.5 | 128   | 135   | 138   | 143.0 | 128   | 141   | 144                     | 149.7 | 145   | 147   | 150   | 155.3 | 151   | 152   | 155   | 160.7 | 158   | 159   | 162   | 167.6 |
|                                                                                |                                            | MBh                         | 105.7 | 107.2 | 110.3 | 115.0 | 104.8 | 106.3 | 109.4 | 114.1 | 102.1 | 103.6 | 106.7                   | 111.4 | 97.4  | 98.9  | 102.0 | 106.7 | 91.7  | 93.2  | 96.3  | 101.0 | 86.5  | 88.0  | 91.1  | 95.8  |
|                                                                                |                                            | S/T                         | 0.85  | 0.78  | 0.66  | 0.5   | 0.86  | 0.79  | 0.66  | 0.5   | 0.89  | 0.82  | 0.69                    | 0.5   | 0.92  | 0.85  | 0.71  | 0.6   | 0.97  | 0.89  | 0.74  | 0.6   | 1.00  | 0.99  | 0.83  | 0.7   |
|                                                                                |                                            | ΔT                          | 27.08 | 25.23 | 21.77 | 18.2  | 27.03 | 25.18 | 21.72 | 18.1  | 27.29 | 25.44 | 21.98                   | 18.4  | 27.01 | 25.16 | 21.70 | 18.1  | 26.77 | 24.91 | 21.46 | 17.9  | 26.01 | 26.07 | 22.62 | 19.0  |
| 3600                                                                           | kW                                         | 5.93                        | 5.93  | 5.91  | 6.0   | 6.63  | 6.62  | 6.61  | 6.7   | 7.40  | 7.40  | 7.38  | 7.4                     | 8.24  | 8.23  | 8.22  | 8.3   | 9.18  | 9.17  | 9.16  | 9.2   | 10.28 | 10.27 | 10.26 | 10.3  |       |
|                                                                                | Amps                                       | 23.07                       | 23.04 | 22.99 | 23.2  | 26.24 | 26.22 | 26.16 | 26.4  | 29.79 | 29.77 | 29.71 | 30.0                    | 33.63 | 33.61 | 33.55 | 33.8  | 37.92 | 37.90 | 37.84 | 38.1  | 42.96 | 42.93 | 42.88 | 43.1  |       |
|                                                                                | Hi PR                                      | 256                         | 257   | 258   | 262.8 | 295   | 296   | 298   | 302.7 | 337   | 338   | 340   | 344.4                   | 382   | 383   | 385   | 389.4 | 431   | 432   | 434   | 437.9 | 482   | 483   | 485   | 489.7 |       |
|                                                                                | Lo PR                                      | 127                         | 128   | 131   | 136.6 | 128   | 136   | 139   | 144.1 | 141   | 142   | 145   | 150.8                   | 146   | 148   | 151   | 156.4 | 127   | 152   | 157   | 161.9 | 159   | 160   | 163   | 168.7 |       |
|                                                                                | MBh                                        | 108.4                       | 109.8 | 112.9 | 117.7 | 107.4 | 108.9 | 112.0 | 116.7 | 104.7 | 106.2 | 109.3 | 114.0                   | 100.1 | 101.5 | 104.6 | 109.4 | 94.4  | 95.8  | 98.9  | 103.7 | 89.2  | 90.6  | 93.7  | 98.5  |       |
| 85                                                                             | 2800                                       | S/T                         | 0.94  | 0.86  | 0.71  | 0.6   | 0.95  | 0.87  | 0.72  | 0.6   | 0.98  | 0.90  | 0.75                    | 0.6   | 1.00  | 0.93  | 0.77  | 0.6   | 1.00  | 0.97  | 0.80  | 0.6   | 1.00  | 1.00  | 0.90  | 0.7   |
|                                                                                |                                            | ΔT                          | 25.70 | 23.84 | 20.39 | 16.8  | 25.65 | 23.79 | 20.34 | 16.8  | 25.91 | 24.05 | 20.60                   | 17.0  | 25.27 | 23.77 | 20.32 | 16.7  | 23.83 | 23.53 | 20.07 | 16.5  | 22.51 | 22.88 | 21.23 | 17.6  |
|                                                                                |                                            | kW                          | 5.98  | 5.97  | 5.96  | 6.0   | 6.67  | 6.66  | 6.65  | 6.7   | 7.45  | 7.44  | 7.43                    | 7.5   | 8.28  | 8.28  | 8.27  | 8.3   | 9.22  | 9.22  | 9.20  | 9.3   | 10.32 | 10.32 | 10.30 | 10.4  |
|                                                                                |                                            | Amps                        | 23.27 | 23.24 | 23.19 | 23.4  | 26.45 | 26.42 | 26.37 | 26.6  | 30.00 | 29.97 | 29.92                   | 30.2  | 33.84 | 33.81 | 33.76 | 34.0  | 38.13 | 38.10 | 38.05 | 38.3  | 43.16 | 43.13 | 43.08 | 43.3  |
|                                                                                |                                            | Hi PR                       | 259   | 260   | 262   | 266.0 | 299   | 300   | 301   | 305.9 | 340   | 341   | 343                     | 347.6 | 385   | 386   | 388   | 392.6 | 434   | 435   | 437   | 441.1 | 486   | 487   | 488   | 492.9 |
|                                                                                | 3025                                       | Lo PR                       | 127   | 131   | 134   | 139.8 | 127   | 139   | 142   | 147.3 | 127   | 145   | 149                     | 153.9 | 150   | 151   | 154   | 159.5 | 155   | 153   | 156   | 165.0 | 162   | 162   | 167   | 171.9 |
|                                                                                |                                            | MBh                         | 106.6 | 108.1 | 111.2 | 115.9 | 105.7 | 107.2 | 110.3 | 115.0 | 103.0 | 104.5 | 107.6                   | 112.3 | 98.3  | 99.8  | 102.9 | 107.6 | 92.6  | 94.1  | 97.2  | 101.9 | 87.4  | 88.9  | 92.0  | 96.7  |
|                                                                                |                                            | S/T                         | 0.91  | 0.84  | 0.72  | 0.6   | 0.91  | 0.85  | 0.73  | 0.6   | 0.94  | 0.88  | 0.75                    | 0.6   | 0.98  | 0.91  | 0.78  | 0.6   | 1.00  | 0.96  | 0.82  | 0.7   | 1.00  | 1.00  | 0.90  | 0.7   |
|                                                                                |                                            | ΔT                          | 31.36 | 29.51 | 26.05 | 22.5  | 31.31 | 29.46 | 26.00 | 22.4  | 31.57 | 29.72 | 26.26                   | 22.7  | 31.29 | 29.44 | 25.98 | 22.4  | 30.08 | 29.19 | 25.73 | 22.1  | 28.39 | 28.87 | 26.89 | 23.3  |
|                                                                                |                                            | kW                          | 5.92  | 5.92  | 5.91  | 6.0   | 6.62  | 6.61  | 6.60  | 6.7   | 7.39  | 7.39  | 7.38                    | 7.4   | 8.23  | 8.23  | 8.22  | 8.3   | 9.17  | 9.16  | 9.15  | 9.2   | 10.27 | 10.26 | 10.25 | 10.3  |
|                                                                                |                                            | Amps                        | 23.03 | 23.01 | 22.95 | 23.2  | 26.21 | 26.19 | 26.13 | 26.4  | 29.76 | 29.73 | 29.68                   | 29.9  | 33.60 | 33.57 | 33.52 | 33.8  | 37.89 | 37.86 | 37.81 | 38.1  | 42.92 | 42.90 | 42.84 | 43.1  |
| 3600                                                                           | Hi PR                                      | 255                         | 257   | 258   | 262.7 | 295   | 296   | 298   | 302.6 | 337   | 338   | 340   | 344.4                   | 382   | 383   | 385   | 389.3 | 431   | 432   | 433   | 437.8 | 482   | 483   | 485   | 489.6 |       |
|                                                                                | Lo PR                                      | 127                         | 129   | 132   | 137.3 | 135   | 136   | 140   | 144.9 | 142   | 142   | 146   | 151.5                   | 115   | 142   | 152   | 157.1 | 153   | 141   | 157   | 162.6 | 160   | 161   | 164   | 169.5 |       |
|                                                                                | MBh                                        | 107.5                       | 108.9 | 112.0 | 116.8 | 106.6 | 108.0 | 111.1 | 115.9 | 103.8 | 105.3 | 108.4 | 113.1                   | 99.2  | 100.6 | 103.7 | 108.5 | 93.5  | 95.0  | 98.1  | 102.8 | 88.3  | 89.7  | 92.8  | 97.6  |       |
|                                                                                | S/T                                        | 0.95                        | 0.88  | 0.75  | 0.6   | 0.96  | 0.89  | 0.76  | 0.6   | 0.99  | 0.92  | 0.79  | 0.6                     | 1.00  | 0.95  | 0.81  | 0.7   | 1.00  | 1.00  | 0.85  | 0.7   | 1.00  | 1.00  | 0.94  | 0.8   |       |
|                                                                                | ΔT                                         | 30.72                       | 28.87 | 25.41 | 21.8  | 30.67 | 28.82 | 25.36 | 21.8  | 30.93 | 29.08 | 25.62 | 22.0                    | 29.81 | 28.80 | 25.34 | 21.8  | 28.09 | 28.53 | 25.09 | 21.5  | 26.53 | 26.97 | 26.25 | 22.7  |       |
| 3025                                                                           | kW                                         | 5.94                        | 5.94  | 5.93  | 6.0   | 6.64  | 6.63  | 6.62  | 6.7   | 7.41  | 7.41  | 7.40  | 7.5                     | 8.25  | 8.25  | 8.24  | 8.3   | 9.19  | 9.19  | 9.17  | 9.2   | 10.29 | 10.29 | 10.27 | 10.3  |       |
|                                                                                | Amps                                       | 23.13                       | 23.10 | 23.05 | 23.3  | 26.30 | 26.28 | 26.23 | 26.5  | 29.85 | 29.83 | 29.77 | 30.0                    | 33.69 | 33.67 | 33.61 | 33.9  | 37.98 | 37.96 | 37.90 | 38.1  | 43.02 | 42.99 | 42.94 | 43.2  |       |
|                                                                                | Hi PR                                      | 257                         | 258   | 260   | 264.0 | 297   | 298   | 299   | 303.9 | 338   | 339   | 341   | 345.6                   | 383   | 384   | 386   | 390.6 | 432   | 433   | 435   | 439.1 | 484   | 485   | 486   | 490.9 |       |
|                                                                                | Lo PR                                      | 128                         | 130   | 133   | 138.5 | 115   | 138   | 141   | 146.0 | 115   | 142   | 147   | 152.6                   | 148   | 142   | 153   | 158.2 | 154   | 155   | 158   | 163.7 | 161   | 162   | 165   | 170.6 |       |
|                                                                                | MBh                                        | 110.1                       | 111.6 | 114.7 | 119.4 | 109.2 | 110.6 | 113.7 | 118.5 | 106.5 | 107.9 | 111.0 | 115.8                   | 101.8 | 103.3 | 106.4 | 111.1 | 96.1  | 97.6  | 100.7 | 105.4 | 90.9  | 92.4  | 95.5  | 100.2 |       |
| 3600                                                                           | S/T                                        | 1.00                        | 0.98  | 0.83  | 0.7   | 1.00  | 0.98  | 0.83  | 0.7   | 1.00  | 1.00  | 0.86  | 0.7                     | 1.00  | 1.00  | 0.89  | 0.7   | 1.00  | 1.00  | 0.93  | 0.8   | 1.00  | 1.00  | 1.00  | 0.8   |       |
|                                                                                | ΔT                                         | 27.80                       | 27.48 | 24.02 | 20.4  | 27.57 | 27.43 | 23.97 | 20.4  | 26.88 | 27.25 | 24.23 | 20.6                    | 25.71 | 26.08 | 23.95 | 20.4  | 24.27 | 24.64 | 23.71 | 20.1  | 22.95 | 23.32 | 24.11 | 21.3  |       |
|                                                                                | kW                                         | 5.99                        | 5.98  | 5.97  | 6.0   | 6.68  | 6.68  | 6.67  | 6.7   | 7.46  | 7.45  | 7.44  | 7.5                     | 8.30  | 8.29  | 8.28  | 8.3   | 9.24  | 9.23  | 9.22  | 9.3   | 10.33 | 10.33 | 10.32 | 10.4  |       |
|                                                                                | Amps                                       | 23.33                       | 23.30 | 23.25 | 23.5  | 26.51 | 26.48 | 26.43 | 26.7  | 30.06 | 30.03 | 29.98 | 30.2                    | 33.90 | 33.87 | 33.82 | 34.1  | 38.19 | 38.16 | 38.11 | 38.4  | 43.22 | 43.19 | 43.14 | 43.4  |       |
|                                                                                | Hi PR                                      | 260                         | 261   | 263   | 267.2 | 300   | 301   | 303   | 307.0 | 342   | 343   | 344   | 348.8                   | 387   | 388   | 389   | 393.8 | 435   | 436   | 438   | 442.3 | 487   | 488   | 490   | 494.0 |       |
| IDB: Entering Indoor Dry Bulb Temperature                                      | Lo PR                                      | 132                         | 132   | 136   | 141.6 | 139   | 139   | 144   | 149.2 | 146   | 147   | 151   | 155.8                   | 151   | 153   | 156   | 161.4 | 157   | 158   | 162   | 166.9 | 164   | 165   | 170   | 173.8 |       |
|                                                                                | Shaded area reflects ACCA (TVA) conditions |                             |       |       |       |       |       |       |       |       |       |       | kW = Total system power |       |       |       |       |       |       |       |       |       |       |       |       |       |
| High and low pressures are measured at the liquid and suction access fittings. |                                            |                             |       |       |       |       |       |       |       |       |       |       |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Amps: Unit amps (comp.+ evaporator + condenser fan motors)                     |                                            |                             |       |       |       |       |       |       |       |       |       |       |                         |       |       |       |       |       |       |       |       |       |       |       |       |       |

|       |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |  |  |  |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--|--|--|
|       |         | 65                          |       |       |       |       |       | 75    |       |       |       |       |       | 85    |       |       |       |       |       | 95    |       |       |       |       |       | 105   |       |       |       |       |       | 115   |       |       |  |  |  |
| IDB   | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |       |  |  |  |
| 70    | 3250    | MBh                         | 118.6 | 120.3 | 123.8 | -     | 117.6 | 119.3 | 122.8 | -     | 114.5 | 116.2 | 119.7 | -     | 109.2 | 110.9 | 114.4 | -     | 102.7 | 104.4 | 107.9 | -     | 96.8  | 98.5  | 102.0 | -     | 96.8  | 98.5  | 102.0 | -     | 96.8  | 98.5  | 102.0 | -     |  |  |  |
|       |         | S/T                         | 0.54  | 0.48  | 0.38  | -     | 0.54  | 0.48  | 0.38  | -     | 0.57  | 0.50  | 0.40  | -     | 0.58  | 0.52  | 0.41  | -     | 0.61  | 0.55  | 0.42  | -     | 0.69  | 0.62  | 0.48  | -     | 0.69  | 0.62  | 0.48  | -     | 0.69  | 0.62  | 0.48  | -     |  |  |  |
|       |         | ΔT                          | 17.91 | 16.21 | 13.04 | -     | 17.87 | 16.17 | 12.99 | -     | 18.11 | 16.41 | 13.23 | -     | 17.85 | 16.15 | 12.98 | -     | 17.62 | 15.92 | 12.75 | -     | 18.69 | 16.99 | 13.81 | -     | 18.69 | 16.99 | 13.81 | -     | 18.69 | 16.99 | 13.81 | -     |  |  |  |
|       |         | kW                          | 6.74  | 6.74  | 6.72  | -     | 7.53  | 7.52  | 7.51  | -     | 8.41  | 8.40  | 8.38  | -     | 9.35  | 9.34  | 9.33  | -     | 10.41 | 10.40 | 10.39 | -     | 11.65 | 11.64 | 11.63 | -     | 11.65 | 11.64 | 11.63 | -     | 11.65 | 11.64 | 11.63 | -     |  |  |  |
|       |         | Amps                        | 25.45 | 25.42 | 25.36 | -     | 29.04 | 29.01 | 28.95 | -     | 33.05 | 33.02 | 32.96 | -     | 37.38 | 37.35 | 37.29 | -     | 42.23 | 42.20 | 42.14 | -     | 47.91 | 47.88 | 47.82 | -     | 47.91 | 47.88 | 47.82 | -     | 47.91 | 47.88 | 47.82 | -     |  |  |  |
|       |         | Hi PR                       | 260   | 261   | 263   | -     | 301   | 302   | 304   | -     | 343   | 344   | 346   | -     | 389   | 391   | 392   | -     | 439   | 440   | 442   | -     | 492   | 493   | 495   | -     | 492   | 493   | 495   | -     | 492   | 493   | 495   | -     |  |  |  |
|       |         | Lo PR                       | 123   | 124   | 127   | -     | 130   | 132   | 135   | -     | 137   | 138   | 141   | -     | 142   | 144   | 147   | -     | 147   | 149   | 152   | -     | 154   | 156   | 159   | -     | 154   | 156   | 159   | -     | 154   | 156   | 159   | -     |  |  |  |
|       |         | MBh                         | 119.6 | 121.2 | 124.8 | -     | 118.5 | 120.2 | 123.7 | -     | 115.4 | 117.1 | 120.6 | -     | 110.1 | 111.8 | 115.3 | -     | 103.6 | 105.3 | 108.8 | -     | 97.7  | 99.4  | 102.9 | -     | 97.7  | 99.4  | 102.9 | -     | 97.7  | 99.4  | 102.9 | -     |  |  |  |
| 3500  | S/T     | 0.56                        | 0.50  | 0.39  | -     | 0.56  | 0.50  | 0.39  | -     | 0.59  | 0.52  | 0.40  | -     | 0.60  | 0.54  | 0.41  | -     | 0.63  | 0.56  | 0.43  | -     | 0.71  | 0.64  | 0.50  | -     | 0.71  | 0.64  | 0.50  | -     | 0.71  | 0.64  | 0.50  | -     |       |  |  |  |
|       | ΔT      | 17.35                       | 15.65 | 12.48 | -     | 17.31 | 15.61 | 12.43 | -     | 17.54 | 15.85 | 12.67 | -     | 17.29 | 15.59 | 12.42 | -     | 17.06 | 15.36 | 12.19 | -     | 18.13 | 16.43 | 13.25 | -     | 18.13 | 16.43 | 13.25 | -     | 18.13 | 16.43 | 13.25 | -     |       |  |  |  |
|       | kW      | 6.76                        | 6.76  | 6.74  | -     | 7.55  | 7.54  | 7.53  | -     | 8.42  | 8.42  | 8.40  | -     | 9.37  | 9.37  | 9.35  | -     | 10.43 | 10.42 | 10.41 | -     | 11.67 | 11.67 | 11.65 | -     | 11.67 | 11.67 | 11.65 | -     | 11.67 | 11.67 | 11.65 | -     |       |  |  |  |
|       | Amps    | 25.55                       | 25.52 | 25.46 | -     | 29.14 | 29.11 | 29.05 | -     | 33.15 | 33.12 | 33.06 | -     | 37.48 | 37.46 | 37.39 | -     | 42.33 | 42.30 | 42.24 | -     | 48.01 | 47.98 | 47.92 | -     | 48.01 | 47.98 | 47.92 | -     | 48.01 | 47.98 | 47.92 | -     |       |  |  |  |
|       | Hi PR   | 261                         | 262   | 264   | -     | 302   | 303   | 305   | -     | 345   | 346   | 348   | -     | 391   | 392   | 394   | -     | 440   | 441   | 443   | -     | 493   | 494   | 496   | -     | 493   | 494   | 496   | -     | 493   | 494   | 496   | -     |       |  |  |  |
|       | Lo PR   | 124                         | 125   | 128   | -     | 131   | 133   | 136   | -     | 138   | 139   | 142   | -     | 143   | 145   | 148   | -     | 149   | 150   | 153   | -     | 155   | 157   | 160   | -     | 155   | 157   | 160   | -     | 155   | 157   | 160   | -     |       |  |  |  |
|       | MBh     | 122.5                       | 124.1 | 127.7 | -     | 121.4 | 123.1 | 126.6 | -     | 118.3 | 120.0 | 123.5 | -     | 113.0 | 114.7 | 118.2 | -     | 106.5 | 108.2 | 111.7 | -     | 100.6 | 102.3 | 105.8 | -     | 100.6 | 102.3 | 105.8 | -     | 100.6 | 102.3 | 105.8 | -     |       |  |  |  |
|       | S/T     | 0.60                        | 0.53  | 0.40  | -     | 0.60  | 0.53  | 0.40  | -     | 0.63  | 0.56  | 0.42  | -     | 0.65  | 0.57  | 0.43  | -     | 0.68  | 0.60  | 0.45  | -     | 0.77  | 0.68  | 0.52  | -     | 0.77  | 0.68  | 0.52  | -     | 0.77  | 0.68  | 0.52  | -     |       |  |  |  |
| 4150  | ΔT      | 16.11                       | 14.41 | 11.23 | -     | 16.06 | 14.36 | 11.19 | -     | 16.30 | 14.60 | 11.43 | -     | 16.04 | 14.34 | 11.17 | -     | 15.82 | 14.12 | 10.94 | -     | 16.88 | 15.18 | 12.01 | -     | 16.88 | 15.18 | 12.01 | -     | 16.88 | 15.18 | 12.01 | -     |       |  |  |  |
|       | kW      | 6.81                        | 6.81  | 6.79  | -     | 7.60  | 7.59  | 7.58  | -     | 8.47  | 8.47  | 8.45  | -     | 9.42  | 9.41  | 9.40  | -     | 10.48 | 10.47 | 10.46 | -     | 11.72 | 11.71 | 11.70 | -     | 11.72 | 11.71 | 11.70 | -     | 11.72 | 11.71 | 11.70 | -     |       |  |  |  |
|       | Amps    | 25.78                       | 25.75 | 25.69 | -     | 29.37 | 29.34 | 29.28 | -     | 33.37 | 33.34 | 33.28 | -     | 37.71 | 37.68 | 37.62 | -     | 42.55 | 42.53 | 42.46 | -     | 48.24 | 48.21 | 48.15 | -     | 48.24 | 48.21 | 48.15 | -     | 48.24 | 48.21 | 48.15 | -     |       |  |  |  |
|       | Hi PR   | 264                         | 265   | 267   | -     | 305   | 306   | 308   | -     | 348   | 349   | 351   | -     | 394   | 395   | 397   | -     | 443   | 445   | 446   | -     | 496   | 498   | 499   | -     | 496   | 498   | 499   | -     | 496   | 498   | 499   | -     |       |  |  |  |
|       | Lo PR   | 127                         | 128   | 131   | -     | 134   | 136   | 139   | -     | 141   | 142   | 145   | -     | 146   | 148   | 151   | -     | 152   | 153   | 156   | -     | 158   | 160   | 163   | -     | 158   | 160   | 163   | -     | 158   | 160   | 163   | -     |       |  |  |  |
|       | 75      | MBh                         | 118.7 | 120.4 | 123.9 | 129.3 | 117.7 | 119.3 | 122.9 | 128.2 | 114.6 | 116.2 | 119.8 | 125.2 | 109.3 | 110.9 | 114.5 | 119.9 | 102.8 | 104.5 | 108.0 | 113.4 | 96.9  | 98.5  | 102.1 | 107.5 | 96.9  | 98.5  | 102.1 | 107.5 | 96.9  | 98.5  | 102.1 | 107.5 |  |  |  |
|       |         | S/T                         | 0.65  | 0.59  | 0.48  | 0.4   | 0.66  | 0.60  | 0.49  | 0.4   | 0.68  | 0.62  | 0.51  | 0.4   | 0.71  | 0.64  | 0.52  | 0.4   | 0.74  | 0.67  | 0.55  | 0.4   | 0.83  | 0.75  | 0.61  | 0.5   | 0.83  | 0.75  | 0.61  | 0.5   | 0.83  | 0.75  | 0.61  | 0.5   |  |  |  |
|       |         | ΔT                          | 21.65 | 19.95 | 16.78 | 13.5  | 21.60 | 19.90 | 16.73 | 13.4  | 21.84 | 20.14 | 16.97 | 13.7  | 21.59 | 19.89 | 16.71 | 13.4  | 21.36 | 19.66 | 16.49 | 13.2  | 22.42 | 20.72 | 17.55 | 14.3  | 22.42 | 20.72 | 17.55 | 14.3  | 22.42 | 20.72 | 17.55 | 14.3  |  |  |  |
| kW    |         | 6.74                        | 6.73  | 6.72  | 6.8   | 7.52  | 7.51  | 7.50  | 7.6   | 8.40  | 8.39  | 8.38  | 8.4   | 9.34  | 9.34  | 9.32  | 9.4   | 10.40 | 10.40 | 10.38 | 10.4  | 11.64 | 11.64 | 11.63 | 11.7  | 11.64 | 11.64 | 11.63 | 11.7  | 11.64 | 11.64 | 11.63 | 11.7  |       |  |  |  |
| Amps  |         | 25.43                       | 25.40 | 25.34 | 25.6  | 29.02 | 28.99 | 28.93 | 29.2  | 33.02 | 32.99 | 32.93 | 33.2  | 37.36 | 37.33 | 37.27 | 37.5  | 42.20 | 42.18 | 42.11 | 42.4  | 47.89 | 47.86 | 47.80 | 48.1  | 47.89 | 47.86 | 47.80 | 48.1  | 47.89 | 47.86 | 47.80 | 48.1  |       |  |  |  |
| Hi PR |         | 260                         | 261   | 263   | 267.4 | 301   | 302   | 304   | 308.2 | 344   | 345   | 347   | 351.0 | 390   | 391   | 393   | 397.1 | 439   | 440   | 442   | 446.7 | 492   | 493   | 495   | 499.7 | 492   | 493   | 495   | 499.7 | 492   | 493   | 495   | 499.7 |       |  |  |  |
| Lo PR |         | 123                         | 124   | 127   | 132.5 | 130   | 132   | 135   | 139.9 | 137   | 138   | 141   | 146.4 | 140   | 144   | 147   | 151.9 | 147   | 149   | 152   | 157.3 | 154   | 156   | 159   | 164.0 | 147   | 149   | 152   | 157.3 | 154   | 156   | 159   | 164.0 |       |  |  |  |
| MBh   |         | 119.6                       | 121.3 | 124.8 | 130.2 | 118.6 | 120.2 | 123.8 | 129.2 | 115.5 | 117.2 | 120.7 | 126.1 | 110.2 | 111.9 | 115.4 | 120.8 | 103.7 | 105.4 | 108.9 | 114.3 | 97.8  | 99.5  | 103.0 | 108.4 | 97.8  | 99.5  | 103.0 | 108.4 | 97.8  | 99.5  | 103.0 | 108.4 |       |  |  |  |
| 4150  | S/T     | 0.68                        | 0.62  | 0.50  | 0.4   | 0.68  | 0.62  | 0.50  | 0.4   | 0.71  | 0.64  | 0.52  | 0.4   | 0.73  | 0.67  | 0.54  | 0.4   | 0.77  | 0.70  | 0.56  | 0.4   | 0.86  | 0.78  | 0.64  | 0.5   | 0.86  | 0.78  | 0.64  | 0.5   | 0.86  | 0.78  | 0.64  | 0.5   |       |  |  |  |
|       | ΔT      | 21.09                       | 19.39 | 16.22 | 12.9  | 21.04 | 19.34 | 16.17 | 12.9  | 21.28 | 19.58 | 16.41 | 13.1  | 21.03 | 19.33 | 16.15 | 12.9  | 20.80 | 19.10 | 15.93 | 12.6  | 21.86 | 20.16 | 16.99 | 13.7  | 21.86 | 20.16 | 16.99 | 13.7  | 21.86 | 20.16 | 16.99 | 13.7  |       |  |  |  |
|       | kW      | 6.76                        | 6.75  | 6.74  | 6.8   | 7.54  | 7.54  | 7.52  | 7.6   | 8.42  | 8.41  | 8.40  | 8.5   | 9.37  | 9.36  | 9.35  | 9.4   | 10.42 | 10.42 | 10.41 | 10.5  | 11.67 | 11.66 | 11.65 | 11.7  | 11.67 | 11.66 | 11.65 | 11.7  | 11.67 | 11.66 | 11.65 | 11.7  |       |  |  |  |
|       | Amps    | 25.53                       | 25.50 | 25.44 | 25.7  | 29.12 | 29.09 | 29.03 | 29.3  | 33.12 | 33.10 | 33.03 | 33.3  | 37.46 | 37.43 | 37.37 | 37.6  | 42.31 | 42.28 | 42.22 | 42.5  | 47.99 | 47.96 | 47.90 | 48.2  | 47.99 | 47.96 | 47.90 | 48.2  | 47.99 | 47.96 | 47.90 | 48.2  |       |  |  |  |
|       | Hi PR   | 261                         | 262   | 264   | 268.6 | 302   | 303   | 305   | 309.5 | 345   | 346   | 348   | 352.3 | 391   | 392   | 394   | 398.3 | 441   | 442   | 443   | 448.0 | 494   | 495   | 496   | 501.0 | 494   | 495   | 496   | 501.0 | 494   | 495   | 496   | 501.0 |       |  |  |  |
|       | Lo PR   | 124                         | 125   | 128   | 133.5 | 131   | 133   | 136   | 141.0 | 138   | 139   | 142   | 147.5 | 139   | 145   | 148   | 152.9 | 149   | 150   | 153   | 158.3 | 155   | 157   | 160   | 165.1 | 149   | 150   | 153   | 158.3 | 155   | 157   | 160   | 165.1 |       |  |  |  |
|       | MBh     | 122.5                       | 124.2 | 127.7 | 133.1 | 121.5 | 123.1 | 126.7 | 132.1 | 118.4 | 120.1 | 123.6 | 129.0 | 113.1 | 114.8 | 118.3 | 123.7 | 106.6 | 108.3 | 111.8 | 117.2 | 100.7 | 102.4 | 105.9 | 111.3 | 100.7 | 102.4 | 105.9 | 111.3 | 100.7 | 102.4 | 105.9 | 111.3 |       |  |  |  |
|       | S/T     | 0.74                        | 0.67  | 0.54  | 0.4   | 0.74  | 0.67  | 0.54  | 0.4   | 0.77  | 0.70  | 0.56  | 0.4   | 0.80  | 0.72  | 0.58  | 0.4   | 0.84  | 0.75  | 0.60  | 0.4   | 0.93  | 0.84  | 0.68  | 0.5   | 0.93  | 0.84  | 0.68  | 0.5   | 0.93  | 0.84  | 0.68  | 0.5   |       |  |  |  |
| 75    | ΔT      | 19.84                       | 18.14 | 14.97 | 11.7  | 19.80 | 18.10 | 14.92 | 11.6  | 20.04 | 18.34 | 15.16 | 11.9  | 19.78 | 18.08 | 14.91 | 11.6  | 19.55 | 17.85 | 14.68 | 11.4  | 20.62 | 18.92 |       |       |       |       |       |       |       |       |       |       |       |  |  |  |

|      |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65                          |       |       |       | 75    |       |       |       | 85    |       |       |       | 95    |       |       |       | 105   |       |       |       | 115   |       |       |       |
| IDB  | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 80   | MBh     | 119.3                       | 121.0 | 124.5 | 129.9 | 118.3 | 119.9 | 123.5 | 128.8 | 115.2 | 116.9 | 120.4 | 125.8 | 109.9 | 111.6 | 115.1 | 120.5 | 103.4 | 105.1 | 108.6 | 114.0 | 97.5  | 99.2  | 102.7 | 108.1 |
|      | S/T     | 0.76                        | 0.70  | 0.59  | 0.5   | 0.77  | 0.71  | 0.59  | 0.5   | 0.79  | 0.73  | 0.62  | 0.5   | 0.82  | 0.76  | 0.64  | 0.5   | 0.87  | 0.80  | 0.67  | 0.5   | 0.96  | 0.88  | 0.74  | 0.6   |
|      | ΔT      | 25.41                       | 23.71 | 20.54 | 17.3  | 25.37 | 23.67 | 20.49 | 17.2  | 25.61 | 23.91 | 20.73 | 17.4  | 25.35 | 23.65 | 20.48 | 17.2  | 25.12 | 23.42 | 20.25 | 17.0  | 26.19 | 24.49 | 21.31 | 18.0  |
|      | kW      | 6.74                        | 6.73  | 6.72  | 6.8   | 7.53  | 7.52  | 7.51  | 7.6   | 8.40  | 8.39  | 8.38  | 8.4   | 9.35  | 9.34  | 9.33  | 9.4   | 10.41 | 10.40 | 10.39 | 10.4  | 11.65 | 11.64 | 11.63 | 11.7  |
|      | Amps    | 25.44                       | 25.42 | 25.35 | 25.6  | 29.03 | 29.01 | 28.94 | 29.2  | 33.04 | 33.01 | 32.95 | 33.2  | 37.38 | 37.35 | 37.29 | 37.6  | 42.22 | 42.19 | 42.13 | 42.4  | 47.91 | 47.88 | 47.82 | 48.1  |
|      | Hi PR   | 260                         | 262   | 263   | 267.9 | 301   | 302   | 304   | 308.7 | 344   | 345   | 347   | 351.5 | 390   | 391   | 393   | 397.6 | 440   | 441   | 443   | 447.2 | 493   | 494   | 496   | 500.2 |
|      | Lo PR   | 123                         | 125   | 128   | 133.0 | 128   | 132   | 135   | 140.5 | 128   | 139   | 142   | 146.9 | 143   | 144   | 147   | 152.4 | 148   | 150   | 153   | 157.8 | 127   | 156   | 159   | 164.6 |
|      | MBh     | 120.2                       | 121.9 | 125.4 | 130.8 | 119.2 | 120.9 | 124.4 | 129.8 | 116.1 | 117.8 | 121.3 | 126.7 | 110.8 | 112.5 | 116.0 | 121.4 | 104.3 | 106.0 | 109.5 | 114.9 | 98.4  | 100.1 | 103.6 | 109.0 |
|      | S/T     | 0.80                        | 0.73  | 0.61  | 0.5   | 0.80  | 0.74  | 0.62  | 0.5   | 0.83  | 0.76  | 0.64  | 0.5   | 0.86  | 0.79  | 0.66  | 0.5   | 0.91  | 0.83  | 0.69  | 0.5   | 1.00  | 0.92  | 0.77  | 0.6   |
|      | ΔT      | 24.85                       | 23.15 | 19.98 | 16.7  | 24.81 | 23.11 | 19.93 | 16.6  | 25.04 | 23.35 | 20.17 | 16.9  | 24.79 | 23.09 | 19.92 | 16.6  | 24.56 | 22.86 | 19.69 | 16.4  | 25.56 | 23.93 | 20.75 | 17.5  |
| 4150 | kW      | 6.76                        | 6.76  | 6.74  | 6.8   | 7.55  | 7.54  | 7.53  | 7.6   | 8.42  | 8.42  | 8.40  | 8.5   | 9.37  | 9.36  | 9.35  | 9.4   | 10.43 | 10.42 | 10.41 | 10.5  | 11.67 | 11.66 | 11.65 | 11.7  |
|      | Amps    | 25.55                       | 25.52 | 25.46 | 25.7  | 29.14 | 29.11 | 29.05 | 29.3  | 33.14 | 33.11 | 33.05 | 33.3  | 37.48 | 37.45 | 37.39 | 37.7  | 42.32 | 42.30 | 42.23 | 42.5  | 48.01 | 47.98 | 47.92 | 48.2  |
|      | Hi PR   | 262                         | 263   | 265   | 269.1 | 303   | 304   | 305   | 310.0 | 345   | 346   | 348   | 352.7 | 391   | 392   | 394   | 398.8 | 441   | 442   | 444   | 448.5 | 494   | 495   | 497   | 501.5 |
|      | Lo PR   | 124                         | 126   | 129   | 134.1 | 128   | 133   | 136   | 141.5 | 138   | 140   | 143   | 148.0 | 144   | 145   | 148   | 153.5 | 127   | 151   | 154   | 158.9 | 156   | 157   | 160   | 165.6 |
|      | MBh     | 123.1                       | 124.8 | 128.3 | 133.7 | 122.1 | 123.8 | 127.3 | 132.7 | 119.0 | 120.7 | 124.2 | 129.6 | 113.7 | 115.4 | 118.9 | 124.3 | 107.2 | 108.9 | 112.4 | 117.8 | 101.3 | 103.0 | 106.5 | 111.9 |
|      | S/T     | 0.88                        | 0.80  | 0.67  | 0.5   | 0.88  | 0.81  | 0.67  | 0.5   | 0.91  | 0.84  | 0.70  | 0.6   | 0.95  | 0.86  | 0.72  | 0.6   | 0.99  | 0.91  | 0.75  | 0.6   | 1.00  | 1.00  | 0.84  | 0.7   |
|      | ΔT      | 23.61                       | 21.91 | 18.73 | 15.4  | 23.56 | 21.86 | 18.69 | 15.4  | 23.80 | 22.10 | 18.93 | 15.6  | 23.54 | 21.84 | 18.67 | 15.4  | 23.32 | 21.62 | 18.44 | 15.2  | 22.19 | 22.56 | 19.51 | 16.2  |
|      | kW      | 6.81                        | 6.81  | 6.79  | 6.9   | 7.60  | 7.59  | 7.58  | 7.6   | 8.47  | 8.47  | 8.45  | 8.5   | 9.42  | 9.41  | 9.40  | 9.5   | 10.48 | 10.47 | 10.46 | 10.5  | 11.72 | 11.71 | 11.70 | 11.8  |
|      | Amps    | 25.77                       | 25.74 | 25.68 | 26.0  | 29.36 | 29.33 | 29.27 | 29.5  | 33.37 | 33.34 | 33.28 | 33.6  | 37.70 | 37.68 | 37.61 | 37.9  | 42.55 | 42.52 | 42.46 | 42.7  | 48.23 | 48.21 | 48.14 | 48.4  |
|      | Hi PR   | 265                         | 266   | 268   | 272.3 | 306   | 307   | 309   | 313.1 | 348   | 350   | 351   | 355.9 | 395   | 396   | 397   | 402.0 | 444   | 445   | 447   | 451.6 | 497   | 498   | 500   | 504.6 |
|      | Lo PR   | 127                         | 129   | 132   | 137.1 | 127   | 136   | 139   | 144.5 | 127   | 143   | 146   | 151.0 | 127   | 148   | 151   | 156.5 | 127   | 152   | 157   | 161.9 | 159   | 162   | 163   | 168.7 |
| 85   | MBh     | 121.3                       | 123.0 | 126.5 | 131.9 | 120.3 | 121.9 | 125.5 | 130.8 | 117.2 | 118.8 | 122.4 | 127.8 | 111.9 | 113.5 | 117.1 | 122.5 | 105.4 | 107.1 | 110.6 | 116.0 | 99.5  | 101.1 | 104.7 | 110.1 |
|      | S/T     | 0.85                        | 0.79  | 0.67  | 0.6   | 0.85  | 0.79  | 0.68  | 0.6   | 0.88  | 0.82  | 0.70  | 0.6   | 0.92  | 0.85  | 0.73  | 0.6   | 0.97  | 0.89  | 0.76  | 0.6   | 1.00  | 0.98  | 0.84  | 0.7   |
|      | ΔT      | 28.75                       | 27.05 | 23.88 | 20.6  | 28.70 | 27.00 | 23.83 | 20.5  | 28.94 | 27.24 | 24.07 | 20.8  | 28.69 | 26.99 | 23.81 | 20.5  | 28.46 | 26.76 | 23.59 | 20.3  | 27.83 | 27.82 | 24.65 | 21.4  |
|      | kW      | 6.76                        | 6.75  | 6.74  | 6.8   | 7.54  | 7.53  | 7.52  | 7.6   | 8.42  | 8.41  | 8.40  | 8.5   | 9.36  | 9.36  | 9.34  | 9.4   | 10.42 | 10.42 | 10.40 | 10.5  | 11.66 | 11.66 | 11.64 | 11.7  |
|      | Amps    | 25.51                       | 25.48 | 25.42 | 25.7  | 29.10 | 29.07 | 29.01 | 29.3  | 33.11 | 33.08 | 33.02 | 33.3  | 37.45 | 37.42 | 37.36 | 37.6  | 42.29 | 42.26 | 42.20 | 42.5  | 47.98 | 47.95 | 47.89 | 48.2  |
|      | Hi PR   | 262                         | 263   | 265   | 269.1 | 302   | 304   | 305   | 309.9 | 345   | 346   | 348   | 352.7 | 391   | 392   | 394   | 398.8 | 441   | 442   | 444   | 448.4 | 494   | 495   | 497   | 501.4 |
|      | Lo PR   | 125                         | 127   | 130   | 134.9 | 132   | 134   | 137   | 142.3 | 139   | 140   | 144   | 148.8 | 115   | 142   | 149   | 154.3 | 115   | 142   | 154   | 159.7 | 157   | 141   | 161   | 166.4 |
|      | MBh     | 122.2                       | 123.9 | 127.4 | 132.8 | 121.2 | 122.8 | 126.4 | 131.8 | 118.1 | 119.8 | 123.3 | 128.7 | 112.8 | 114.5 | 118.0 | 123.4 | 106.3 | 108.0 | 111.5 | 116.9 | 100.4 | 102.1 | 105.6 | 111.0 |
|      | S/T     | 0.89                        | 0.82  | 0.70  | 0.6   | 0.89  | 0.83  | 0.71  | 0.6   | 0.93  | 0.86  | 0.73  | 0.6   | 0.96  | 0.89  | 0.76  | 0.6   | 1.00  | 0.93  | 0.79  | 0.7   | 1.00  | 1.00  | 0.88  | 0.7   |
|      | ΔT      | 28.19                       | 26.49 | 23.32 | 20.0  | 28.14 | 26.44 | 23.27 | 20.0  | 28.38 | 26.68 | 23.51 | 20.2  | 28.13 | 26.43 | 23.25 | 20.0  | 27.61 | 26.20 | 23.03 | 19.7  | 26.08 | 26.51 | 24.09 | 20.8  |
| 4150 | kW      | 6.78                        | 6.77  | 6.76  | 6.8   | 7.56  | 7.56  | 7.54  | 7.6   | 8.44  | 8.43  | 8.42  | 8.5   | 9.39  | 9.38  | 9.37  | 9.4   | 10.44 | 10.44 | 10.42 | 10.5  | 11.69 | 11.68 | 11.67 | 11.7  |
|      | Amps    | 25.61                       | 25.59 | 25.53 | 25.8  | 29.20 | 29.18 | 29.11 | 29.4  | 33.21 | 33.18 | 33.12 | 33.4  | 37.55 | 37.52 | 37.46 | 37.7  | 42.39 | 42.36 | 42.30 | 42.6  | 48.08 | 48.05 | 47.99 | 48.3  |
|      | Hi PR   | 263                         | 264   | 266   | 270.3 | 304   | 305   | 307   | 311.2 | 346   | 348   | 349   | 354.0 | 393   | 394   | 396   | 400.0 | 442   | 443   | 445   | 449.7 | 495   | 496   | 498   | 502.7 |
|      | Lo PR   | 126                         | 128   | 131   | 135.9 | 115   | 135   | 138   | 143.3 | 115   | 142   | 145   | 149.8 | 114   | 142   | 150   | 155.3 | 151   | 142   | 156   | 160.7 | 158   | 159   | 162   | 167.5 |
|      | MBh     | 125.1                       | 126.8 | 130.3 | 135.7 | 124.1 | 125.7 | 129.3 | 134.7 | 121.0 | 122.7 | 126.2 | 131.6 | 115.7 | 117.4 | 120.9 | 126.3 | 109.2 | 110.9 | 114.4 | 119.8 | 103.3 | 105.0 | 108.5 | 113.9 |
|      | S/T     | 0.98                        | 0.91  | 0.77  | 0.6   | 0.99  | 0.91  | 0.78  | 0.6   | 1.00  | 0.95  | 0.81  | 0.7   | 1.00  | 0.98  | 0.83  | 0.7   | 1.00  | 1.00  | 0.87  | 0.7   | 1.00  | 1.00  | 0.96  | 0.8   |
|      | ΔT      | 26.94                       | 25.24 | 22.07 | 18.8  | 26.90 | 25.20 | 22.02 | 18.7  | 26.51 | 25.44 | 22.26 | 19.0  | 25.34 | 25.18 | 22.01 | 18.7  | 23.92 | 24.29 | 21.78 | 18.5  | 22.63 | 22.99 | 22.84 | 19.6  |
|      | kW      | 6.83                        | 6.82  | 6.81  | 6.9   | 7.61  | 7.61  | 7.59  | 7.7   | 8.49  | 8.48  | 8.47  | 8.5   | 9.43  | 9.43  | 9.41  | 9.5   | 10.49 | 10.49 | 10.47 | 10.5  | 11.74 | 11.73 | 11.72 | 11.8  |
|      | Amps    | 25.84                       | 25.81 | 25.75 | 26.0  | 29.43 | 29.40 | 29.34 | 29.6  | 33.44 | 33.41 | 33.35 | 33.6  | 37.77 | 37.74 | 37.68 | 38.0  | 42.62 | 42.59 | 42.53 | 42.8  | 48.30 | 48.27 | 48.21 | 48.5  |
|      | Hi PR   | 266                         | 267   | 269   | 273.5 | 307   | 308   | 310   | 314.4 | 350   | 351   | 353   | 357.1 | 396   | 397   | 399   | 403.2 | 445   | 447   | 448   | 452.9 | 498   | 500   | 501   | 505.9 |
|      | Lo PR   | 115                         | 129   | 134   | 138.9 | 114   | 137   | 141   | 146.4 | 143   | 142   | 148   | 152.9 | 149   | 142   | 153   | 158.4 | 154   | 155   | 159   | 163.7 | 161   | 162   | 165   | 170.5 |

kW = Total system power

Amps: Unit amps (comp.+ evaporator + condenser fan motors)

Design Subcooling, 16 - 19 °F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12 °F @ the compressor suction access fitting connection.

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

High and low pressures are measured at the liquid and suction access fittings.

|                                                                                                                                                                           |         | Outdoor Ambient Temperature                                |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                         |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------------|-------|
|                                                                                                                                                                           |         | 65                                                         |       |       |       | 75    |       |       |       | 85    |       |       |       | 95    |       |       |       | 105   |       |       |       | 115   |       |                         |       |
| IDB                                                                                                                                                                       | Airflow | 59                                                         | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67                      | 71    |
| 70                                                                                                                                                                        | MBh     | 140.4                                                      | 142.4 | 146.6 | -     | 139.2 | 141.1 | 145.3 | -     | 135.5 | 137.5 | 141.7 | -     | 129.2 | 131.2 | 135.4 | -     | 121.5 | 123.5 | 127.7 | -     | 114.4 | 116.4 | 120.6                   | -     |
|                                                                                                                                                                           | S/T     | 0.58                                                       | 0.52  | 0.40  | -     | 0.58  | 0.52  | 0.41  | -     | 0.61  | 0.54  | 0.42  | -     | 0.63  | 0.56  | 0.43  | -     | 0.66  | 0.58  | 0.45  | -     | 0.74  | 0.66  | 0.52                    | -     |
|                                                                                                                                                                           | ΔT      | 21.08                                                      | 19.09 | 15.37 | -     | 21.03 | 19.04 | 15.31 | -     | 21.31 | 19.32 | 15.59 | -     | 21.01 | 19.02 | 15.29 | -     | 20.74 | 18.75 | 15.03 | -     | 21.99 | 20.00 | 16.28                   | -     |
|                                                                                                                                                                           | kW      | 8.25                                                       | 8.24  | 8.22  | -     | 9.25  | 9.24  | 9.23  | -     | 10.37 | 10.37 | 10.35 | -     | 11.59 | 11.58 | 11.56 | -     | 12.94 | 12.93 | 12.91 | -     | 14.53 | 14.52 | 14.50                   | -     |
|                                                                                                                                                                           | Amps    | 31.35                                                      | 31.31 | 31.23 | -     | 35.94 | 35.90 | 35.82 | -     | 41.07 | 41.03 | 40.95 | -     | 46.61 | 46.58 | 46.50 | -     | 52.81 | 52.78 | 52.70 | -     | 60.09 | 60.05 | 59.97                   | -     |
|                                                                                                                                                                           | Hi PR   | 264                                                        | 265   | 267   | -     | 306   | 307   | 309   | -     | 349   | 350   | 352   | -     | 396   | 397   | 399   | -     | 447   | 448   | 450   | -     | 500   | 502   | 503                     | -     |
|                                                                                                                                                                           | Lo PR   | 124                                                        | 126   | 129   | -     | 132   | 133   | 136   | -     | 138   | 140   | 143   | -     | 144   | 146   | 149   | -     | 149   | 151   | 154   | -     | 156   | 158   | 161                     | -     |
|                                                                                                                                                                           | MBh     | 141.5                                                      | 143.5 | 147.7 | -     | 140.3 | 142.3 | 146.4 | -     | 136.6 | 138.6 | 142.8 | -     | 130.3 | 132.3 | 136.5 | -     | 122.6 | 124.6 | 128.8 | -     | 115.5 | 117.5 | 121.7                   | -     |
|                                                                                                                                                                           | S/T     | 0.60                                                       | 0.53  | 0.41  | -     | 0.60  | 0.54  | 0.42  | -     | 0.63  | 0.56  | 0.44  | -     | 0.65  | 0.58  | 0.45  | -     | 0.68  | 0.60  | 0.46  | -     | 0.77  | 0.69  | 0.53                    | -     |
|                                                                                                                                                                           | ΔT      | 20.35                                                      | 18.36 | 14.64 | -     | 20.30 | 18.30 | 14.58 | -     | 20.58 | 18.58 | 14.86 | -     | 20.28 | 18.28 | 14.56 | -     | 20.01 | 18.02 | 14.29 | -     | 21.26 | 19.27 | 15.54                   | -     |
| 4500                                                                                                                                                                      | kW      | 8.28                                                       | 8.27  | 8.26  | -     | 9.28  | 9.28  | 9.26  | -     | 10.40 | 10.40 | 10.38 | -     | 11.62 | 11.61 | 11.59 | -     | 12.97 | 12.96 | 12.95 | -     | 14.56 | 14.55 | 14.54                   | -     |
|                                                                                                                                                                           | Amps    | 31.49                                                      | 31.45 | 31.38 | -     | 36.08 | 36.05 | 35.97 | -     | 41.21 | 41.17 | 41.10 | -     | 46.76 | 46.72 | 46.64 | -     | 52.96 | 52.92 | 52.84 | -     | 60.23 | 60.19 | 60.12                   | -     |
|                                                                                                                                                                           | Hi PR   | 265                                                        | 267   | 268   | -     | 307   | 308   | 310   | -     | 351   | 352   | 354   | -     | 397   | 399   | 400   | -     | 448   | 449   | 451   | -     | 502   | 503   | 505                     | -     |
|                                                                                                                                                                           | Lo PR   | 125                                                        | 127   | 130   | -     | 133   | 135   | 138   | -     | 140   | 141   | 144   | -     | 145   | 147   | 150   | -     | 151   | 152   | 155   | -     | 157   | 159   | 162                     | -     |
|                                                                                                                                                                           | MBh     | 144.9                                                      | 146.9 | 151.1 | -     | 143.7 | 145.7 | 149.9 | -     | 140.0 | 142.0 | 146.2 | -     | 133.7 | 135.7 | 139.9 | -     | 126.0 | 128.0 | 132.2 | -     | 119.0 | 120.9 | 125.1                   | -     |
|                                                                                                                                                                           | S/T     | 0.65                                                       | 0.57  | 0.43  | -     | 0.65  | 0.57  | 0.43  | -     | 0.68  | 0.60  | 0.45  | -     | 0.70  | 0.61  | 0.46  | -     | 0.73  | 0.64  | 0.48  | -     | 0.82  | 0.73  | 0.56                    | -     |
|                                                                                                                                                                           | ΔT      | 18.90                                                      | 16.91 | 13.19 | -     | 18.85 | 16.85 | 13.13 | -     | 19.13 | 17.13 | 13.41 | -     | 18.83 | 16.83 | 13.11 | -     | 18.56 | 16.57 | 12.84 | -     | 19.81 | 17.81 | 14.09                   | -     |
|                                                                                                                                                                           | kW      | 8.34                                                       | 8.34  | 8.32  | -     | 9.35  | 9.34  | 9.32  | -     | 10.47 | 10.46 | 10.44 | -     | 11.68 | 11.67 | 11.65 | -     | 13.03 | 13.03 | 13.01 | -     | 14.62 | 14.61 | 14.60                   | -     |
|                                                                                                                                                                           | Amps    | 31.78                                                      | 31.74 | 31.66 | -     | 36.37 | 36.33 | 36.25 | -     | 41.50 | 41.46 | 41.38 | -     | 47.04 | 47.01 | 46.93 | -     | 53.24 | 53.21 | 53.13 | -     | 60.52 | 60.48 | 60.40                   | -     |
|                                                                                                                                                                           | Hi PR   | 269                                                        | 270   | 272   | -     | 310   | 311   | 313   | -     | 354   | 355   | 357   | -     | 401   | 402   | 404   | -     | 451   | 452   | 454   | -     | 505   | 506   | 508                     | -     |
|                                                                                                                                                                           | Lo PR   | 129                                                        | 130   | 133   | -     | 136   | 138   | 141   | -     | 143   | 144   | 147   | -     | 146   | 150   | 153   | -     | 154   | 155   | 158   | -     | 161   | 162   | 165                     | -     |
| 75                                                                                                                                                                        | MBh     | 141.1                                                      | 143.1 | 147.3 | 153.7 | 139.9 | 141.8 | 146.0 | 152.4 | 136.2 | 138.2 | 142.4 | 148.8 | 129.9 | 131.9 | 136.1 | 142.5 | 122.2 | 124.2 | 128.4 | 134.8 | 115.1 | 117.1 | 121.3                   | 127.7 |
|                                                                                                                                                                           | S/T     | 0.69                                                       | 0.63  | 0.52  | 0.40  | 0.70  | 0.64  | 0.52  | 0.40  | 0.73  | 0.66  | 0.54  | 0.42  | 0.75  | 0.68  | 0.56  | 0.43  | 0.79  | 0.72  | 0.58  | 0.44  | 0.88  | 0.80  | 0.66                    | 0.51  |
|                                                                                                                                                                           | ΔT      | 25.47                                                      | 23.47 | 19.75 | 15.9  | 25.41 | 23.42 | 19.70 | 15.8  | 25.69 | 23.70 | 19.98 | 16.1  | 25.39 | 23.40 | 19.68 | 15.8  | 25.13 | 23.13 | 19.41 | 15.6  | 26.37 | 24.38 | 20.66                   | 16.8  |
|                                                                                                                                                                           | kW      | 8.24                                                       | 8.23  | 8.22  | 8.3   | 9.25  | 9.24  | 9.22  | 9.3   | 10.37 | 10.36 | 10.34 | 10.4  | 11.58 | 11.57 | 11.55 | 11.6  | 12.93 | 12.93 | 12.91 | 13.0  | 14.52 | 14.51 | 14.50                   | 14.6  |
|                                                                                                                                                                           | Amps    | 31.32                                                      | 31.28 | 31.20 | 31.6  | 35.91 | 35.87 | 35.79 | 36.1  | 41.04 | 41.00 | 40.92 | 41.3  | 46.58 | 46.55 | 46.47 | 46.8  | 52.78 | 52.75 | 52.67 | 53.0  | 60.06 | 60.02 | 59.94                   | 60.3  |
|                                                                                                                                                                           | Hi PR   | 264                                                        | 265   | 267   | 271.9 | 306   | 307   | 309   | 313.5 | 349   | 351   | 352   | 357.0 | 396   | 397   | 399   | 403.8 | 447   | 448   | 450   | 454.4 | 501   | 502   | 504                     | 508.3 |
|                                                                                                                                                                           | Lo PR   | 124                                                        | 126   | 129   | 134.3 | 132   | 133   | 137   | 141.8 | 138   | 140   | 143   | 148.4 | 139   | 146   | 149   | 153.9 | 149   | 151   | 154   | 159.4 | 156   | 158   | 161                     | 165.0 |
|                                                                                                                                                                           | MBh     | 142.3                                                      | 144.3 | 148.5 | 154.9 | 141.1 | 143.1 | 147.2 | 153.7 | 137.4 | 139.4 | 143.6 | 150.0 | 131.1 | 133.1 | 137.3 | 143.7 | 123.4 | 125.4 | 129.6 | 136.0 | 116.3 | 118.3 | 122.5                   | 128.9 |
|                                                                                                                                                                           | S/T     | 0.73                                                       | 0.66  | 0.54  | 0.41  | 0.73  | 0.66  | 0.54  | 0.41  | 0.76  | 0.69  | 0.56  | 0.43  | 0.79  | 0.71  | 0.58  | 0.44  | 0.83  | 0.75  | 0.60  | 0.46  | 0.92  | 0.84  | 0.68                    | 0.52  |
|                                                                                                                                                                           | ΔT      | 24.74                                                      | 22.74 | 19.02 | 15.2  | 24.68 | 22.69 | 18.96 | 15.1  | 24.96 | 22.97 | 19.24 | 15.4  | 24.66 | 22.67 | 18.94 | 15.1  | 24.39 | 22.40 | 18.68 | 14.8  | 25.64 | 23.65 | 19.93                   | 16.1  |
|                                                                                                                                                                           | kW      | 8.27                                                       | 8.27  | 8.25  | 8.3   | 9.28  | 9.27  | 9.25  | 9.3   | 10.40 | 10.39 | 10.37 | 10.4  | 11.61 | 11.60 | 11.59 | 11.7  | 12.96 | 12.96 | 12.94 | 13.0  | 14.55 | 14.55 | 14.53                   | 14.6  |
| 4500                                                                                                                                                                      | Amps    | 31.46                                                      | 31.43 | 31.35 | 31.7  | 36.05 | 36.02 | 35.94 | 36.3  | 41.18 | 41.14 | 41.07 | 41.4  | 46.73 | 46.69 | 46.61 | 47.0  | 52.93 | 52.89 | 52.81 | 53.2  | 60.20 | 60.16 | 60.09                   | 60.4  |
|                                                                                                                                                                           | Hi PR   | 266                                                        | 267   | 269   | 273.3 | 307   | 308   | 310   | 314.8 | 351   | 352   | 354   | 358.4 | 398   | 399   | 401   | 405.2 | 448   | 449   | 451   | 455.8 | 502   | 503   | 505                     | 509.7 |
|                                                                                                                                                                           | Lo PR   | 125                                                        | 127   | 130   | 135.4 | 133   | 135   | 138   | 143.0 | 140   | 141   | 144   | 149.5 | 139   | 147   | 150   | 155.1 | 151   | 150   | 155   | 160.6 | 157   | 159   | 162                     | 167.4 |
|                                                                                                                                                                           | MBh     | 145.7                                                      | 147.7 | 151.9 | 158.3 | 144.5 | 146.5 | 150.7 | 157.1 | 140.8 | 142.8 | 147.0 | 153.4 | 134.5 | 136.5 | 140.7 | 147.1 | 126.8 | 128.8 | 133.0 | 139.4 | 119.8 | 121.7 | 125.9                   | 132.3 |
|                                                                                                                                                                           | S/T     | 0.79                                                       | 0.71  | 0.57  | 0.43  | 0.80  | 0.72  | 0.58  | 0.43  | 0.83  | 0.75  | 0.60  | 0.45  | 0.85  | 0.77  | 0.62  | 0.46  | 0.90  | 0.81  | 0.64  | 0.47  | 1.00  | 0.90  | 0.73                    | 0.55  |
|                                                                                                                                                                           | ΔT      | 23.28                                                      | 21.29 | 17.57 | 13.7  | 23.23 | 21.24 | 17.51 | 13.7  | 23.51 | 21.52 | 17.79 | 13.9  | 23.21 | 21.22 | 17.49 | 13.6  | 22.94 | 20.95 | 17.23 | 13.4  | 24.19 | 22.20 | 18.48                   | 14.6  |
|                                                                                                                                                                           | kW      | 8.34                                                       | 8.33  | 8.31  | 8.4   | 9.34  | 9.33  | 9.32  | 9.4   | 10.46 | 10.45 | 10.44 | 10.5  | 11.67 | 11.66 | 11.65 | 11.7  | 13.03 | 13.02 | 13.00 | 13.1  | 14.62 | 14.61 | 14.59                   | 14.7  |
|                                                                                                                                                                           | Amps    | 31.75                                                      | 31.71 | 31.63 | 32.0  | 36.34 | 36.30 | 36.22 | 36.6  | 41.47 | 41.43 | 41.35 | 41.7  | 47.01 | 46.98 | 46.90 | 47.3  | 53.21 | 53.18 | 53.10 | 53.4  | 60.49 | 60.45 | 60.37                   | 60.7  |
|                                                                                                                                                                           | Hi PR   | 269                                                        | 270   | 272   | 276.5 | 310   | 312   | 313   | 318.1 | 354   | 355   | 357   | 361.6 | 401   | 402   | 404   | 408.4 | 451   | 453   | 454   | 459.0 | 505   | 506   | 508                     | 512.9 |
|                                                                                                                                                                           | Lo PR   | 129                                                        | 130   | 133   | 138.5 | 136   | 138   | 141   | 146.0 | 139   | 144   | 147   | 152.6 | 139   | 150   | 153   | 158.2 | 154   | 154   | 158   | 163.6 | 140   | 162   | 165                     | 170.5 |
| IDB: Entering Indoor Dry Bulb Temperature                                                                                                                                 |         | Shaded area reflects ACCA (TVA) conditions                 |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       | kW = Total system power |       |
| High and low pressures are measured at the liquid and suction access fittings.                                                                                            |         | Amps: Unit amps (comp.+ evaporator + condenser fan motors) |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                         |       |
| Design Subcooling, 16 - 19°F @ the liquid access fitting connection ARI 95 test conditions. Design Superheat 8 - 12°F @ the compressor suction access fitting connection. |         |                                                            |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |                         |       |

|       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 85    | 3500  | MBh   | 144.2 | 146.2 | 150.4 | 156.8 | 143.0 | 144.9 | 149.1 | 155.5 | 139.3 | 141.3 | 145.5 | 151.9 | 133.0 | 135.0 | 139.2 | 145.6 | 125.3 | 127.3 | 131.5 | 137.9 | 118.2 | 120.2 | 124.4 | 130.8 |
|       |       | S/T   | 0.90  | 0.84  | 0.72  | 0.59  | 0.91  | 0.84  | 0.72  | 0.60  | 0.94  | 0.87  | 0.75  | 0.62  | 0.98  | 0.90  | 0.77  | 0.64  | 1.00  | 0.95  | 0.81  | 0.67  | 1.00  | 1.00  | 0.90  | 0.74  |
|       |       | ΔT    | 33.79 | 31.80 | 28.08 | 24.2  | 33.74 | 31.75 | 28.02 | 24.2  | 34.02 | 32.03 | 28.30 | 24.4  | 33.72 | 31.73 | 28.00 | 24.1  | 32.54 | 31.46 | 27.74 | 23.9  | 30.71 | 31.23 | 28.99 | 25.1  |
|       |       | kW    | 8.27  | 8.26  | 8.24  | 8.3   | 9.27  | 9.26  | 9.25  | 9.3   | 10.39 | 10.38 | 10.37 | 10.4  | 11.60 | 11.60 | 11.58 | 11.7  | 12.96 | 12.95 | 12.93 | 13.0  | 14.55 | 14.54 | 14.52 | 14.6  |
|       |       | Amps  | 31.43 | 31.39 | 31.31 | 31.7  | 36.02 | 35.99 | 35.91 | 36.3  | 41.15 | 41.11 | 41.03 | 41.4  | 46.70 | 46.66 | 46.58 | 46.9  | 52.89 | 52.86 | 52.78 | 53.1  | 60.17 | 60.13 | 60.05 | 60.4  |
|       |       | Hi PR | 266   | 267   | 269   | 273.6 | 308   | 309   | 311   | 315.2 | 351   | 352   | 354   | 358.7 | 398   | 399   | 401   | 405.6 | 448   | 450   | 451   | 456.1 | 502   | 504   | 505   | 510.0 |
|       |       | Lo PR | 127   | 128   | 131   | 136.7 | 134   | 136   | 139   | 144.2 | 141   | 141   | 146   | 150.8 | 115   | 141   | 151   | 156.3 | 149   | 142   | 157   | 161.8 | 194   | 160   | 163   | 168.7 |
|       | 3800  | MBh   | 145.4 | 147.4 | 151.6 | 158.0 | 144.2 | 146.1 | 150.3 | 156.7 | 140.5 | 142.5 | 146.7 | 153.1 | 134.2 | 136.2 | 140.4 | 146.8 | 126.5 | 128.5 | 132.7 | 139.1 | 119.4 | 121.4 | 125.6 | 132.0 |
|       |       | S/T   | 0.95  | 0.88  | 0.75  | 0.62  | 0.96  | 0.89  | 0.76  | 0.62  | 0.99  | 0.92  | 0.79  | 0.65  | 1.00  | 0.95  | 0.81  | 0.67  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.94  | 0.77  |
|       |       | ΔT    | 33.06 | 31.07 | 27.35 | 23.5  | 33.01 | 31.01 | 27.29 | 23.4  | 33.29 | 31.29 | 27.57 | 23.7  | 32.10 | 30.99 | 27.27 | 23.4  | 30.26 | 30.73 | 27.00 | 23.1  | 28.57 | 29.05 | 28.25 | 24.4  |
| kW    |       | 8.30  | 8.29  | 8.27  | 8.4   | 9.30  | 9.29  | 9.28  | 9.4   | 10.42 | 10.41 | 10.40 | 10.5  | 11.63 | 11.63 | 11.61 | 11.7  | 12.99 | 12.98 | 12.96 | 13.0  | 14.58 | 14.57 | 14.55 | 14.6  |       |
| Amps  |       | 31.57 | 31.54 | 31.46 | 31.8  | 36.17 | 36.13 | 36.05 | 36.4  | 41.29 | 41.26 | 41.18 | 41.5  | 46.84 | 46.80 | 46.73 | 47.1  | 53.04 | 53.00 | 52.92 | 53.3  | 60.31 | 60.28 | 60.20 | 60.5  |       |
| Hi PR |       | 267   | 269   | 270   | 275.0 | 309   | 310   | 312   | 316.6 | 353   | 354   | 355   | 360.1 | 399   | 401   | 402   | 407.0 | 450   | 451   | 453   | 457.5 | 504   | 505   | 507   | 511.4 |       |
| Lo PR |       | 128   | 129   | 133   | 137.8 | 115   | 137   | 140   | 145.4 | 115   | 142   | 147   | 151.9 | 148   | 141   | 152   | 157.5 | 153   | 142   | 158   | 163.0 | 160   | 159   | 161   | 169.8 |       |
| 4500  | MBh   | 148.8 | 150.8 | 155.0 | 161.4 | 147.6 | 149.6 | 153.8 | 160.2 | 143.9 | 145.9 | 150.1 | 156.5 | 137.6 | 139.6 | 143.8 | 150.2 | 129.9 | 131.9 | 136.1 | 142.5 | 122.9 | 124.8 | 129.0 | 135.4 |       |
|       | S/T   | 1.00  | 0.97  | 0.83  | 0.68  | 1.00  | 0.98  | 0.83  | 0.68  | 1.00  | 1.00  | 0.86  | 0.70  | 1.00  | 1.00  | 0.89  | 0.72  | 1.00  | 1.00  | 0.93  | 0.75  | 1.00  | 1.00  | 1.00  | 0.84  |       |
|       | ΔT    | 30.07 | 29.62 | 25.90 | 22.0  | 29.81 | 29.56 | 25.84 | 22.0  | 29.07 | 29.47 | 26.12 | 22.3  | 27.80 | 28.20 | 25.82 | 22.0  | 26.24 | 26.64 | 25.55 | 21.7  | 24.82 | 25.22 | 26.07 | 22.9  |       |
|       | kW    | 8.36  | 8.35  | 8.34  | 8.4   | 9.36  | 9.36  | 9.34  | 9.4   | 10.48 | 10.48 | 10.46 | 10.5  | 11.70 | 11.69 | 11.67 | 11.7  | 13.05 | 13.04 | 13.03 | 13.1  | 14.64 | 14.63 | 14.62 | 14.7  |       |
|       | Amps  | 31.86 | 31.82 | 31.74 | 32.1  | 36.45 | 36.42 | 36.34 | 36.7  | 41.58 | 41.54 | 41.46 | 41.8  | 47.13 | 47.09 | 47.01 | 47.4  | 53.33 | 53.29 | 53.21 | 53.6  | 60.60 | 60.56 | 60.48 | 60.8  |       |
|       | Hi PR | 271   | 272   | 274   | 278.2 | 312   | 313   | 315   | 319.8 | 356   | 357   | 359   | 363.3 | 403   | 404   | 406   | 410.2 | 453   | 454   | 456   | 460.7 | 507   | 508   | 510   | 514.6 |       |
|       | Lo PR | 121   | 121   | 126   | 140.9 | 128   | 130   | 142   | 149.4 | 145   | 147   | 150.1 | 155.0 | 151   | 152   | 155   | 160.6 | 156   | 158   | 161   | 166.0 | 162   | 164   | 169   | 172.9 |       |

**kW = Total system power**  
**Amps: Unit amps (comp.+ evaporator + condenser fan motors)**  
**suction access fitting connection.**

Shaded area reflects ACCA (TVA) conditions

**IDB: Entering Indoor Dry Bulb Temperature**  
High and low pressures are measured at the liquid and suction access fittings.

[illegible]

| MODEL # | MIN AIRFLOW | EHXD-3M10 | EHXD-3M15 | EHXD-3M30 | EHXD-3M20 | EHXD-3M45 | EHXD-3M60 | EHXD-4M10 | EHXD-4M15 | EHXD-4M30 | EHXD-4M20 | EHXD-4M45 | EHXD-4M60 | EHXD-7M10 | EHXD-7M15 | EHXD-7M30 | EHXD-7M20 | EHXD-7M45 | EHXD-7M60 |
|---------|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| DHC0903 | 2500        | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |
| DHC0904 |             |           |           |           |           |           |           | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |
| DHC0907 |             |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         |           |
| DHC1023 | 2850        | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |           |
| DHC1024 |             |           |           |           |           |           |           | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |
| DHC1027 |             |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         |           |
| DHC1203 | 3150        | X         | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |
| DHC1204 |             |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |           |           |
| DHC1207 |             |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |
| DHC1503 | 3750        | X         | X         | X         | X         | X         | X         |           |           |           |           |           |           |           |           |           |           |           |           |
| DHC1504 |             |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |           |           |           |           |           |           |
| DHC1507 |             |           |           |           |           |           |           |           |           |           |           |           |           | X         | X         | X         | X         | X         | X         |

## 7.5 Ton Cooler • Standard Static Direct Drive

Models: DHC0903D, DHC0904D, DHC0907D

| DOWN FLOW |     |      |     |      | HORIZONTAL FLOW |     |      |     |      |
|-----------|-----|------|-----|------|-----------------|-----|------|-----|------|
| SPEED TAP | ESP | CFM  | RPM | BHP  | SPEED TAP       | ESP | CFM  | RPM | BHP  |
| T1        | 0.2 | 2013 | 593 | 0.38 | T1              | 0.2 | 1863 | 481 | 0.31 |
|           | 0.4 | 1848 | 663 | 0.43 |                 | 0.4 | 1644 | 557 | 0.36 |
|           | 0.6 | 1682 | 733 | 0.48 |                 | 0.6 | -    | -   | -    |
|           | 0.8 | 1517 | 803 | 0.52 |                 | 0.8 | -    | -   | -    |
| T2        | 0.2 | 2554 | 673 | 0.64 | T2              | 0.2 | 2422 | 567 | 0.54 |
|           | 0.4 | 2428 | 731 | 0.70 |                 | 0.4 | 2325 | 618 | 0.59 |
|           | 0.6 | 2269 | 792 | 0.75 |                 | 0.6 | 2147 | 683 | 0.65 |
|           | 0.8 | 2126 | 841 | 0.80 |                 | 0.8 | 1889 | 762 | 0.73 |
| T3        | 0.2 | 3038 | 751 | 0.98 | T3              | 0.2 | 2993 | 652 | 0.85 |
|           | 0.4 | 2928 | 801 | 1.04 |                 | 0.4 | 2869 | 696 | 0.91 |
|           | 0.6 | 2816 | 852 | 1.11 |                 | 0.6 | 2730 | 742 | 0.97 |
|           | 0.8 | 2713 | 901 | 1.17 |                 | 0.8 | 2606 | 788 | 1.03 |
| T4        | 0.2 | 3220 | 779 | 1.13 | T4              | 0.2 | 3176 | 683 | 0.99 |
|           | 0.4 | 3103 | 829 | 1.20 |                 | 0.4 | 3056 | 719 | 1.04 |
|           | 0.6 | 3001 | 876 | 1.27 |                 | 0.6 | 2914 | 763 | 1.10 |
|           | 0.8 | 2892 | 923 | 1.34 |                 | 0.8 | 2808 | 807 | 1.17 |
| T5        | 0.2 | 3390 | 812 | 1.29 | T5              | 0.2 | 3350 | 713 | 1.15 |
|           | 0.4 | 3281 | 859 | 1.37 |                 | 0.4 | 3248 | 749 | 1.20 |
|           | 0.6 | 3178 | 905 | 1.44 |                 | 0.6 | 3116 | 789 | 1.27 |
|           | 0.8 | 3075 | 947 | 1.51 |                 | 0.8 | 3027 | 831 | 1.34 |
| T6        | 0.2 | 3038 | 751 | 0.98 | T6              | 0.2 | 2993 | 652 | 0.85 |
|           | 0.4 | 2928 | 801 | 1.04 |                 | 0.4 | 2869 | 696 | 0.91 |
|           | 0.6 | 2816 | 852 | 1.11 |                 | 0.6 | 2730 | 742 | 0.97 |
|           | 0.8 | 2713 | 901 | 1.17 |                 | 0.8 | 2606 | 788 | 1.03 |
| T7        | 0.2 | 3390 | 812 | 1.29 | T7              | 0.2 | 3350 | 713 | 1.15 |
|           | 0.4 | 3281 | 859 | 1.37 |                 | 0.4 | 3248 | 749 | 1.20 |
|           | 0.6 | 3178 | 905 | 1.44 |                 | 0.6 | 3116 | 789 | 1.27 |
|           | 0.8 | 3075 | 947 | 1.51 |                 | 0.8 | 3027 | 831 | 1.34 |
| T8        | 0.2 | 3038 | 751 | 0.98 | T8              | 0.2 | 2097 | 519 | 0.40 |
|           | 0.4 | 2928 | 801 | 1.04 |                 | 0.4 | 2869 | 696 | 0.91 |
|           | 0.6 | 2816 | 852 | 1.11 |                 | 0.6 | 2730 | 742 | 0.97 |
|           | 0.8 | 2713 | 901 | 1.17 |                 | 0.8 | 2606 | 788 | 1.03 |
| T9        | 0.2 | 3220 | 779 | 1.13 | T9              | 0.2 | 3176 | 683 | 0.99 |
|           | 0.4 | 3103 | 829 | 1.20 |                 | 0.4 | 3056 | 719 | 1.04 |
|           | 0.6 | 3001 | 876 | 1.27 |                 | 0.6 | 2914 | 763 | 1.10 |
|           | 0.8 | 2892 | 923 | 1.34 |                 | 0.8 | 2808 | 807 | 1.17 |
| T10       | 0.2 | 3390 | 812 | 1.29 | T10             | 0.2 | 3350 | 713 | 1.15 |
|           | 0.4 | 3281 | 859 | 1.37 |                 | 0.4 | 3248 | 749 | 1.20 |
|           | 0.6 | 3178 | 905 | 1.44 |                 | 0.6 | 3116 | 789 | 1.27 |
|           | 0.8 | 3075 | 947 | 1.51 |                 | 0.8 | 3027 | 831 | 1.34 |

## 7.5 Ton Cooler • Medium Static Direct Drive

Models: DHC0903L, DHC0904L, DHC0907L

| DOWN FLOW |      |      |      |      | HORIZONTAL FLOW |      |      |     |      |
|-----------|------|------|------|------|-----------------|------|------|-----|------|
| SPEED TAP | ESP  | CFM  | RPM  | BHP  | SPEED TAP       | ESP  | CFM  | RPM | BHP  |
| T1        | 0.20 | 2013 | 593  | 0.38 | T1              | 0.20 | 1863 | 481 | 0.31 |
|           | 0.40 | 1848 | 663  | 0.43 |                 | 0.40 | 1644 | 557 | 0.36 |
|           | 0.60 | 1682 | 733  | 0.48 |                 | 0.60 | -    | -   | -    |
|           | 0.80 | 1517 | 803  | 0.52 |                 | 0.80 | -    | -   | -    |
|           | 1.00 | -    | -    | -    |                 | 1.00 | -    | -   | -    |
|           | 1.20 | -    | -    | -    |                 | 1.20 | -    | -   | -    |
|           | 1.40 | -    | -    | -    |                 | 1.40 | -    | -   | -    |
| T2        | 0.2  | 3123 | 768  | 1.05 | T2              | 0.20 | 3067 | 653 | 0.89 |
|           | 0.4  | 3011 | 818  | 1.12 |                 | 0.40 | 2912 | 696 | 0.95 |
|           | 0.6  | 2902 | 864  | 1.18 |                 | 0.60 | 2711 | 750 | 1.03 |
|           | 0.8  | 2798 | 912  | 1.25 |                 | 0.80 | 2564 | 791 | 1.08 |
|           | 1.0  | 2681 | 961  | 1.32 |                 | 1.00 | 2396 | 837 | 1.15 |
|           | 1.2  | 2501 | 1010 | 1.38 |                 | 1.20 | 2132 | 905 | 1.24 |
|           | 1.4  | 2266 | 1076 | 1.47 |                 | 1.40 | 1872 | 971 | 1.33 |
| T3        | 0.2  | 3038 | 751  | 0.98 | T3              | 0.2  | 2950 | 667 | 0.87 |
|           | 0.4  | 2928 | 801  | 1.04 |                 | 0.4  | 2869 | 696 | 0.91 |
|           | 0.6  | 2816 | 852  | 1.11 |                 | 0.6  | 2730 | 742 | 0.97 |
|           | 0.8  | 2713 | 901  | 1.17 |                 | 0.8  | 2606 | 788 | 1.03 |
|           | 1.0  | 2591 | 951  | 1.24 |                 | 1.0  | 2456 | 841 | 1.10 |
|           | 1.2  | 2369 | 1003 | 1.31 |                 | 1.2  | -    | -   | -    |
|           | 1.4  | -    | -    | -    |                 | 1.4  | -    | -   | -    |
| T4        | 0.2  | 3538 | 847  | 1.47 | T4              | 0.2  | 3559 | 653 | 1.28 |
|           | 0.4  | 3436 | 884  | 1.54 |                 | 0.4  | 3410 | 781 | 1.36 |
|           | 0.6  | 3325 | 930  | 1.62 |                 | 0.6  | 3292 | 818 | 1.42 |
|           | 0.8  | 3243 | 971  | 1.69 |                 | 0.8  | 3217 | 849 | 1.48 |
|           | 1.0  | 3154 | 1017 | 1.77 |                 | 1.0  | 3084 | 892 | 1.55 |
|           | 1.2  | 3040 | 1056 | 1.84 |                 | 1.2  | 2966 | 931 | 1.62 |
|           | 1.4  | 2918 | 1095 | 1.90 |                 | 1.4  | 2845 | 971 | 1.69 |
| T5        | 0.2  | 3675 | 866  | 1.63 | T5              | 0.2  | 3676 | 775 | 1.48 |
|           | 0.4  | 3577 | 906  | 1.70 |                 | 0.4  | 3529 | 819 | 1.56 |
|           | 0.6  | 3483 | 948  | 1.78 |                 | 0.6  | 3451 | 847 | 1.61 |
|           | 0.8  | 3385 | 988  | 1.86 |                 | 0.8  | 3359 | 880 | 1.68 |
|           | 1.0  | 3300 | 1028 | 1.93 |                 | 1.0  | 3227 | 919 | 1.75 |
|           | 1.2  | 3208 | 1070 | 2.01 |                 | 1.2  | 3129 | 954 | 1.82 |
|           | 1.4  | 3112 | 1109 | 2.09 |                 | 1.4  | 3001 | 993 | 1.89 |
| T6        | 0.2  | 3390 | 812  | 1.29 | T6              | 0.2  | 3350 | 713 | 1.15 |
|           | 0.4  | 3281 | 859  | 1.37 |                 | 0.4  | 3248 | 749 | 1.20 |
|           | 0.6  | 3178 | 905  | 1.44 |                 | 0.6  | 3116 | 789 | 1.27 |
|           | 0.8  | 3075 | 947  | 1.51 |                 | 0.8  | 3027 | 831 | 1.34 |
|           | 1.0  | 2968 | 994  | 1.59 |                 | 1.0  | 2888 | 874 | 1.40 |
|           | 1.2  | 2861 | 1036 | 1.65 |                 | 1.2  | 2742 | 923 | 1.48 |
|           | 1.4  | -    | -    | -    |                 | 1.4  | 2611 | 974 | 1.57 |
| T7        | 0.2  | 3675 | 866  | 1.63 | T7              | 0.2  | 3676 | 775 | 1.48 |
|           | 0.4  | 3577 | 906  | 1.70 |                 | 0.4  | 3529 | 819 | 1.56 |
|           | 0.6  | 3483 | 948  | 1.78 |                 | 0.6  | 3451 | 847 | 1.61 |
|           | 0.8  | 3385 | 988  | 1.86 |                 | 0.8  | 3359 | 880 | 1.68 |
|           | 1.0  | 3300 | 1028 | 1.93 |                 | 1.0  | 3227 | 919 | 1.75 |
|           | 1.2  | 3208 | 1070 | 2.01 |                 | 1.2  | 3129 | 954 | 1.82 |
|           | 1.4  | 3112 | 1109 | 2.09 |                 | 1.4  | 3001 | 993 | 1.89 |
| T8        | 0.2  | 3390 | 812  | 1.29 | T8              | 0.2  | 3350 | 713 | 1.15 |
|           | 0.4  | 3281 | 859  | 1.37 |                 | 0.4  | 3248 | 749 | 1.20 |
|           | 0.6  | 3178 | 905  | 1.44 |                 | 0.6  | 3116 | 789 | 1.27 |
|           | 0.8  | 3075 | 947  | 1.51 |                 | 0.8  | 3027 | 831 | 1.34 |
|           | 1.0  | 2968 | 994  | 1.59 |                 | 1.0  | 2888 | 874 | 1.40 |
|           | 1.2  | 2861 | 1036 | 1.65 |                 | 1.2  | 2742 | 923 | 1.48 |
|           | 1.4  | -    | -    | -    |                 | 1.4  | 2611 | 974 | 1.57 |
| T9        | 0.2  | 3538 | 847  | 1.47 | T9              | 0.2  | 3559 | 653 | 1.28 |
|           | 0.4  | 3436 | 884  | 1.54 |                 | 0.4  | 3410 | 781 | 1.36 |
|           | 0.6  | 3325 | 930  | 1.62 |                 | 0.6  | 3292 | 818 | 1.42 |
|           | 0.8  | 3243 | 971  | 1.69 |                 | 0.8  | 3217 | 849 | 1.48 |
|           | 1.0  | 3154 | 1017 | 1.77 |                 | 1.0  | 3084 | 892 | 1.55 |
|           | 1.2  | 3040 | 1056 | 1.84 |                 | 1.2  | 2966 | 931 | 1.62 |
|           | 1.4  | 2918 | 1095 | 1.90 |                 | 1.4  | 2845 | 971 | 1.69 |
| T10       | 0.2  | 3675 | 866  | 1.63 | T10             | 0.2  | 3676 | 775 | 1.48 |
|           | 0.4  | 3577 | 906  | 1.70 |                 | 0.4  | 3529 | 819 | 1.56 |
|           | 0.6  | 3483 | 948  | 1.78 |                 | 0.6  | 3451 | 847 | 1.61 |
|           | 0.8  | 3385 | 988  | 1.86 |                 | 0.8  | 3359 | 880 | 1.68 |
|           | 1.0  | 3300 | 1028 | 1.93 |                 | 1.0  | 3227 | 919 | 1.75 |
|           | 1.2  | 3208 | 1070 | 2.01 |                 | 1.2  | 3129 | 954 | 1.82 |
|           | 1.4  | 3112 | 1109 | 2.09 |                 | 1.4  | 3001 | 993 | 1.89 |

7.5 Ton Cooler • High Static Direct Drive  
Models: DHC0903W, DHC0904W, DHC0907W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T1        | 0.2 | 2013 | 593  | 0.38 | T1              | 0.2 | 1863 | 481  | 0.31 |
|           | 0.4 | 1848 | 663  | 0.43 |                 | 0.4 | 1644 | 557  | 0.36 |
|           | 0.6 | 1682 | 733  | 0.48 |                 | 0.6 | -    | -    | -    |
|           | 0.8 | 1517 | 803  | 0.52 |                 | 0.8 | -    | -    | -    |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T2        | 0.2 | 3220 | 779  | 1.13 | T2              | 0.2 | 3152 | 684  | 0.99 |
|           | 0.4 | 3103 | 829  | 1.20 |                 | 0.4 | 3056 | 719  | 1.04 |
|           | 0.6 | 3001 | 876  | 1.27 |                 | 0.6 | 2899 | 768  | 1.11 |
|           | 0.8 | 2892 | 923  | 1.34 |                 | 0.8 | 2808 | 807  | 1.17 |
|           | 1.0 | 2782 | 971  | 1.40 |                 | 1.0 | 2647 | 851  | 1.23 |
|           | 1.2 | 2653 | 1018 | 1.47 |                 | 1.2 | 2476 | 910  | 1.32 |
|           | 1.4 | 2417 | 1095 | 1.58 |                 | 1.4 | 2182 | 987  | 1.43 |
|           | 1.6 | 2202 | 1154 | 1.67 |                 | 1.6 | 2014 | 1034 | 1.50 |
|           | 1.8 | 2080 | 1192 | 1.72 |                 | 1.8 | 1886 | 1068 | 1.54 |
|           | 2.0 | 1947 | 1224 | 1.77 |                 | 2.0 | 1764 | 1102 | 1.59 |
| T3        | 0.2 | 3038 | 751  | 0.98 | T3              | 0.2 | 2993 | 652  | 0.85 |
|           | 0.4 | 2928 | 801  | 1.04 |                 | 0.4 | 2869 | 696  | 0.91 |
|           | 0.6 | 2816 | 852  | 1.11 |                 | 0.6 | 2730 | 742  | 0.97 |
|           | 0.8 | 2713 | 901  | 1.17 |                 | 0.8 | 2606 | 788  | 1.03 |
|           | 1.0 | 2591 | 951  | 1.24 |                 | 1.0 | 2456 | 841  | 1.10 |
|           | 1.2 | 2369 | 1003 | 1.31 |                 | 1.2 | 2333 | 884  | 1.15 |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T4        | 0.2 | -    | -    | -    | T4              | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | 3696 | 956  | 1.94 |                 | 0.6 | 3644 | 851  | 1.73 |
|           | 0.8 | 3543 | 1008 | 2.05 |                 | 0.8 | 3496 | 897  | 1.82 |
|           | 1.0 | 3454 | 1047 | 2.13 |                 | 1.0 | 3378 | 933  | 1.89 |
|           | 1.2 | 3376 | 1089 | 2.21 |                 | 1.2 | 3281 | 969  | 1.97 |
|           | 1.4 | 3284 | 1126 | 2.29 |                 | 1.4 | 3165 | 1004 | 2.04 |
|           | 1.6 | 3189 | 1161 | 2.36 |                 | 1.6 | 3029 | 1046 | 2.12 |
|           | 1.8 | 3054 | 1217 | 2.47 |                 | 1.8 | 2901 | 1088 | 2.21 |
|           | 2.0 | 2822 | 1285 | 2.61 |                 | 2.0 | 2719 | 1140 | 2.31 |
| T5        | 0.2 | -    | -    | -    | T5              | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | 3676 | 1026 | 2.23 |                 | 0.8 | 3629 | 927  | 2.02 |
|           | 1.0 | 3592 | 1061 | 2.31 |                 | 1.0 | 3533 | 958  | 2.09 |
|           | 1.2 | 3522 | 1095 | 2.38 |                 | 1.2 | 3448 | 988  | 2.15 |
|           | 1.4 | 3441 | 1141 | 2.48 |                 | 1.4 | 3342 | 1021 | 2.22 |
|           | 1.6 | 3343 | 1178 | 2.56 |                 | 1.6 | 3230 | 1057 | 2.30 |
|           | 1.8 | 3234 | 1218 | 2.65 |                 | 1.8 | 3114 | 1095 | 2.38 |
|           | 2.0 | 3164 | 1246 | 2.71 |                 | 2.0 | 2976 | 1142 | 2.49 |
| T6        | 0.2 | 3586 | 881  | 1.66 | T6              | 0.2 | 3586 | 764  | 1.47 |
|           | 0.4 | 3577 | 906  | 1.70 |                 | 0.4 | 3529 | 819  | 1.56 |
|           | 0.6 | 3483 | 948  | 1.78 |                 | 0.6 | 3451 | 847  | 1.61 |
|           | 0.8 | 3385 | 988  | 1.86 |                 | 0.8 | 3359 | 880  | 1.68 |
|           | 1.0 | 3300 | 1028 | 1.93 |                 | 1.0 | 3227 | 919  | 1.75 |
|           | 1.2 | 3208 | 1070 | 2.01 |                 | 1.2 | 3129 | 954  | 1.82 |
|           | 1.4 | 3112 | 1109 | 2.09 |                 | 1.4 | 3001 | 993  | 1.89 |
|           | 1.6 | 2995 | 1150 | 2.16 |                 | 1.6 | 2840 | 1040 | 1.98 |
|           | 1.8 | 2874 | 1197 | 2.25 |                 | 1.8 | 2702 | 1085 | 2.07 |
|           | 2.0 | 2573 | 1279 | 2.41 |                 | 2.0 | 2471 | 1142 | 2.18 |

7.5 Ton Cooler • High Static Direct Drive  
Models: DHC0903W, DHC0904W, DHC0907W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T7        | 0.2 | -    | -    | -    | T7              | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | 3676 | 1026 | 2.23 |                 | 0.8 | 3629 | 927  | 2.02 |
|           | 1.0 | 3592 | 1061 | 2.31 |                 | 1.0 | 3533 | 958  | 2.09 |
|           | 1.2 | 3522 | 1095 | 2.38 |                 | 1.2 | 3448 | 988  | 2.15 |
|           | 1.4 | 3441 | 1141 | 2.48 |                 | 1.4 | 3342 | 1021 | 2.22 |
|           | 1.6 | 3343 | 1178 | 2.56 |                 | 1.6 | 3230 | 1057 | 2.30 |
|           | 1.8 | 3234 | 1218 | 2.65 |                 | 1.8 | 3114 | 1095 | 2.38 |
|           | 2.0 | 3164 | 1246 | 2.71 |                 | 2.0 | 2976 | 1142 | 2.49 |
| T8        | 0.2 | 3586 | 881  | 1.66 | T8              | 0.2 | 3586 | 764  | 1.47 |
|           | 0.4 | 3577 | 906  | 1.70 |                 | 0.4 | 3529 | 819  | 1.56 |
|           | 0.6 | 3483 | 948  | 1.78 |                 | 0.6 | 3451 | 847  | 1.61 |
|           | 0.8 | 3385 | 988  | 1.86 |                 | 0.8 | 3359 | 880  | 1.68 |
|           | 1.0 | 3300 | 1028 | 1.93 |                 | 1.0 | 3227 | 919  | 1.75 |
|           | 1.2 | 3208 | 1070 | 2.01 |                 | 1.2 | 3129 | 954  | 1.82 |
|           | 1.4 | 3112 | 1109 | 2.09 |                 | 1.4 | 3001 | 993  | 1.89 |
|           | 1.6 | 2995 | 1150 | 2.16 |                 | 1.6 | 2840 | 1040 | 1.98 |
|           | 1.8 | 2874 | 1197 | 2.25 |                 | 1.8 | 2702 | 1085 | 2.07 |
|           | 2.0 | 2573 | 1279 | 2.41 |                 | 2.0 | 2471 | 1142 | 2.18 |
| T9        | 0.2 | -    | -    | -    | T9              | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | 3696 | 956  | 1.94 |                 | 0.6 | 3644 | 851  | 1.73 |
|           | 0.8 | 3543 | 1008 | 2.05 |                 | 0.8 | 3496 | 897  | 1.82 |
|           | 1.0 | 3454 | 1047 | 2.13 |                 | 1.0 | 3378 | 933  | 1.89 |
|           | 1.2 | 3376 | 1089 | 2.21 |                 | 1.2 | 3281 | 969  | 1.97 |
|           | 1.4 | 3284 | 1126 | 2.29 |                 | 1.4 | 3165 | 1004 | 2.04 |
|           | 1.6 | 3189 | 1161 | 2.36 |                 | 1.6 | 3029 | 1046 | 2.12 |
|           | 1.8 | 3054 | 1217 | 2.47 |                 | 1.8 | 2901 | 1088 | 2.21 |
|           | 2.0 | 2822 | 1285 | 2.61 |                 | 2.0 | 2719 | 1140 | 2.31 |
| T10       | 0.2 | -    | -    | -    | T10             | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | 3676 | 1026 | 2.23 |                 | 0.8 | 3629 | 927  | 2.02 |
|           | 1.0 | 3592 | 1061 | 2.31 |                 | 1.0 | 3533 | 958  | 2.09 |
|           | 1.2 | 3522 | 1095 | 2.38 |                 | 1.2 | 3448 | 988  | 2.15 |
|           | 1.4 | 3441 | 1141 | 2.48 |                 | 1.4 | 3342 | 1021 | 2.22 |
|           | 1.6 | 3343 | 1178 | 2.56 |                 | 1.6 | 3230 | 1057 | 2.30 |
|           | 1.8 | 3234 | 1218 | 2.65 |                 | 1.8 | 3114 | 1095 | 2.38 |
|           | 2.0 | 3164 | 1246 | 2.71 |                 | 2.0 | 2976 | 1142 | 2.49 |

## 8.5 Ton Cooler • Standard Static Direct Drive

Models: DHC1023D, DHC1024D, DHC1027D

| DOWN FLOW |     |      |     |      |
|-----------|-----|------|-----|------|
| SPEED TAP | ESP | CFM  | RPM | BHP  |
| T1        | 0.2 | 2160 | 472 | 0.37 |
|           | 0.4 | 1958 | 530 | 0.41 |
|           | 0.6 | -    | -   | -    |
|           | 0.8 | -    | -   | -    |
| T2        | 0.2 | 2805 | 564 | 0.64 |
|           | 0.4 | 2638 | 619 | 0.70 |
|           | 0.6 | 2435 | 676 | 0.76 |
|           | 0.8 | 2256 | 723 | 0.82 |
| T3        | 0.2 | 3131 | 609 | 0.83 |
|           | 0.4 | 2967 | 657 | 0.90 |
|           | 0.6 | 2774 | 709 | 0.97 |
|           | 0.8 | 2605 | 750 | 1.03 |
| T4        | 0.2 | 3366 | 644 | 1.00 |
|           | 0.4 | 3222 | 689 | 1.08 |
|           | 0.6 | 3055 | 738 | 1.15 |
|           | 0.8 | 2891 | 778 | 1.21 |
| T5        | 0.2 | 3824 | 703 | 1.36 |
|           | 0.4 | 3704 | 743 | 1.43 |
|           | 0.6 | 3531 | 773 | 1.50 |
|           | 0.8 | 3414 | 823 | 1.60 |
| T6        | 0.2 | 3131 | 609 | 0.83 |
|           | 0.4 | 2967 | 657 | 0.90 |
|           | 0.6 | 2774 | 709 | 0.97 |
|           | 0.8 | -    | -   | -    |
| T7        | 0.2 | 3824 | 703 | 1.36 |
|           | 0.4 | 3704 | 743 | 1.43 |
|           | 0.6 | 3531 | 773 | 1.50 |
|           | 0.8 | 3414 | 823 | 1.60 |
| T8        | 0.2 | 3131 | 609 | 0.83 |
|           | 0.4 | 2967 | 657 | 0.90 |
|           | 0.6 | 2774 | 709 | 0.97 |
|           | 0.8 | -    | -   | -    |
| T9        | 0.2 | 3366 | 644 | 1.00 |
|           | 0.4 | 3222 | 689 | 1.08 |
|           | 0.6 | 3055 | 738 | 1.15 |
|           | 0.8 | 2891 | 778 | 1.21 |
| T10       | 0.2 | 3824 | 703 | 1.36 |
|           | 0.4 | 3704 | 743 | 1.43 |
|           | 0.6 | 3531 | 773 | 1.50 |
|           | 0.8 | 3414 | 823 | 1.60 |

| HORIZONTAL FLOW |     |      |     |      |
|-----------------|-----|------|-----|------|
| SPEED TAP       | ESP | CFM  | RPM | BHP  |
| T1              | 0.2 | 2209 | 462 | 0.36 |
|                 | 0.4 | 2046 | 524 | 0.41 |
|                 | 0.6 | -    | -   | -    |
|                 | 0.8 | -    | -   | -    |
| T2              | 0.2 | 2822 | 557 | 0.63 |
|                 | 0.4 | 2693 | 609 | 0.69 |
|                 | 0.6 | 2534 | 663 | 0.75 |
|                 | 0.8 | 2451 | 706 | 0.80 |
| T3              | 0.2 | 3133 | 601 | 0.82 |
|                 | 0.4 | 3017 | 647 | 0.89 |
|                 | 0.6 | 2858 | 699 | 0.96 |
|                 | 0.8 | 2787 | 735 | 1.01 |
| T4              | 0.2 | 3381 | 642 | 1.00 |
|                 | 0.4 | 3274 | 685 | 1.07 |
|                 | 0.6 | 3143 | 733 | 1.14 |
|                 | 0.8 | 3058 | 768 | 1.20 |
| T5              | 0.2 | 3806 | 697 | 1.34 |
|                 | 0.4 | 3727 | 734 | 1.42 |
|                 | 0.6 | 3590 | 781 | 1.49 |
|                 | 0.8 | 3556 | 820 | 1.58 |
| T6              | 0.2 | 3133 | 601 | 0.82 |
|                 | 0.4 | 3017 | 647 | 0.89 |
|                 | 0.6 | 2858 | 699 | 0.96 |
|                 | 0.8 | 2787 | 735 | 1.01 |
| T7              | 0.2 | 3806 | 697 | 1.34 |
|                 | 0.4 | 3727 | 734 | 1.42 |
|                 | 0.6 | 3590 | 781 | 1.49 |
|                 | 0.8 | 3556 | 820 | 1.58 |
| T8              | 0.2 | 3133 | 601 | 0.82 |
|                 | 0.4 | 3017 | 647 | 0.89 |
|                 | 0.6 | 2858 | 699 | 0.96 |
|                 | 0.8 | 2787 | 735 | 1.01 |
| T9              | 0.2 | 3381 | 642 | 1.00 |
|                 | 0.4 | 3274 | 685 | 1.07 |
|                 | 0.6 | 3143 | 733 | 1.14 |
|                 | 0.8 | 3058 | 768 | 1.20 |
| T10             | 0.2 | 3806 | 697 | 1.34 |
|                 | 0.4 | 3727 | 734 | 1.42 |
|                 | 0.6 | 3590 | 781 | 1.49 |
|                 | 0.8 | 3556 | 820 | 1.58 |

## 8.5 Ton Cooler • Medium Static Direct Drive

Models: DHC1023L, DHC1024L, DHC1027L

| DOWN FLOW |     |      |     |      | HORIZONTAL FLOW |     |      |     |      |
|-----------|-----|------|-----|------|-----------------|-----|------|-----|------|
| SPEED TAP | ESP | CFM  | RPM | BHP  | SPEED TAP       | ESP | CFM  | RPM | BHP  |
| T1        | 0.2 | 2160 | 472 | 0.37 | T1              | 0.2 | 2209 | 462 | 0.36 |
|           | 0.4 | 1958 | 530 | 0.41 |                 | 0.4 | 2046 | 524 | 0.41 |
|           | 0.6 | 1703 | 601 | 0.46 |                 | 0.6 | 1841 | 600 | 0.46 |
|           | 0.8 | -    | -   | -    |                 | 0.8 | -    | -   | -    |
|           | 1.0 | -    | -   | -    |                 | 1.0 | -    | -   | -    |
|           | 1.2 | -    | -   | -    |                 | 1.2 | -    | -   | -    |
|           | 1.4 | -    | -   | -    |                 | 1.4 | -    | -   | -    |
| T2        | 0.2 | 3366 | 644 | 1.00 | T2              | 0.2 | 3381 | 642 | 1.00 |
|           | 0.4 | 3222 | 689 | 1.08 |                 | 0.4 | 3274 | 685 | 1.07 |
|           | 0.6 | 3055 | 738 | 1.15 |                 | 0.6 | 3143 | 733 | 1.14 |
|           | 0.8 | 2891 | 778 | 1.21 |                 | 0.8 | 3058 | 768 | 1.20 |
|           | 1.0 | 2680 | 829 | 1.29 |                 | 1.0 | 2900 | 821 | 1.28 |
|           | 1.2 | 2478 | 872 | 1.36 |                 | 1.2 | 2784 | 860 | 1.34 |
| T3        | 0.2 | 2274 | 908 | 1.42 | T3              | 0.2 | 2672 | 895 | 1.40 |
|           | 0.4 | 3131 | 609 | 0.83 |                 | 0.4 | 3133 | 601 | 0.82 |
|           | 0.6 | 2967 | 657 | 0.90 |                 | 0.6 | 3017 | 647 | 0.89 |
|           | 0.8 | 2774 | 709 | 0.97 |                 | 0.8 | 2858 | 699 | 0.96 |
|           | 1.0 | 2605 | 750 | 1.03 |                 | 1.0 | 2787 | 735 | 1.01 |
|           | 1.2 | -    | -   | -    |                 | 1.2 | 2630 | 787 | 1.08 |
| T4        | 0.2 | -    | -   | -    | T4              | 1.2 | -    | -   | -    |
|           | 0.4 | -    | -   | -    |                 | 1.4 | -    | -   | -    |
|           | 0.6 | 3814 | 703 | 1.34 |                 | 0.2 | 3804 | 692 | 1.32 |
|           | 0.8 | 3652 | 747 | 1.42 |                 | 0.4 | 3698 | 735 | 1.40 |
|           | 1.0 | 3489 | 790 | 1.50 |                 | 0.6 | 3595 | 776 | 1.48 |
|           | 1.2 | 3305 | 832 | 1.59 |                 | 0.8 | 3480 | 817 | 1.56 |
| T5        | 0.2 | 3125 | 872 | 1.66 | T5              | 1.0 | 3364 | 856 | 1.63 |
|           | 0.4 | 2941 | 912 | 1.74 |                 | 1.2 | 3260 | 893 | 1.70 |
|           | 0.6 | -    | -   | -    |                 | 1.4 | 3151 | 931 | 1.77 |
|           | 0.8 | -    | -   | -    |                 | 0.2 | -    | -   | -    |
|           | 1.0 | 4246 | 810 | 1.76 |                 | 0.4 | 4220 | 795 | 1.73 |
|           | 1.2 | 4022 | 846 | 1.85 |                 | 0.6 | 4127 | 828 | 1.81 |
| T6        | 0.2 | 3854 | 881 | 1.94 | T6              | 0.8 | 4033 | 862 | 1.90 |
|           | 0.4 | 3685 | 917 | 2.03 |                 | 1.0 | 3940 | 894 | 1.98 |
|           | 0.6 | 3572 | 952 | 2.11 |                 | 1.2 | 3846 | 929 | 2.06 |
|           | 0.8 | 3348 | 987 | 2.20 |                 | 1.4 | 3753 | 963 | 2.15 |
|           | 1.0 | 3565 | 671 | 1.15 |                 | 0.2 | 3560 | 660 | 1.13 |
|           | 1.2 | 3412 | 715 | 1.22 |                 | 0.4 | 3452 | 704 | 1.20 |
| T7        | 0.2 | 3247 | 760 | 1.30 | T7              | 0.6 | 3330 | 748 | 1.28 |
|           | 0.4 | 3089 | 795 | 1.36 |                 | 0.8 | 3251 | 787 | 1.35 |
|           | 0.6 | 2874 | 846 | 1.45 |                 | 1.0 | 3111 | 834 | 1.42 |
|           | 0.8 | -    | -   | -    |                 | 1.2 | 3018 | 869 | 1.48 |
|           | 1.0 | -    | -   | -    |                 | 1.4 | 2918 | 907 | 1.55 |
|           | 1.2 | -    | -   | -    |                 | 0.2 | -    | -   | -    |
| T8        | 0.2 | 4246 | 810 | 1.76 | T8              | 0.4 | 4220 | 795 | 1.73 |
|           | 0.4 | 4022 | 846 | 1.85 |                 | 0.6 | 4127 | 828 | 1.81 |
|           | 0.6 | 3854 | 881 | 1.94 |                 | 0.8 | 4033 | 862 | 1.90 |
|           | 0.8 | 3685 | 917 | 2.03 |                 | 1.0 | 3940 | 894 | 1.98 |
|           | 1.0 | 3572 | 952 | 2.11 |                 | 1.2 | 3846 | 929 | 2.06 |
|           | 1.2 | 3348 | 987 | 2.20 |                 | 1.4 | 3753 | 963 | 2.15 |
| T9        | 0.2 | 3565 | 671 | 1.15 | T9              | 0.2 | 3560 | 660 | 1.13 |
|           | 0.4 | 3412 | 715 | 1.22 |                 | 0.4 | 3452 | 704 | 1.20 |
|           | 0.6 | 3247 | 760 | 1.30 |                 | 0.6 | 3330 | 748 | 1.28 |
|           | 0.8 | 3089 | 795 | 1.36 |                 | 0.8 | 3251 | 787 | 1.35 |
|           | 1.0 | 2874 | 846 | 1.45 |                 | 1.0 | 3111 | 834 | 1.42 |
|           | 1.2 | -    | -   | -    |                 | 1.2 | 3018 | 869 | 1.48 |
| T10       | 0.2 | -    | -   | -    | T10             | 1.4 | 2918 | 907 | 1.55 |
|           | 0.4 | 3814 | 703 | 1.34 |                 | 0.2 | 3804 | 692 | 1.32 |
|           | 0.6 | 3652 | 747 | 1.42 |                 | 0.4 | 3698 | 735 | 1.40 |
|           | 0.8 | 3489 | 790 | 1.50 |                 | 0.6 | 3595 | 776 | 1.48 |
|           | 1.0 | 3305 | 832 | 1.59 |                 | 0.8 | 3480 | 817 | 1.56 |
|           | 1.2 | 3125 | 872 | 1.66 |                 | 1.0 | 3364 | 856 | 1.63 |
| T11       | 0.2 | 2941 | 912 | 1.74 | T11             | 1.2 | 3260 | 893 | 1.70 |
|           | 0.4 | -    | -   | -    |                 | 1.4 | 3151 | 931 | 1.77 |
|           | 0.6 | -    | -   | -    |                 | 0.2 | -    | -   | -    |
|           | 0.8 | 4246 | 810 | 1.76 |                 | 0.4 | 4220 | 795 | 1.73 |
|           | 1.0 | 4022 | 846 | 1.85 |                 | 0.6 | 4127 | 828 | 1.81 |
|           | 1.2 | 3854 | 881 | 1.94 |                 | 0.8 | 4033 | 862 | 1.90 |
| T12       | 0.2 | 3685 | 917 | 2.03 | T12             | 1.0 | 3940 | 894 | 1.98 |
|           | 0.4 | 3572 | 952 | 2.11 |                 | 1.2 | 3846 | 929 | 2.06 |
|           | 0.6 | 3348 | 987 | 2.20 |                 | 1.4 | 3753 | 963 | 2.15 |
|           | 0.8 | -    | -   | -    |                 | 0.2 | -    | -   | -    |
|           | 1.0 | -    | -   | -    |                 | 0.4 | -    | -   | -    |
|           | 1.2 | -    | -   | -    |                 | 0.6 | -    | -   | -    |

8.5 Ton Cooler • High Static Direct Drive  
Models: DHC1023W, DHC1024W, DHC1027W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T1        | 0.2 | 2160 | 472  | 0.37 | T1              | 0.2 | 2209 | 462  | 0.36 |
|           | 0.4 | 1958 | 530  | 0.41 |                 | 0.4 | 2046 | 524  | 0.41 |
|           | 0.6 | 1703 | 601  | 0.46 |                 | 0.6 | 1841 | 600  | 0.46 |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T2        | 0.2 | 3814 | 703  | 1.34 | T2              | 0.2 | 3804 | 692  | 1.32 |
|           | 0.4 | 3652 | 747  | 1.42 |                 | 0.4 | 3698 | 735  | 1.40 |
|           | 0.6 | 3489 | 790  | 1.50 |                 | 0.6 | 3595 | 776  | 1.48 |
|           | 0.8 | 3305 | 832  | 1.59 |                 | 0.8 | 3480 | 817  | 1.56 |
|           | 1.0 | 3125 | 872  | 1.66 |                 | 1.0 | 3364 | 856  | 1.63 |
|           | 1.2 | 2941 | 912  | 1.74 |                 | 1.2 | 3260 | 893  | 1.70 |
|           | 1.4 | 2743 | 952  | 1.81 |                 | 1.4 | 3151 | 931  | 1.77 |
|           | 1.6 | 2559 | 987  | 1.88 |                 | 1.6 | 3040 | 962  | 1.83 |
|           | 1.8 | 2366 | 1021 | 1.94 |                 | 1.8 | 2932 | 993  | 1.89 |
|           | 2.0 | 2212 | 1048 | 2.00 |                 | 2.0 | 2815 | 1025 | 1.95 |
| T3        | 0.2 | 3131 | 609  | 0.83 | T3              | 0.2 | 3133 | 601  | 0.82 |
|           | 0.4 | 2967 | 657  | 0.90 |                 | 0.4 | 3017 | 647  | 0.89 |
|           | 0.6 | 2774 | 709  | 0.97 |                 | 0.6 | 2858 | 699  | 0.96 |
|           | 0.8 | 2605 | 750  | 1.03 |                 | 0.8 | 2787 | 735  | 1.01 |
|           | 1.0 | -    | -    | -    |                 | 1.0 | 2630 | 787  | 1.08 |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T4        | 0.2 | -    | -    | -    | T4              | 0.2 | 4246 | 843  | 2.08 |
|           | 0.4 | -    | -    | -    |                 | 0.4 | 4137 | 873  | 2.15 |
|           | 0.6 | 4136 | 866  | 2.13 |                 | 0.6 | 4028 | 904  | 2.23 |
|           | 0.8 | 3938 | 906  | 2.23 |                 | 0.8 | 3952 | 929  | 2.29 |
|           | 1.0 | 3756 | 941  | 2.32 |                 | 1.0 | 3867 | 956  | 2.36 |
|           | 1.2 | 3582 | 977  | 2.41 |                 | 1.2 | 3787 | 982  | 2.42 |
|           | 1.4 | 3379 | 1011 | 2.49 |                 | 1.4 | 3712 | 1008 | 2.48 |
|           | 1.6 | 3208 | 1043 | 2.57 |                 | 1.6 | 3643 | 1034 | 2.55 |
|           | 1.8 | 3024 | 1081 | 2.66 |                 | 1.8 | 3603 | 1054 | 2.60 |
|           | 2.0 | 2816 | 1099 | 2.71 |                 | 2.0 | 3500 | 1087 | 2.68 |
| T5        | 0.2 | -    | -    | -    | T5              | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | 4124 | 975  | 2.71 |                 | 1.0 | -    | -    | -    |
|           | 1.2 | 3958 | 1008 | 2.81 |                 | 1.2 | 4251 | 984  | 2.74 |
|           | 1.4 | 3757 | 1040 | 2.90 |                 | 1.4 | 4143 | 1018 | 2.84 |
|           | 1.6 | 3584 | 1071 | 2.98 |                 | 1.6 | 4050 | 1049 | 2.92 |
|           | 1.8 | 3395 | 1102 | 3.07 |                 | 1.8 | 3952 | 1081 | 3.01 |
|           | 2.0 | 3209 | 1130 | 3.15 |                 | 2.0 | 3847 | 1112 | 3.10 |
| T6        | 0.2 | 4123 | 746  | 1.62 | T6              | 0.2 | 4124 | 729  | 1.58 |
|           | 0.4 | 3966 | 787  | 1.71 |                 | 0.4 | 4013 | 771  | 1.67 |
|           | 0.6 | 3807 | 827  | 1.79 |                 | 0.6 | 3905 | 811  | 1.76 |
|           | 0.8 | 3628 | 867  | 1.88 |                 | 0.8 | 3797 | 850  | 1.84 |
|           | 1.0 | 3460 | 905  | 1.96 |                 | 1.0 | 3689 | 886  | 1.92 |
|           | 1.2 | 3275 | 942  | 2.0  |                 | 1.2 | 3586 | 923  | 2.0  |
|           | 1.4 | 3085 | 980  | 2.12 |                 | 1.4 | 3479 | 958  | 2.08 |
|           | 1.6 | 2908 | 1013 | 2.19 |                 | 1.6 | 3380 | 991  | 2.15 |
|           | 1.8 | -    | -    | -    |                 | 1.8 | 3289 | 1023 | 2.22 |
|           | 2.0 | -    | -    | -    |                 | 2.0 | 3174 | 1051 | 2.28 |

8.5 Ton Cooler • High Static Direct Drive  
Models: DHC1023W, DHC1024W, DHC1027W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T7        | 0.2 | -    | -    | -    | T7              | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | 4124 | 975  | 2.71 |                 | 1.0 | -    | -    | -    |
|           | 1.2 | 3958 | 1008 | 2.81 |                 | 1.2 | 4251 | 984  | 2.74 |
|           | 1.4 | 3757 | 1040 | 2.90 |                 | 1.4 | 4143 | 1018 | 2.84 |
|           | 1.6 | 3584 | 1071 | 2.98 |                 | 1.6 | 4050 | 1049 | 2.92 |
|           | 1.8 | 3395 | 1102 | 3.07 |                 | 1.8 | 3952 | 1081 | 3.01 |
|           | 2.0 | 3209 | 1130 | 3.15 |                 | 2.0 | 3847 | 1112 | 3.10 |
| T8        | 0.2 | 4123 | 746  | 1.62 | T8              | 0.2 | 4124 | 729  | 1.58 |
|           | 0.4 | 3966 | 787  | 1.71 |                 | 0.4 | 4013 | 771  | 1.67 |
|           | 0.6 | 3807 | 827  | 1.79 |                 | 0.6 | 3905 | 811  | 1.76 |
|           | 0.8 | 3628 | 867  | 1.88 |                 | 0.8 | 3797 | 850  | 1.84 |
|           | 1.0 | 3460 | 905  | 1.96 |                 | 1.0 | 3689 | 886  | 1.92 |
|           | 1.2 | 3275 | 942  | 2.0  |                 | 1.2 | 3586 | 923  | 2.0  |
|           | 1.4 | 3085 | 980  | 2.12 |                 | 1.4 | 3479 | 958  | 2.08 |
|           | 1.6 | 2908 | 1013 | 2.19 |                 | 1.6 | 3380 | 991  | 2.15 |
|           | 1.8 | -    | -    | -    |                 | 1.8 | 3289 | 1023 | 2.22 |
|           | 2.0 | -    | -    | -    |                 | 2.0 | 3174 | 1051 | 2.28 |
| T9        | 0.2 | -    | -    | -    | T9              | 0.2 | 4246 | 843  | 2.08 |
|           | 0.4 | -    | -    | -    |                 | 0.4 | 4137 | 873  | 2.15 |
|           | 0.6 | 4136 | 866  | 2.13 |                 | 0.6 | 4028 | 904  | 2.23 |
|           | 0.8 | 3938 | 906  | 2.23 |                 | 0.8 | 3952 | 929  | 2.29 |
|           | 1.0 | 3756 | 941  | 2.32 |                 | 1.0 | 3867 | 956  | 2.36 |
|           | 1.2 | 3582 | 977  | 2.41 |                 | 1.2 | 3787 | 982  | 2.42 |
|           | 1.4 | 3379 | 1011 | 2.49 |                 | 1.4 | 3712 | 1008 | 2.48 |
|           | 1.6 | 3208 | 1043 | 2.57 |                 | 1.6 | 3643 | 1034 | 2.55 |
|           | 1.8 | 3024 | 1081 | 2.66 |                 | 1.8 | 3603 | 1054 | 2.60 |
|           | 2.0 | 2816 | 1099 | 2.71 |                 | 2.0 | 3500 | 1087 | 2.68 |
| T10       | 0.2 | -    | -    | -    | T10             | 0.2 | -    | -    | -    |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | 4124 | 975  | 2.71 |                 | 1.0 | -    | -    | -    |
|           | 1.2 | 3958 | 1008 | 2.81 |                 | 1.2 | 4251 | 984  | 2.74 |
|           | 1.4 | 3757 | 1040 | 2.90 |                 | 1.4 | 4143 | 1018 | 2.84 |
|           | 1.6 | 3584 | 1071 | 2.98 |                 | 1.6 | 4050 | 1049 | 2.92 |
|           | 1.8 | 3395 | 1102 | 3.07 |                 | 1.8 | 3952 | 1081 | 3.01 |
|           | 2.0 | 3209 | 1130 | 3.15 |                 | 2.0 | 3847 | 1112 | 3.10 |

## 10.0 Ton Cooler • Standard Static Direct Drive

Models: DHC1203D, DHC1204D, DHC1207D

| DOWN FLOW |     |      |     |      |
|-----------|-----|------|-----|------|
| SPEED TAP | ESP | CFM  | RPM | BHP  |
| T1        | 0.2 | 2217 | 420 | 0.32 |
|           | 0.4 | 2010 | 507 | 0.38 |
|           | 0.6 | -    | -   | -    |
|           | 0.8 | -    | -   | -    |
| T2        | 0.2 | 3329 | 554 | 0.76 |
|           | 0.4 | 3207 | 606 | 0.83 |
|           | 0.6 | 3013 | 672 | 0.92 |
|           | 0.8 | 2748 | 751 | 1.03 |
| T3        | 0.2 | 3702 | 596 | 0.97 |
|           | 0.4 | 3587 | 644 | 1.05 |
|           | 0.6 | 3402 | 702 | 1.14 |
|           | 0.8 | 3280 | 751 | 1.23 |
| T4        | 0.2 | 4280 | 662 | 1.39 |
|           | 0.4 | 4143 | 709 | 1.49 |
|           | 0.6 | 4005 | 756 | 1.58 |
|           | 0.8 | 3886 | 802 | 1.68 |
| T5        | 0.2 | 4485 | 685 | 1.56 |
|           | 0.4 | 4357 | 732 | 1.66 |
|           | 0.6 | 4225 | 778 | 1.77 |
|           | 0.8 | 4113 | 822 | 1.87 |
| T6        | 0.2 | 3702 | 596 | 0.97 |
|           | 0.4 | 3587 | 644 | 1.05 |
|           | 0.6 | 3402 | 702 | 1.14 |
|           | 0.8 | 3280 | 751 | 1.23 |
| T7        | 0.2 | 4485 | 685 | 1.56 |
|           | 0.4 | 4357 | 732 | 1.66 |
|           | 0.6 | 4225 | 778 | 1.77 |
|           | 0.8 | 4113 | 822 | 1.87 |
| T8        | 0.2 | 3702 | 596 | 0.97 |
|           | 0.4 | 3587 | 644 | 1.05 |
|           | 0.6 | 3402 | 702 | 1.14 |
|           | 0.8 | 3280 | 751 | 1.23 |
| T9        | 0.2 | 4280 | 662 | 1.39 |
|           | 0.4 | 4143 | 709 | 1.49 |
|           | 0.6 | 4005 | 756 | 1.58 |
|           | 0.8 | 3886 | 802 | 1.68 |
| T10       | 0.2 | 4485 | 685 | 1.56 |
|           | 0.4 | 4357 | 732 | 1.66 |
|           | 0.6 | 4225 | 778 | 1.77 |
|           | 0.8 | 4113 | 822 | 1.87 |

| HORIZONTAL FLOW |     |      |     |      |
|-----------------|-----|------|-----|------|
| SPEED TAP       | ESP | CFM  | RPM | BHP  |
| T1              | 0.2 | 2246 | 427 | 0.32 |
|                 | 0.4 | 1986 | 518 | 0.39 |
|                 | 0.6 | -    | -   | -    |
|                 | 0.8 | -    | -   | -    |
| T2              | 0.2 | 3318 | 567 | 0.78 |
|                 | 0.4 | 3173 | 626 | 0.86 |
|                 | 0.6 | 2965 | 693 | 0.95 |
|                 | 0.8 | 2694 | 768 | 1.05 |
| T3              | 0.2 | 3704 | 604 | 0.99 |
|                 | 0.4 | 3577 | 658 | 1.07 |
|                 | 0.6 | 3388 | 720 | 1.17 |
|                 | 0.8 | 3250 | 770 | 1.26 |
| T4              | 0.2 | 4220 | 681 | 1.43 |
|                 | 0.4 | 4093 | 728 | 1.53 |
|                 | 0.6 | 3982 | 770 | 1.61 |
|                 | 0.8 | 3824 | 826 | 1.73 |
| T5              | 0.2 | 4436 | 705 | 1.60 |
|                 | 0.4 | 4307 | 751 | 1.71 |
|                 | 0.6 | 4196 | 790 | 1.80 |
|                 | 0.8 | 4040 | 847 | 1.93 |
| T6              | 0.2 | 3704 | 604 | 0.99 |
|                 | 0.4 | 3577 | 658 | 1.07 |
|                 | 0.6 | 3388 | 720 | 1.17 |
|                 | 0.8 | 3250 | 770 | 1.26 |
| T7              | 0.2 | 4436 | 705 | 1.60 |
|                 | 0.4 | 4307 | 751 | 1.71 |
|                 | 0.6 | 4196 | 790 | 1.80 |
|                 | 0.8 | 4040 | 847 | 1.93 |
| T8              | 0.2 | 3704 | 604 | 0.99 |
|                 | 0.4 | 3577 | 658 | 1.07 |
|                 | 0.6 | 3388 | 720 | 1.17 |
|                 | 0.8 | 3250 | 770 | 1.26 |
| T9              | 0.2 | 4220 | 681 | 1.43 |
|                 | 0.4 | 4093 | 728 | 1.53 |
|                 | 0.6 | 3982 | 770 | 1.61 |
|                 | 0.8 | 3824 | 826 | 1.73 |
| T10             | 0.2 | 4436 | 705 | 1.60 |
|                 | 0.4 | 4307 | 751 | 1.71 |
|                 | 0.6 | 4196 | 790 | 1.80 |
|                 | 0.8 | 4040 | 847 | 1.93 |

## 10.0 Ton Cooler • Medium Static Direct Drive

Models: DHC1203L, DHC1204L, DHC1207L

| DOWN FLOW |     |      |     |      |
|-----------|-----|------|-----|------|
| SPEED TAP | ESP | CFM  | RPM | BHP  |
| T1        | 0.2 | 2217 | 420 | 0.32 |
|           | 0.4 | 2010 | 507 | 0.38 |
|           | 0.6 | -    | -   | -    |
|           | 0.8 | -    | -   | -    |
|           | 1.0 | -    | -   | -    |
|           | 1.2 | -    | -   | -    |
|           | 1.4 | -    | -   | -    |
| T2        | 0.2 | 3833 | 610 | 1.05 |
|           | 0.4 | 3731 | 656 | 1.13 |
|           | 0.6 | 3554 | 714 | 1.23 |
|           | 0.8 | 3434 | 763 | 1.32 |
|           | 1.0 | 3271 | 818 | 1.41 |
|           | 1.2 | 2968 | 894 | 1.54 |
| T3        | 0.2 | 3702 | 596 | 0.97 |
|           | 0.4 | 3587 | 644 | 1.05 |
|           | 0.6 | 3402 | 702 | 1.14 |
|           | 0.8 | 3280 | 751 | 1.23 |
|           | 1.0 | 3122 | 806 | 1.31 |
|           | 1.2 | -    | -   | -    |
| T4        | 0.2 | 4595 | 699 | 1.66 |
|           | 0.4 | 4470 | 744 | 1.77 |
|           | 0.6 | 4341 | 789 | 1.88 |
|           | 0.8 | 4234 | 833 | 1.98 |
|           | 1.0 | 4123 | 875 | 2.08 |
|           | 1.2 | 4002 | 918 | 2.18 |
| T5        | 0.2 | 4794 | 723 | 1.85 |
|           | 0.4 | 4672 | 767 | 1.96 |
|           | 0.6 | 4545 | 810 | 2.07 |
|           | 0.8 | 4443 | 852 | 2.18 |
|           | 1.0 | 4332 | 891 | 2.28 |
|           | 1.2 | 4215 | 933 | 2.39 |
| T6        | 0.2 | 4794 | 723 | 1.85 |
|           | 0.4 | 4672 | 767 | 1.96 |
|           | 0.6 | 4545 | 810 | 2.07 |
|           | 0.8 | 4443 | 852 | 2.18 |
|           | 1.0 | 4332 | 891 | 2.28 |
|           | 1.2 | 4215 | 933 | 2.39 |
| T7        | 0.2 | 4794 | 723 | 1.85 |
|           | 0.4 | 4672 | 767 | 1.96 |
|           | 0.6 | 4545 | 810 | 2.07 |
|           | 0.8 | 4443 | 852 | 2.18 |
|           | 1.0 | 4332 | 891 | 2.28 |
|           | 1.2 | 4215 | 933 | 2.39 |
| T8        | 0.2 | 4794 | 723 | 1.85 |
|           | 0.4 | 4672 | 767 | 1.96 |
|           | 0.6 | 4545 | 810 | 2.07 |
|           | 0.8 | 4443 | 852 | 2.18 |
|           | 1.0 | 4332 | 891 | 2.28 |
|           | 1.2 | 4215 | 933 | 2.39 |
| T9        | 0.2 | 4794 | 723 | 1.85 |
|           | 0.4 | 4672 | 767 | 1.96 |
|           | 0.6 | 4545 | 810 | 2.07 |
|           | 0.8 | 4443 | 852 | 2.18 |
|           | 1.0 | 4332 | 891 | 2.28 |
|           | 1.2 | 4215 | 933 | 2.39 |
| T10       | 0.2 | 4794 | 723 | 1.85 |
|           | 0.4 | 4672 | 767 | 1.96 |
|           | 0.6 | 4545 | 810 | 2.07 |
|           | 0.8 | 4443 | 852 | 2.18 |
|           | 1.0 | 4332 | 891 | 2.28 |
|           | 1.2 | 4215 | 933 | 2.39 |

| HORIZONTAL FLOW |     |      |     |      |
|-----------------|-----|------|-----|------|
| SPEED TAP       | ESP | CFM  | RPM | BHP  |
| T1              | 0.2 | 2246 | 427 | 0.32 |
|                 | 0.4 | 1986 | 518 | 0.39 |
|                 | 0.6 | -    | -   | -    |
|                 | 0.8 | -    | -   | -    |
|                 | 1.0 | -    | -   | -    |
|                 | 1.2 | -    | -   | -    |
|                 | 1.4 | -    | -   | -    |
| T2              | 0.2 | 3823 | 622 | 1.07 |
|                 | 0.4 | 3713 | 667 | 1.15 |
|                 | 0.6 | 3532 | 723 | 1.25 |
|                 | 0.8 | 3398 | 775 | 1.34 |
|                 | 1.0 | 3223 | 833 | 1.44 |
|                 | 1.2 | 2917 | 909 | 1.57 |
| T3              | 0.2 | 3704 | 604 | 0.99 |
|                 | 0.4 | 3577 | 658 | 1.07 |
|                 | 0.6 | 3388 | 720 | 1.17 |
|                 | 0.8 | 3250 | 770 | 1.26 |
|                 | 1.0 | 3077 | 824 | 1.34 |
|                 | 1.2 | -    | -   | -    |
| T4              | 0.2 | 4546 | 717 | 1.71 |
|                 | 0.4 | 4425 | 761 | 1.81 |
|                 | 0.6 | 4314 | 803 | 1.91 |
|                 | 0.8 | 4170 | 853 | 2.03 |
|                 | 1.0 | 4039 | 909 | 2.16 |
|                 | 1.2 | 3918 | 943 | 2.24 |
| T5              | 0.2 | 4784 | 741 | 1.90 |
|                 | 0.4 | 4634 | 783 | 2.00 |
|                 | 0.6 | 4527 | 824 | 2.11 |
|                 | 0.8 | 4389 | 870 | 2.23 |
|                 | 1.0 | 4266 | 906 | 2.32 |
|                 | 1.2 | 4139 | 956 | 2.45 |
| T6              | 0.2 | 4784 | 741 | 1.90 |
|                 | 0.4 | 4634 | 783 | 2.00 |
|                 | 0.6 | 4527 | 824 | 2.11 |
|                 | 0.8 | 4389 | 870 | 2.23 |
|                 | 1.0 | 4266 | 906 | 2.32 |
|                 | 1.2 | 4139 | 956 | 2.45 |
| T7              | 0.2 | 4784 | 741 | 1.90 |
|                 | 0.4 | 4634 | 783 | 2.00 |
|                 | 0.6 | 4527 | 824 | 2.11 |
|                 | 0.8 | 4389 | 870 | 2.23 |
|                 | 1.0 | 4266 | 906 | 2.32 |
|                 | 1.2 | 4139 | 956 | 2.45 |
| T8              | 0.2 | 4784 | 741 | 1.90 |
|                 | 0.4 | 4634 | 783 | 2.00 |
|                 | 0.6 | 4527 | 824 | 2.11 |
|                 | 0.8 | 4389 | 870 | 2.23 |
|                 | 1.0 | 4266 | 906 | 2.32 |
|                 | 1.2 | 4139 | 956 | 2.45 |
| T9              | 0.2 | 4784 | 741 | 1.90 |
|                 | 0.4 | 4634 | 783 | 2.00 |
|                 | 0.6 | 4527 | 824 | 2.11 |
|                 | 0.8 | 4389 | 870 | 2.23 |
|                 | 1.0 | 4266 | 906 | 2.32 |
|                 | 1.2 | 4139 | 956 | 2.45 |
| T10             | 0.2 | 4784 | 741 | 1.90 |
|                 | 0.4 | 4634 | 783 | 2.00 |
|                 | 0.6 | 4527 | 824 | 2.11 |
|                 | 0.8 | 4389 | 870 | 2.23 |
|                 | 1.0 | 4266 | 906 | 2.32 |
|                 | 1.2 | 4139 | 956 | 2.45 |

10.0 Ton Cooler • High Static Direct Drive  
Models: DHC1203W, DHC1204W, DHC1207W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T1        | 0.2 | 2217 | 420  | 0.32 | T1              | 0.2 | 2246 | 427  | 0.32 |
|           | 0.4 | 2010 | 507  | 0.38 |                 | 0.4 | 1986 | 518  | 0.39 |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T2        | 0.2 | 4204 | 653  | 1.32 | T2              | 0.2 | 4141 | 671  | 1.36 |
|           | 0.4 | 4062 | 702  | 1.42 |                 | 0.4 | 4026 | 717  | 1.45 |
|           | 0.6 | 3926 | 748  | 1.51 |                 | 0.6 | 3890 | 764  | 1.55 |
|           | 0.8 | 3806 | 796  | 1.61 |                 | 0.8 | 3745 | 820  | 1.66 |
|           | 1.0 | 3694 | 842  | 1.70 |                 | 1.0 | 3581 | 878  | 1.78 |
|           | 1.2 | 3584 | 891  | 1.80 |                 | 1.2 | 3438 | 936  | 1.89 |
|           | 1.4 | 3484 | 938  | 1.90 |                 | 1.4 | 3270 | 980  | 1.98 |
|           | 1.6 | 3082 | 1022 | 2.07 |                 | 1.6 | 2965 | 1051 | 2.13 |
|           | 1.8 | 2824 | 1083 | 2.19 |                 | 1.8 | 2752 | 1096 | 2.22 |
|           | 2.0 | 2658 | 1111 | 2.25 |                 | 2.0 | 2646 | 1123 | 2.27 |
| T3        | 0.2 | 3702 | 596  | 0.97 | T3              | 0.2 | 3704 | 604  | 0.99 |
|           | 0.4 | 3587 | 644  | 1.05 |                 | 0.4 | 3577 | 658  | 1.07 |
|           | 0.6 | 3402 | 702  | 1.14 |                 | 0.6 | 3388 | 720  | 1.17 |
|           | 0.8 | 3280 | 751  | 1.23 |                 | 0.8 | 3250 | 770  | 1.26 |
|           | 1.0 | 3122 | 806  | 1.31 |                 | 1.0 | 3077 | 824  | 1.34 |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T4        | 0.2 | 4851 | 729  | 1.91 | T4              | 0.2 | 4807 | 748  | 1.96 |
|           | 0.4 | 4729 | 773  | 2.02 |                 | 0.4 | 4688 | 791  | 2.07 |
|           | 0.6 | 4600 | 817  | 2.14 |                 | 0.6 | 4585 | 829  | 2.17 |
|           | 0.8 | 4498 | 858  | 2.25 |                 | 0.8 | 4435 | 878  | 2.30 |
|           | 1.0 | 4390 | 897  | 2.35 |                 | 1.0 | 4325 | 936  | 2.45 |
|           | 1.2 | 4272 | 939  | 2.46 |                 | 1.2 | 4203 | 964  | 2.52 |
|           | 1.4 | 4161 | 979  | 2.56 |                 | 1.4 | 4054 | 1015 | 2.66 |
|           | 1.6 | 4075 | 1015 | 2.66 |                 | 1.6 | 3972 | 1042 | 2.73 |
|           | 1.8 | 3990 | 1049 | 2.75 |                 | 1.8 | 3862 | 1076 | 2.82 |
|           | 2.0 | 3874 | 1073 | 2.81 |                 | 2.0 | 3754 | 1105 | 2.89 |
| T5        | 0.2 | -    | -    | -    | T5              | 0.2 | 4987 | 771  | 2.15 |
|           | 0.4 | 4903 | 793  | 2.21 |                 | 0.4 | 4865 | 814  | 2.27 |
|           | 0.6 | 4772 | 838  | 2.33 |                 | 0.6 | 4771 | 846  | 2.36 |
|           | 0.8 | 4671 | 875  | 2.44 |                 | 0.8 | 4604 | 906  | 2.52 |
|           | 1.0 | 4564 | 913  | 2.54 |                 | 1.0 | 4448 | 959  | 2.67 |
|           | 1.2 | 4448 | 954  | 2.66 |                 | 1.2 | 4356 | 990  | 2.76 |
|           | 1.4 | 4348 | 990  | 2.76 |                 | 1.4 | 4235 | 1030 | 2.87 |
|           | 1.6 | 4233 | 1030 | 2.87 |                 | 1.6 | 4121 | 1066 | 2.97 |
|           | 1.8 | 4121 | 1070 | 2.98 |                 | 1.8 | 4022 | 1100 | 3.06 |
|           | 2.0 | 4030 | 1100 | 3.06 |                 | 2.0 | 3896 | 1134 | 3.16 |
| T6        | 0.2 | 4794 | 723  | 1.85 | T6              | 0.2 | 4747 | 741  | 1.90 |
|           | 0.4 | 4672 | 767  | 1.96 |                 | 0.4 | 4634 | 783  | 2.00 |
|           | 0.6 | 4545 | 810  | 2.07 |                 | 0.6 | 4527 | 824  | 2.11 |
|           | 0.8 | 4443 | 852  | 2.18 |                 | 0.8 | 4389 | 870  | 2.23 |
|           | 1.0 | 4332 | 891  | 2.28 |                 | 1.0 | 4266 | 926  | 2.37 |
|           | 1.2 | 4215 | 933  | 2.39 |                 | 1.2 | 4139 | 956  | 2.45 |
|           | 1.4 | 4100 | 975  | 2.50 |                 | 1.4 | 3996 | 1010 | 2.59 |
|           | 1.6 | 3987 | 1011 | 2.59 |                 | 1.6 | 3885 | 1042 | 2.67 |
|           | 1.8 | 3894 | 1048 | 2.68 |                 | 1.8 | 3762 | 1083 | 2.77 |
|           | 2.0 | 3773 | 1075 | 2.75 |                 | 2.0 | 3659 | 1112 | 2.85 |

10.0 Ton Cooler • High Static Direct Drive  
Models: DHC1203W, DHC1204W, DHC1207W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T7        | 0.2 | -    | -    | -    | T7              | 0.2 | 4987 | 771  | 2.15 |
|           | 0.4 | 4903 | 793  | 2.21 |                 | 0.4 | 4865 | 814  | 2.27 |
|           | 0.6 | 4772 | 838  | 2.33 |                 | 0.6 | 4771 | 846  | 2.36 |
|           | 0.8 | 4671 | 875  | 2.44 |                 | 0.8 | 4604 | 906  | 2.52 |
|           | 1.0 | 4564 | 913  | 2.54 |                 | 1.0 | 4448 | 959  | 2.67 |
|           | 1.2 | 4448 | 954  | 2.66 |                 | 1.2 | 4356 | 990  | 2.76 |
|           | 1.4 | 4348 | 990  | 2.76 |                 | 1.4 | 4235 | 1030 | 2.87 |
|           | 1.6 | 4233 | 1030 | 2.87 |                 | 1.6 | 4121 | 1066 | 2.97 |
|           | 1.8 | 4121 | 1070 | 2.98 |                 | 1.8 | 4022 | 1100 | 3.06 |
|           | 2.0 | 4030 | 1100 | 3.06 |                 | 2.0 | 3896 | 1134 | 3.16 |
| T8        | 0.2 | 4794 | 723  | 1.85 | T8              | 0.2 | 4747 | 741  | 1.90 |
|           | 0.4 | 4672 | 767  | 1.96 |                 | 0.4 | 4634 | 783  | 2.00 |
|           | 0.6 | 4545 | 810  | 2.07 |                 | 0.6 | 4527 | 824  | 2.11 |
|           | 0.8 | 4443 | 852  | 2.18 |                 | 0.8 | 4389 | 870  | 2.23 |
|           | 1.0 | 4332 | 891  | 2.28 |                 | 1.0 | 4266 | 926  | 2.37 |
|           | 1.2 | 4215 | 933  | 2.39 |                 | 1.2 | 4139 | 956  | 2.45 |
|           | 1.4 | 4100 | 975  | 2.50 |                 | 1.4 | 3996 | 1010 | 2.59 |
|           | 1.6 | 3987 | 1011 | 2.59 |                 | 1.6 | 3885 | 1042 | 2.67 |
|           | 1.8 | 3894 | 1048 | 2.68 |                 | 1.8 | 3762 | 1083 | 2.77 |
|           | 2.0 | 3773 | 1075 | 2.75 |                 | 2.0 | 3659 | 1112 | 2.85 |
| T9        | 0.2 | 4851 | 729  | 1.91 | T9              | 0.2 | 4807 | 748  | 1.96 |
|           | 0.4 | 4729 | 773  | 2.02 |                 | 0.4 | 4688 | 791  | 2.07 |
|           | 0.6 | 4600 | 817  | 2.14 |                 | 0.6 | 4585 | 829  | 2.17 |
|           | 0.8 | 4498 | 858  | 2.25 |                 | 0.8 | 4435 | 878  | 2.30 |
|           | 1.0 | 4390 | 897  | 2.35 |                 | 1.0 | 4325 | 936  | 2.45 |
|           | 1.2 | 4272 | 939  | 2.46 |                 | 1.2 | 4203 | 964  | 2.52 |
|           | 1.4 | 4161 | 979  | 2.56 |                 | 1.4 | 4054 | 1015 | 2.66 |
|           | 1.6 | 4075 | 1015 | 2.66 |                 | 1.6 | 3972 | 1042 | 2.73 |
|           | 1.8 | 3990 | 1049 | 2.75 |                 | 1.8 | 3862 | 1076 | 2.82 |
|           | 2.0 | 3874 | 1073 | 2.81 |                 | 2.0 | 3754 | 1105 | 2.89 |
| T10       | 0.2 | -    | -    | -    | T10             | 0.2 | 4987 | 771  | 2.15 |
|           | 0.4 | 4903 | 793  | 2.21 |                 | 0.4 | 4865 | 814  | 2.27 |
|           | 0.6 | 4772 | 838  | 2.33 |                 | 0.6 | 4771 | 846  | 2.36 |
|           | 0.8 | 4671 | 875  | 2.44 |                 | 0.8 | 4604 | 906  | 2.52 |
|           | 1.0 | 4564 | 913  | 2.54 |                 | 1.0 | 4448 | 959  | 2.67 |
|           | 1.2 | 4448 | 954  | 2.66 |                 | 1.2 | 4356 | 990  | 2.76 |
|           | 1.4 | 4348 | 990  | 2.76 |                 | 1.4 | 4235 | 1030 | 2.87 |
|           | 1.6 | 4233 | 1030 | 2.87 |                 | 1.6 | 4121 | 1066 | 2.97 |
|           | 1.8 | 4121 | 1070 | 2.98 |                 | 1.8 | 4022 | 1100 | 3.06 |
|           | 2.0 | 4030 | 1100 | 3.06 |                 | 2.0 | 3896 | 1134 | 3.16 |

## 12.5 Ton Cooler • Standard Static Direct Drive

Models: DHC1503D, DHC1504D, DHC1507D

| DOWN FLOW |     |      |     |      |
|-----------|-----|------|-----|------|
| SPEED TAP | ESP | CFM  | RPM | BHP  |
| T1        | 0.2 | 2820 | 480 | 0.41 |
|           | 0.4 | -    | -   | -    |
|           | 0.6 | -    | -   | -    |
|           | 0.8 | -    | -   | -    |
| T2        | 0.2 | 3608 | 530 | 0.66 |
|           | 0.4 | 3304 | 619 | 0.77 |
|           | 0.6 | 2987 | 710 | 0.89 |
|           | 0.8 | 2559 | 808 | 1.01 |
| T3        | 0.2 | 4415 | 602 | 1.15 |
|           | 0.4 | 4241 | 672 | 1.29 |
|           | 0.6 | 4013 | 758 | 1.45 |
|           | 0.8 | 3811 | 825 | 1.58 |
| T4        | 0.2 | 5156 | 650 | 1.62 |
|           | 0.4 | 4977 | 713 | 1.78 |
|           | 0.6 | 4785 | 780 | 1.94 |
|           | 0.8 | 4580 | 856 | 2.13 |
| T5        | 0.2 | 5420 | 667 | 1.84 |
|           | 0.4 | 5273 | 730 | 2.01 |
|           | 0.6 | 5092 | 804 | 2.21 |
|           | 0.8 | 4863 | 865 | 2.38 |
| T6        | 0.2 | 4415 | 602 | 1.15 |
|           | 0.4 | 4241 | 672 | 1.29 |
|           | 0.6 | 4013 | 758 | 1.45 |
|           | 0.8 | 3811 | 825 | 1.58 |
| T7        | 0.2 | 4914 | 644 | 1.47 |
|           | 0.4 | 4736 | 705 | 1.61 |
|           | 0.6 | 4509 | 766 | 1.75 |
|           | 0.8 | 4284 | 846 | 1.93 |
| T8        | 0.2 | 4415 | 602 | 1.15 |
|           | 0.4 | 4241 | 672 | 1.29 |
|           | 0.6 | 4013 | 758 | 1.45 |
|           | 0.8 | 3811 | 825 | 1.58 |
| T9        | 0.2 | 4623 | 623 | 1.30 |
|           | 0.4 | 4457 | 699 | 1.46 |
|           | 0.6 | 4242 | 772 | 1.62 |
|           | 0.8 | 4029 | 837 | 1.75 |
| T10       | 0.2 | 4914 | 644 | 1.47 |
|           | 0.4 | 4736 | 705 | 1.61 |
|           | 0.6 | 4509 | 766 | 1.75 |
|           | 0.8 | 4284 | 846 | 1.93 |

| HORIZONTAL FLOW |     |      |     |      |
|-----------------|-----|------|-----|------|
| SPEED TAP       | ESP | CFM  | RPM | BHP  |
| T1              | 0.2 | 2620 | 509 | 0.44 |
|                 | 0.4 | -    | -   | -    |
|                 | 0.6 | -    | -   | -    |
|                 | 0.8 | -    | -   | -    |
| T2              | 0.2 | 3256 | 567 | 0.71 |
|                 | 0.4 | 3076 | 640 | 0.80 |
|                 | 0.6 | 2960 | 682 | 0.85 |
|                 | 0.8 | 2616 | 766 | 0.96 |
| T3              | 0.2 | 4179 | 689 | 1.32 |
|                 | 0.4 | 4042 | 731 | 1.40 |
|                 | 0.6 | 3895 | 782 | 1.50 |
|                 | 0.8 | 3754 | 822 | 1.58 |
| T4              | 0.2 | 4840 | 747 | 1.86 |
|                 | 0.4 | 4688 | 805 | 2.00 |
|                 | 0.6 | 4591 | 841 | 2.09 |
|                 | 0.8 | 4461 | 885 | 2.20 |
| T5              | 0.2 | 5098 | 774 | 2.13 |
|                 | 0.4 | 4936 | 831 | 2.29 |
|                 | 0.6 | 4835 | 867 | 2.39 |
|                 | 0.8 | 4725 | 908 | 2.50 |
| T6              | 0.2 | 4179 | 689 | 1.32 |
|                 | 0.4 | 4042 | 731 | 1.40 |
|                 | 0.6 | 3895 | 782 | 1.50 |
|                 | 0.8 | 3754 | 822 | 1.58 |
| T7              | 0.2 | 4614 | 734 | 1.68 |
|                 | 0.4 | 4501 | 781 | 1.79 |
|                 | 0.6 | 4389 | 820 | 1.87 |
|                 | 0.8 | 4262 | 865 | 1.98 |
| T8              | 0.2 | 4179 | 689 | 1.32 |
|                 | 0.4 | 4042 | 731 | 1.40 |
|                 | 0.6 | 3895 | 782 | 1.50 |
|                 | 0.8 | 3754 | 822 | 1.58 |
| T9              | 0.2 | 4418 | 715 | 1.50 |
|                 | 0.4 | 4294 | 755 | 1.58 |
|                 | 0.6 | 4170 | 800 | 1.68 |
|                 | 0.8 | 4026 | 841 | 1.76 |
| T10             | 0.2 | 4614 | 734 | 1.68 |
|                 | 0.4 | 4501 | 781 | 1.79 |
|                 | 0.6 | 4389 | 820 | 1.87 |
|                 | 0.8 | 4262 | 865 | 1.98 |

## 12.5 Ton Cooler • Medium Static Direct Drive

Models: DHC1503L, DHC1504L, DHC1507L

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T1        | 0.2 | 2820 | 480  | 0.41 | T1              | 0.2 | 2620 | 509  | 0.44 |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
| T2        | 0.2 | 4298 | 596  | 1.09 | T2              | 0.2 | 4044 | 674  | 1.23 |
|           | 0.4 | 4122 | 663  | 1.21 |                 | 0.4 | 3891 | 719  | 1.32 |
|           | 0.6 | 3899 | 755  | 1.38 |                 | 0.6 | 3736 | 773  | 1.41 |
|           | 0.8 | 3711 | 820  | 1.50 |                 | 0.8 | 3589 | 813  | 1.49 |
|           | 1.0 | 3488 | 886  | 1.62 |                 | 1.0 | 3448 | 850  | 1.56 |
|           | 1.2 | 2970 | 1010 | 1.85 |                 | 1.2 | 3310 | 891  | 1.63 |
| T3        | 0.2 | 4415 | 602  | 1.15 | T3              | 0.2 | 4179 | 689  | 1.32 |
|           | 0.4 | 4241 | 672  | 1.29 |                 | 0.4 | 4042 | 731  | 1.40 |
|           | 0.6 | 4013 | 758  | 1.45 |                 | 0.6 | 3895 | 782  | 1.50 |
|           | 0.8 | 3811 | 825  | 1.58 |                 | 0.8 | 3754 | 822  | 1.58 |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
| T4        | 0.2 | 5156 | 650  | 1.62 | T4              | 0.2 | 4840 | 747  | 1.86 |
|           | 0.4 | 4977 | 713  | 1.78 |                 | 0.4 | 4688 | 805  | 2.00 |
|           | 0.6 | 4785 | 780  | 1.94 |                 | 0.6 | 4591 | 841  | 2.09 |
|           | 0.8 | 4580 | 856  | 2.13 |                 | 0.8 | 4461 | 885  | 2.20 |
|           | 1.0 | 4342 | 921  | 2.29 |                 | 1.0 | 4342 | 925  | 2.30 |
|           | 1.2 | 4113 | 981  | 2.44 |                 | 1.2 | 4235 | 955  | 2.38 |
| T5        | 0.2 | 5420 | 667  | 1.84 | T5              | 0.2 | 5098 | 774  | 2.13 |
|           | 0.4 | 5273 | 730  | 2.01 |                 | 0.4 | 4936 | 831  | 2.29 |
|           | 0.6 | 5092 | 804  | 2.21 |                 | 0.6 | 4835 | 867  | 2.39 |
|           | 0.8 | 4863 | 865  | 2.38 |                 | 0.8 | 4725 | 908  | 2.50 |
|           | 1.0 | 4651 | 936  | 2.58 |                 | 1.0 | 4607 | 954  | 2.63 |
|           | 1.2 | 4429 | 1001 | 2.76 |                 | 1.2 | 4489 | 983  | 2.71 |
| T6        | 0.2 | 4914 | 644  | 1.47 | T6              | 0.2 | 4614 | 734  | 1.68 |
|           | 0.4 | 4736 | 705  | 1.61 |                 | 0.4 | 4501 | 781  | 1.79 |
|           | 0.6 | 4509 | 766  | 1.75 |                 | 0.6 | 4389 | 820  | 1.87 |
|           | 0.8 | 4284 | 846  | 1.93 |                 | 0.8 | 4262 | 865  | 1.98 |
|           | 1.0 | 4076 | 915  | 2.1  |                 | 1.0 | 4139 | 903  | 2.06 |
|           | 1.2 | 3843 | 970  | 2.22 |                 | 1.2 | 4017 | 938  | 2.1  |
| T7        | 0.2 | 5420 | 667  | 1.84 | T7              | 0.2 | 5098 | 774  | 2.13 |
|           | 0.4 | 5273 | 730  | 2.01 |                 | 0.4 | 4936 | 831  | 2.29 |
|           | 0.6 | 5092 | 804  | 2.21 |                 | 0.6 | 4835 | 867  | 2.39 |
|           | 0.8 | 4863 | 865  | 2.38 |                 | 0.8 | 4725 | 908  | 2.50 |
|           | 1.0 | 4651 | 936  | 2.58 |                 | 1.0 | 4607 | 954  | 2.63 |
|           | 1.2 | 4429 | 1001 | 2.76 |                 | 1.2 | 4489 | 983  | 2.71 |
| T8        | 0.2 | 4914 | 644  | 1.47 | T8              | 0.2 | 4614 | 734  | 1.68 |
|           | 0.4 | 4736 | 705  | 1.61 |                 | 0.4 | 4501 | 781  | 1.79 |
|           | 0.6 | 4509 | 766  | 1.75 |                 | 0.6 | 4389 | 820  | 1.87 |
|           | 0.8 | 4284 | 846  | 1.93 |                 | 0.8 | 4262 | 865  | 1.98 |
|           | 1.0 | 4076 | 915  | 2.1  |                 | 1.0 | 4139 | 903  | 2.06 |
|           | 1.2 | 3843 | 970  | 2.22 |                 | 1.2 | 4017 | 938  | 2.1  |
| T9        | 0.2 | 5156 | 650  | 1.62 | T9              | 0.2 | 4840 | 747  | 1.86 |
|           | 0.4 | 4977 | 713  | 1.78 |                 | 0.4 | 4688 | 805  | 2.00 |
|           | 0.6 | 4785 | 780  | 1.94 |                 | 0.6 | 4591 | 841  | 2.09 |
|           | 0.8 | 4580 | 856  | 2.13 |                 | 0.8 | 4461 | 885  | 2.20 |
|           | 1.0 | 4342 | 921  | 2.29 |                 | 1.0 | 4342 | 925  | 2.30 |
|           | 1.2 | 4113 | 981  | 2.44 |                 | 1.2 | 4235 | 955  | 2.38 |
| T10       | 0.2 | 5420 | 667  | 1.84 | T10             | 0.2 | 5098 | 774  | 2.13 |
|           | 0.4 | 5273 | 730  | 2.01 |                 | 0.4 | 4936 | 831  | 2.29 |
|           | 0.6 | 5092 | 804  | 2.21 |                 | 0.6 | 4835 | 867  | 2.39 |
|           | 0.8 | 4863 | 865  | 2.38 |                 | 0.8 | 4725 | 908  | 2.50 |
|           | 1.0 | 4651 | 936  | 2.58 |                 | 1.0 | 4607 | 954  | 2.63 |
|           | 1.2 | 4429 | 1001 | 2.76 |                 | 1.2 | 4489 | 983  | 2.71 |
|           | 1.4 | 4197 | 1020 | 2.81 |                 | 1.4 | 4386 | 1016 | 2.80 |

12.5 Ton Cooler • High Static Direct Drive  
Models: DHC1503W, DHC1504W, DHC1507W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T1        | 0.2 | 2504 | 531  | 0.46 | T1              | 0.2 | 2512 | 508  | 0.44 |
|           | 0.4 | -    | -    | -    |                 | 0.4 | -    | -    | -    |
|           | 0.6 | -    | -    | -    |                 | 0.6 | -    | -    | -    |
|           | 0.8 | -    | -    | -    |                 | 0.8 | -    | -    | -    |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T2        | 0.2 | 4164 | 759  | 1.56 | T2              | 0.2 | 4186 | 706  | 1.45 |
|           | 0.4 | 4107 | 794  | 1.64 |                 | 0.4 | 4079 | 753  | 1.55 |
|           | 0.6 | 3980 | 840  | 1.73 |                 | 0.6 | 3981 | 796  | 1.64 |
|           | 0.8 | 3882 | 882  | 1.82 |                 | 0.8 | 3854 | 847  | 1.74 |
|           | 1.0 | 3738 | 931  | 1.92 |                 | 1.0 | 3727 | 897  | 1.85 |
|           | 1.2 | 3438 | 1005 | 2.07 |                 | 1.2 | 3627 | 938  | 1.93 |
|           | 1.4 | 3189 | 1069 | 2.20 |                 | 1.4 | 3517 | 982  | 2.02 |
|           | 1.6 | 3026 | 1108 | 2.28 |                 | 1.6 | 3262 | 1043 | 2.15 |
|           | 1.8 | 2930 | 1129 | 2.33 |                 | 1.8 | 2915 | 1118 | 2.30 |
|           | 2.0 | 2843 | 1155 | 2.38 |                 | 2.0 | 2812 | 1145 | 2.36 |
| T3        | 0.2 | 4164 | 759  | 1.56 | T3              | 0.2 | 4186 | 706  | 1.45 |
|           | 0.4 | 4107 | 794  | 1.64 |                 | 0.4 | 4079 | 753  | 1.55 |
|           | 0.6 | 3980 | 840  | 1.73 |                 | 0.6 | 3981 | 796  | 1.64 |
|           | 0.8 | 3882 | 882  | 1.82 |                 | 0.8 | 3854 | 847  | 1.74 |
|           | 1.0 | -    | -    | -    |                 | 1.0 | -    | -    | -    |
|           | 1.2 | -    | -    | -    |                 | 1.2 | -    | -    | -    |
|           | 1.4 | -    | -    | -    |                 | 1.4 | -    | -    | -    |
|           | 1.6 | -    | -    | -    |                 | 1.6 | -    | -    | -    |
|           | 1.8 | -    | -    | -    |                 | 1.8 | -    | -    | -    |
|           | 2.0 | -    | -    | -    |                 | 2.0 | -    | -    | -    |
| T4        | 0.2 | 5401 | 945  | 3.38 | T4              | 0.2 | 5489 | 873  | 3.12 |
|           | 0.4 | 5314 | 977  | 3.49 |                 | 0.4 | 5410 | 904  | 3.23 |
|           | 0.6 | 5214 | 1011 | 3.61 |                 | 0.6 | 5325 | 937  | 3.35 |
|           | 0.8 | 5142 | 1041 | 3.72 |                 | 0.8 | 5235 | 970  | 3.46 |
|           | 1.0 | 5050 | 1073 | 3.83 |                 | 1.0 | 5136 | 1004 | 3.59 |
|           | 1.2 | 4952 | 1107 | 3.95 |                 | 1.2 | 5038 | 1043 | 3.73 |
|           | 1.4 | 4863 | 1139 | 4.07 |                 | 1.4 | 4936 | 1083 | 3.87 |
|           | 1.6 | 4742 | 1175 | 4.20 |                 | 1.6 | 4819 | 1123 | 4.01 |
|           | 1.8 | 4627 | 1210 | 4.32 |                 | 1.8 | 4699 | 1166 | 4.16 |
|           | 2.0 | 4511 | 1247 | 4.45 |                 | 2.0 | 4595 | 1196 | 4.27 |
| T5        | 0.2 | 5671 | 990  | 3.95 | T5              | 0.2 | 5770 | 911  | 3.63 |
|           | 0.4 | 5580 | 1019 | 4.06 |                 | 0.4 | 5685 | 940  | 3.75 |
|           | 0.6 | 5495 | 1049 | 4.18 |                 | 0.6 | 5605 | 971  | 3.87 |
|           | 0.8 | 5419 | 1077 | 4.30 |                 | 0.8 | 5518 | 1001 | 3.99 |
|           | 1.0 | 5345 | 1109 | 4.42 |                 | 1.0 | 5425 | 1036 | 4.13 |
|           | 1.2 | 5257 | 1139 | 4.54 |                 | 1.2 | 5336 | 1072 | 4.27 |
|           | 1.4 | 5162 | 1169 | 4.66 |                 | 1.4 | 5235 | 1108 | 4.42 |
|           | 1.6 | 5060 | 1205 | 4.81 |                 | 1.6 | 5113 | 1151 | 4.59 |
|           | 1.8 | 4938 | 1240 | 4.95 |                 | 1.8 | 4977 | 1194 | 4.76 |
|           | 2.0 | 4824 | 1273 | 5.08 |                 | 2.0 | 4871 | 1221 | 4.87 |
| T6        | 0.2 | 4891 | 868  | 2.42 | T6              | 0.2 | 4970 | 803  | 2.24 |
|           | 0.4 | 4809 | 902  | 2.51 |                 | 0.4 | 4889 | 840  | 2.34 |
|           | 0.6 | 4718 | 939  | 2.62 |                 | 0.6 | 4799 | 877  | 2.44 |
|           | 0.8 | 4628 | 972  | 2.71 |                 | 0.8 | 4702 | 921  | 2.57 |
|           | 1.0 | 4531 | 1006 | 2.80 |                 | 1.0 | 4614 | 953  | 2.65 |
|           | 1.2 | 4419 | 1047 | 2.92 |                 | 1.2 | 4492 | 1001 | 2.79 |
|           | 1.4 | 4304 | 1086 | 3.03 |                 | 1.4 | 4364 | 1053 | 2.93 |
|           | 1.6 | 4186 | 1123 | 3.13 |                 | 1.6 | 4259 | 1081 | 3.01 |
|           | 1.8 | 4064 | 1157 | 3.22 |                 | 1.8 | 4129 | 1122 | 3.13 |
|           | 2.0 | -    | -    | -    |                 | 2.0 | 4011 | 1156 | 3.22 |

12.5 Ton Cooler • High Static Direct Drive  
Models: DHC1503W, DHC1504W, DHC1507W

| DOWN FLOW |     |      |      |      | HORIZONTAL FLOW |     |      |      |      |
|-----------|-----|------|------|------|-----------------|-----|------|------|------|
| SPEED TAP | ESP | CFM  | RPM  | BHP  | SPEED TAP       | ESP | CFM  | RPM  | BHP  |
| T7        | 0.2 | 5401 | 945  | 3.38 | T7              | 0.2 | 5489 | 873  | 3.12 |
|           | 0.4 | 5314 | 977  | 3.49 |                 | 0.4 | 5410 | 904  | 3.23 |
|           | 0.6 | 5214 | 1011 | 3.61 |                 | 0.6 | 5325 | 937  | 3.35 |
|           | 0.8 | 5142 | 1041 | 3.72 |                 | 0.8 | 5235 | 970  | 3.46 |
|           | 1.0 | 5050 | 1073 | 3.83 |                 | 1.0 | 5136 | 1004 | 3.59 |
|           | 1.2 | 4952 | 1107 | 3.95 |                 | 1.2 | 5038 | 1043 | 3.73 |
|           | 1.4 | 4863 | 1139 | 4.07 |                 | 1.4 | 4936 | 1083 | 3.87 |
|           | 1.6 | 4742 | 1175 | 4.20 |                 | 1.6 | 4819 | 1123 | 4.01 |
|           | 1.8 | 4627 | 1210 | 4.32 |                 | 1.8 | 4699 | 1166 | 4.16 |
|           | 2.0 | 4511 | 1247 | 4.45 |                 | 2.0 | 4595 | 1196 | 4.27 |
| T8        | 0.2 | 4891 | 868  | 2.42 | T8              | 0.2 | 4970 | 803  | 2.24 |
|           | 0.4 | 4809 | 902  | 2.51 |                 | 0.4 | 4889 | 840  | 2.34 |
|           | 0.6 | 4718 | 939  | 2.62 |                 | 0.6 | 4799 | 877  | 2.44 |
|           | 0.8 | 4628 | 972  | 2.71 |                 | 0.8 | 4702 | 921  | 2.57 |
|           | 1.0 | 4531 | 1006 | 2.80 |                 | 1.0 | 4614 | 953  | 2.65 |
|           | 1.2 | 4419 | 1047 | 2.92 |                 | 1.2 | 4492 | 1001 | 2.79 |
|           | 1.4 | 4304 | 1086 | 3.03 |                 | 1.4 | 4364 | 1053 | 2.93 |
|           | 1.6 | 4186 | 1123 | 3.13 |                 | 1.6 | 4259 | 1081 | 3.01 |
|           | 1.8 | 4064 | 1157 | 3.22 |                 | 1.8 | 4129 | 1122 | 3.13 |
|           | 2.0 | -    | -    | -    |                 | 2.0 | 4011 | 1156 | 3.22 |
| T9        | 0.2 | 5197 | 915  | 3.05 | T9              | 0.2 | 5282 | 846  | 2.82 |
|           | 0.4 | 5109 | 947  | 3.16 |                 | 0.4 | 5199 | 847  | 2.82 |
|           | 0.6 | 5007 | 980  | 3.27 |                 | 0.6 | 5113 | 870  | 2.90 |
|           | 0.8 | 4933 | 1014 | 3.38 |                 | 0.8 | 5017 | 915  | 3.05 |
|           | 1.0 | 4845 | 1047 | 3.49 |                 | 1.0 | 4913 | 982  | 3.27 |
|           | 1.2 | 4737 | 1083 | 3.61 |                 | 1.2 | 4817 | 1026 | 3.42 |
|           | 1.4 | 4638 | 1118 | 3.73 |                 | 1.4 | 4716 | 1067 | 3.56 |
|           | 1.6 | 4520 | 1153 | 3.84 |                 | 1.6 | 4598 | 1108 | 3.69 |
|           | 1.8 | 4398 | 1191 | 3.97 |                 | 1.8 | 4479 | 1147 | 3.82 |
|           | 2.0 | 4285 | 1222 | 4.07 |                 | 2.0 | 4360 | 1179 | 3.93 |
| T10       | 0.2 | 5401 | 945  | 3.38 | T10             | 0.2 | 5489 | 873  | 3.12 |
|           | 0.4 | 5314 | 977  | 3.49 |                 | 0.4 | 5410 | 904  | 3.23 |
|           | 0.6 | 5214 | 1011 | 3.61 |                 | 0.6 | 5325 | 937  | 3.35 |
|           | 0.8 | 5142 | 1041 | 3.72 |                 | 0.8 | 5235 | 970  | 3.46 |
|           | 1.0 | 5050 | 1073 | 3.83 |                 | 1.0 | 5136 | 1004 | 3.59 |
|           | 1.2 | 4952 | 1107 | 3.95 |                 | 1.2 | 5038 | 1043 | 3.73 |
|           | 1.4 | 4863 | 1139 | 4.07 |                 | 1.4 | 4936 | 1083 | 3.87 |
|           | 1.6 | 4742 | 1175 | 4.20 |                 | 1.6 | 4819 | 1123 | 4.01 |
|           | 1.8 | 4627 | 1210 | 4.32 |                 | 1.8 | 4699 | 1166 | 4.16 |
|           | 2.0 | 4511 | 1247 | 4.45 |                 | 2.0 | 4595 | 1196 | 4.27 |

**7.5 Ton Models: DHC0903D, DHC0904D & DHC0907D with DDC CONTROLS • Standard Static to 1.7 HP (0.2 ~ 0.8 Esp) • Down Flow**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP |
| 1400 |     |       |      |     |       |      |     |       |      | 782 | 25    | 0.49 | -   | -     | -   |
| 1600 |     |       |      | 647 | 20    | 0.37 | 717 | 25    | 0.43 | 801 | 33    | 0.57 | -   | -     | -   |
| 1800 | 555 | 20    | 0.33 | 671 | 28    | 0.44 | 740 | 33    | 0.50 | 820 | 40    | 0.65 | -   | -     | -   |
| 2000 | 587 | 28    | 0.40 | 696 | 35    | 0.51 | 763 | 40    | 0.57 | 839 | 45    | 0.75 | -   | -     | -   |
| 2200 | 619 | 38    | 0.48 | 720 | 43    | 0.60 | 786 | 48    | 0.66 | 858 | 53    | 0.87 | -   | -     | -   |
| 2400 | 651 | 45    | 0.57 | 745 | 51    | 0.71 | 809 | 56    | 0.76 | 877 | 61    | 1.00 | -   | -     | -   |
| 2600 | 683 | 53    | 0.69 | 769 | 58    | 0.83 | 832 | 63    | 0.87 | 896 | 68    | 1.15 | -   | -     | -   |
| 2800 | 715 | 61    | 0.82 | 794 | 66    | 0.98 | 855 | 71    | 1.00 | 915 | 76    | 1.32 | -   | -     | -   |
| 3000 | 747 | 68    | 0.99 | 818 | 73    | 1.14 | 878 | 79    | 1.15 | 934 | 84    | 1.52 | -   | -     | -   |
| 3200 | 779 | 79    | 1.18 | 843 | 81    | 1.34 | 901 | 86    | 1.33 | 953 | 89    | 1.74 | -   | -     | -   |
| 3400 | 810 | 86    | 1.41 | 867 | 89    | 1.58 | 924 | 90    | 1.53 |     |       |      | -   | -     | -   |
| 3600 | 842 | 90    | 1.69 |     |       |      |     |       |      |     |       |      | -   | -     | -   |

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**HORIZONTAL FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP |
| 1400 | 409 | 33    | 0.23 | 518 | 20    | 0.32 | 597 | 20    | 0.41 | 720 | 30    | 0.59 | -   | -     | -   |
| 1600 | 440 | 38    | 0.27 | 542 | 28    | 0.37 | 619 | 25    | 0.48 | 733 | 38    | 0.67 | -   | -     | -   |
| 1800 | 471 | 45    | 0.33 | 567 | 33    | 0.44 | 641 | 35    | 0.55 | 745 | 45    | 0.75 | -   | -     | -   |
| 2000 | 502 | 51    | 0.39 | 591 | 40    | 0.51 | 664 | 43    | 0.63 | 758 | 51    | 0.85 | -   | -     | -   |
| 2200 | 533 | 58    | 0.47 | 616 | 48    | 0.60 | 686 | 51    | 0.72 | 771 | 58    | 0.96 | -   | -     | -   |
| 2400 | 564 | 63    | 0.56 | 640 | 56    | 0.71 | 708 | 58    | 0.83 | 784 | 66    | 1.08 | -   | -     | -   |
| 2600 | 595 | 68    | 0.67 | 665 | 63    | 0.83 | 730 | 66    | 0.96 | 797 | 71    | 1.22 | -   | -     | -   |
| 2800 | 626 | 76    | 0.81 | 690 | 68    | 0.97 | 752 | 73    | 1.10 | 809 | 79    | 1.37 | -   | -     | -   |
| 3000 | 657 | 81    | 0.97 | 714 | 76    | 1.14 | 774 | 81    | 1.27 | 822 | 86    | 1.55 | -   | -     | -   |
| 3200 | 688 | 89    | 1.16 | 739 | 84    | 1.34 | 796 | 89    | 1.46 | 835 | 90    | 1.75 | -   | -     | -   |
| 3400 | 718 | 90    | 1.38 | 763 | 90    | 1.57 |     |       |      |     |       |      | -   | -     | -   |
| 3600 |     |       |      |     |       |      |     |       |      |     |       |      | -   | -     | -   |

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**7.5 Ton Models: DHC0903L, DHC0904L & DHC0907L with DDC CONTROLS • Medium Static to 2.4 HP (0.2 ~ 1.4 Esp) • Down Flow**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8  |       |      | 1.0  |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1400 | 486 | 7     | 0.24 | 594 | 13    | 0.31 | 691 | 17    | 0.38 | 782  | 22    | 0.49 | 821  | 13    | 0.58 |
| 1600 | 519 | 13    | 0.28 | 622 | 18    | 0.36 | 715 | 23    | 0.43 | 802  | 27    | 0.57 | 843  | 20    | 0.66 |
| 1800 | 553 | 18    | 0.34 | 651 | 23    | 0.42 | 740 | 28    | 0.50 | 822  | 32    | 0.65 | 865  | 27    | 0.74 |
| 2000 | 586 | 25    | 0.41 | 679 | 30    | 0.50 | 764 | 33    | 0.57 | 843  | 37    | 0.75 | 887  | 33    | 0.84 |
| 2200 | 619 | 30    | 0.49 | 708 | 35    | 0.58 | 788 | 38    | 0.66 | 863  | 43    | 0.86 | 909  | 40    | 0.94 |
| 2400 | 652 | 37    | 0.58 | 736 | 40    | 0.69 | 813 | 45    | 0.76 | 883  | 48    | 0.99 | 931  | 45    | 1.06 |
| 2600 | 685 | 42    | 0.70 | 764 | 46    | 0.80 | 837 | 50    | 0.87 | 903  | 53    | 1.14 | 953  | 51    | 1.20 |
| 2800 | 719 | 48    | 0.84 | 793 | 51    | 0.94 | 861 | 55    | 1.00 | 923  | 58    | 1.31 | 975  | 58    | 1.35 |
| 3000 | 752 | 53    | 1.00 | 821 | 58    | 1.11 | 886 | 60    | 1.15 | 943  | 63    | 1.51 | 997  | 65    | 1.52 |
| 3200 | 785 | 60    | 1.20 | 849 | 63    | 1.30 | 910 | 66    | 1.33 | 964  | 68    | 1.73 | 1019 | 71    | 1.72 |
| 3400 | 818 | 65    | 1.43 | 878 | 68    | 1.53 | 935 | 71    | 1.53 | 984  | 73    | 1.99 | 1041 | 78    | 1.94 |
| 3600 | 852 | 71    | 1.72 | 906 | 75    | 1.79 | 959 | 76    | 1.76 | 1004 | 78    | 2.29 | 1063 | 85    | 2.18 |
| 3800 | 885 | 76    | 2.05 | 935 | 80    | 2.10 | 983 | 81    | 2.02 |      |       |      |      |       |      |

| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6 |       |     | 1.8 |       |     | 2.0 |       |     |
|------|------|-------|------|------|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-----|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM | DDC % | BHP | RPM | DDC % | BHP | RPM | DDC % | BHP |
| 1400 | 919  | 25    | 0.76 | 1040 | 33    | 1.00 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 1600 | 936  | 30    | 0.84 | 1048 | 38    | 1.08 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 1800 | 952  | 35    | 0.93 | 1056 | 43    | 1.17 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2000 | 969  | 42    | 1.02 | 1064 | 48    | 1.27 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2200 | 986  | 46    | 1.13 | 1071 | 53    | 1.38 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2400 | 1002 | 51    | 1.25 | 1079 | 58    | 1.49 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2600 | 1019 | 58    | 1.38 | 1087 | 63    | 1.62 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2800 | 1035 | 63    | 1.53 | 1095 | 68    | 1.75 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3000 | 1052 | 68    | 1.69 | 1102 | 73    | 1.90 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3200 | 1068 | 75    | 1.86 | 1110 | 78    | 2.05 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3400 | 1085 | 80    | 2.06 | 1118 | 81    | 2.22 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3600 | 1101 | 86    | 2.28 | 1126 | 86    | 2.41 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3800 |      |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

#### HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1400 | 421 | 13    | 0.20 | 507 | 18    | 0.31 | 560 | 13    | 0.39 | 652 | 20    | 0.53 | 736 | 27    | 0.61 |
| 1600 | 450 | 18    | 0.24 | 535 | 23    | 0.36 | 587 | 20    | 0.45 | 675 | 27    | 0.60 | 755 | 32    | 0.67 |
| 1800 | 478 | 23    | 0.28 | 562 | 28    | 0.42 | 615 | 27    | 0.50 | 697 | 32    | 0.67 | 775 | 37    | 0.74 |
| 2000 | 506 | 28    | 0.33 | 590 | 33    | 0.50 | 643 | 32    | 0.57 | 720 | 37    | 0.76 | 794 | 42    | 0.82 |
| 2200 | 534 | 35    | 0.39 | 618 | 38    | 0.58 | 670 | 38    | 0.64 | 742 | 43    | 0.85 | 813 | 46    | 0.90 |
| 2400 | 563 | 40    | 0.46 | 645 | 43    | 0.69 | 698 | 43    | 0.72 | 765 | 48    | 0.96 | 833 | 53    | 1.00 |
| 2600 | 591 | 45    | 0.53 | 673 | 50    | 0.81 | 725 | 50    | 0.81 | 788 | 53    | 1.09 | 852 | 58    | 1.10 |
| 2800 | 619 | 50    | 0.63 | 701 | 55    | 0.94 | 753 | 55    | 0.91 | 810 | 58    | 1.22 | 872 | 63    | 1.22 |
| 3000 | 647 | 55    | 0.74 | 728 | 60    | 1.11 | 780 | 61    | 1.03 | 833 | 65    | 1.38 | 891 | 68    | 1.35 |
| 3200 | 675 | 61    | 0.86 | 756 | 65    | 1.30 | 808 | 66    | 1.16 | 856 | 70    | 1.56 | 910 | 73    | 1.49 |
| 3400 | 704 | 66    | 1.01 | 783 | 70    | 1.53 | 836 | 73    | 1.31 | 878 | 75    | 1.76 | 930 | 80    | 1.65 |
| 3600 | 732 | 71    | 1.19 | 811 | 75    | 1.79 | 863 | 80    | 1.48 | 901 | 81    | 1.98 | 949 | 85    | 1.82 |
| 3800 | 760 | 76    | 1.40 | 839 | 80    | 2.10 | 891 | 85    | 1.67 | 923 | 86    | 2.23 | 968 | 90    | 2.01 |
| CFM  | 1.2 |       |      | 1.4 |       |      | 1.6 |       |      | 1.8 |       |      | 2.0 |       |      |
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1400 | 862 | 38    | 0.92 | 957 | 45    | 1.09 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 1600 | 872 | 42    | 0.99 | 960 | 48    | 1.15 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 1800 | 882 | 46    | 1.08 | 964 | 51    | 1.22 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2000 | 892 | 50    | 1.17 | 967 | 55    | 1.30 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2200 | 902 | 55    | 1.26 | 971 | 58    | 1.38 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2400 | 911 | 58    | 1.37 | 974 | 63    | 1.46 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2600 | 921 | 63    | 1.48 | 978 | 66    | 1.56 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2800 | 931 | 66    | 1.60 | 981 | 70    | 1.65 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3000 | 941 | 71    | 1.74 | 985 | 73    | 1.75 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3200 | 951 | 75    | 1.88 | 988 | 78    | 1.86 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3400 | 961 | 80    | 2.04 | 992 | 81    | 1.98 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3600 | 971 | 85    | 2.21 | 995 | 85    | 2.10 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3800 | 980 | 88    | 2.39 | 999 | 88    | 2.23 | -   | -     | -    | -   | -     | -    | -   | -     | -    |

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

## 7.5 Ton Models: DHC0903W, DHC0904W &amp; DHC0907W with DDC CONTROLS • High Static to 3.5 HP (0.2 ~ 2.0 Esp) • Down Flow

| CFM  | 0.2  |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |
|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1800 | 543  | 23    | 0.29 | 651  | 25    | 0.42 | 743  | 28    | 0.53 | 820  | 29    | 0.67 | 863  | 29    | 0.73 |
| 2000 | 580  | 25    | 0.35 | 680  | 29    | 0.49 | 766  | 32    | 0.61 | 842  | 33    | 0.77 | 885  | 33    | 0.82 |
| 2200 | 616  | 29    | 0.42 | 708  | 32    | 0.58 | 789  | 34    | 0.71 | 863  | 37    | 0.88 | 907  | 37    | 0.93 |
| 2400 | 652  | 33    | 0.50 | 736  | 36    | 0.68 | 812  | 38    | 0.81 | 884  | 39    | 1.01 | 929  | 41    | 1.05 |
| 2600 | 688  | 37    | 0.60 | 764  | 38    | 0.80 | 835  | 41    | 0.93 | 906  | 43    | 1.17 | 951  | 45    | 1.18 |
| 2800 | 725  | 39    | 0.71 | 792  | 42    | 0.94 | 858  | 43    | 1.07 | 927  | 46    | 1.34 | 974  | 47    | 1.33 |
| 3000 | 761  | 43    | 0.86 | 820  | 45    | 1.10 | 881  | 47    | 1.24 | 948  | 50    | 1.54 | 996  | 51    | 1.50 |
| 3200 | 797  | 47    | 1.02 | 848  | 49    | 1.29 | 904  | 50    | 1.42 | 970  | 54    | 1.77 | 1018 | 55    | 1.69 |
| 3400 | 833  | 51    | 1.23 | 876  | 52    | 1.52 | 927  | 54    | 1.63 | 991  | 56    | 2.04 | 1040 | 59    | 1.91 |
| 3600 | 870  | 55    | 1.47 | 904  | 55    | 1.78 | 950  | 56    | 1.88 | 1012 | 60    | 2.35 | 1062 | 61    | 2.15 |
| 3800 | 906  | 58    | 1.76 | 933  | 59    | 2.09 | 974  | 60    | 2.16 | 1033 | 63    | 2.70 | 1084 | 65    | 2.43 |
| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1800 | 948  | 34    | 0.90 | 1059 | 36    | 1.10 | 1137 | 39    | 1.48 | 1180 | 42    | 1.59 | 1217 | 45    | 1.54 |
| 2000 | 965  | 38    | 1.00 | 1068 | 39    | 1.19 | 1141 | 43    | 1.60 | 1185 | 45    | 1.72 | 1232 | 47    | 1.67 |
| 2200 | 981  | 41    | 1.10 | 1077 | 42    | 1.29 | 1145 | 46    | 1.73 | 1190 | 47    | 1.87 | 1246 | 50    | 1.81 |
| 2400 | 998  | 45    | 1.22 | 1087 | 45    | 1.40 | 1149 | 49    | 1.88 | 1195 | 50    | 2.02 | 1260 | 52    | 1.96 |
| 2600 | 1014 | 47    | 1.35 | 1096 | 49    | 1.52 | 1154 | 51    | 2.03 | 1200 | 52    | 2.19 | 1274 | 55    | 2.12 |
| 2800 | 1031 | 50    | 1.49 | 1105 | 51    | 1.64 | 1158 | 54    | 2.20 | 1205 | 56    | 2.37 | 1288 | 58    | 2.30 |
| 3000 | 1047 | 54    | 1.64 | 1115 | 55    | 1.78 | 1162 | 56    | 2.39 | 1210 | 59    | 2.57 | 1302 | 60    | 2.49 |
| 3200 | 1064 | 56    | 1.82 | 1124 | 58    | 1.93 | 1166 | 60    | 2.59 | 1215 | 61    | 2.78 | 1316 | 63    | 2.69 |
| 3400 | 1080 | 60    | 2.01 | 1133 | 61    | 2.09 | 1171 | 63    | 2.80 | 1220 | 64    | 3.02 | 1331 | 65    | 2.92 |
| 3600 | 1097 | 63    | 2.22 | 1143 | 64    | 2.26 | 1175 | 65    | 3.03 | 1225 | 67    | 3.27 | 1345 | 68    | 3.16 |
| 3800 | 1113 | 67    | 2.45 | 1152 | 67    | 2.45 | 1179 | 68    | 3.29 | 1230 | 71    | 3.50 | 1359 | 71    | 3.43 |

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## HORIZONTAL FLOW

| CFM  | 0.2  |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |
|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1800 | 466  | 23    | 0.29 | 567  | 29    | 0.42 | 632  | 32    | 0.51 | 673  | 30    | 0.65 | 762  | 33    | 0.75 |
| 2000 | 499  | 25    | 0.35 | 595  | 32    | 0.49 | 657  | 36    | 0.58 | 700  | 33    | 0.75 | 784  | 37    | 0.85 |
| 2200 | 532  | 29    | 0.42 | 622  | 34    | 0.58 | 681  | 38    | 0.65 | 727  | 37    | 0.87 | 806  | 39    | 0.96 |
| 2400 | 565  | 32    | 0.50 | 650  | 38    | 0.68 | 706  | 41    | 0.73 | 754  | 41    | 1.00 | 829  | 43    | 1.08 |
| 2600 | 598  | 36    | 0.60 | 677  | 41    | 0.80 | 731  | 43    | 0.82 | 781  | 43    | 1.15 | 851  | 46    | 1.21 |
| 2800 | 630  | 38    | 0.71 | 705  | 43    | 0.93 | 756  | 46    | 0.93 | 809  | 47    | 1.32 | 873  | 50    | 1.37 |
| 3000 | 663  | 42    | 0.85 | 732  | 47    | 1.10 | 780  | 49    | 1.05 | 836  | 51    | 1.52 | 895  | 52    | 1.54 |
| 3200 | 696  | 46    | 1.02 | 760  | 50    | 1.29 | 805  | 51    | 1.18 | 863  | 54    | 1.74 | 918  | 56    | 1.74 |
| 3400 | 729  | 49    | 1.22 | 788  | 52    | 1.51 | 830  | 55    | 1.33 | 890  | 58    | 2.01 | 940  | 59    | 1.96 |
| 3600 | 762  | 52    | 1.47 | 815  | 55    | 1.77 | 854  | 58    | 1.50 | 917  | 61    | 2.31 | 962  | 63    | 2.21 |
| 3800 | 795  | 55    | 1.75 | 843  | 59    | 2.08 | 879  | 60    | 1.69 | 945  | 64    | 2.65 | 984  | 65    | 2.50 |
| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1800 | 843  | 36    | 0.83 | 968  | 41    | 1.27 | 1025 | 43    | 1.51 | 1066 | 45    | 1.63 | 1112 | 46    | 1.79 |
| 2000 | 860  | 39    | 0.92 | 974  | 43    | 1.37 | 1029 | 46    | 1.63 | 1070 | 47    | 1.76 | 1118 | 50    | 1.94 |
| 2200 | 877  | 42    | 1.02 | 980  | 46    | 1.49 | 1033 | 49    | 1.77 | 1074 | 50    | 1.91 | 1124 | 52    | 2.10 |
| 2400 | 895  | 46    | 1.12 | 986  | 49    | 1.61 | 1037 | 51    | 1.92 | 1079 | 52    | 2.07 | 1130 | 55    | 2.27 |
| 2600 | 912  | 49    | 1.24 | 992  | 51    | 1.74 | 1041 | 54    | 2.08 | 1083 | 55    | 2.24 | 1135 | 58    | 2.46 |
| 2800 | 929  | 51    | 1.37 | 998  | 54    | 1.89 | 1045 | 56    | 2.25 | 1087 | 58    | 2.43 | 1141 | 60    | 2.67 |
| 3000 | 947  | 55    | 1.52 | 1004 | 56    | 2.05 | 1048 | 59    | 2.44 | 1092 | 60    | 2.63 | 1147 | 63    | 2.89 |
| 3200 | 964  | 58    | 1.67 | 1009 | 60    | 2.22 | 1052 | 61    | 2.64 | 1096 | 63    | 2.85 | 1153 | 65    | 3.13 |
| 3400 | 981  | 61    | 1.85 | 1015 | 63    | 2.40 | 1056 | 64    | 2.86 | 1100 | 65    | 3.09 | 1159 | 68    | 3.39 |
| 3600 | 999  | 64    | 2.05 | 1021 | 65    | 2.60 | 1060 | 67    | 3.10 | 1105 | 68    | 3.35 |      |       |      |
| 3800 | 1016 | 67    | 2.26 | 1027 | 68    | 2.82 | 1064 | 69    | 3.36 |      |       |      |      |       |      |

Shaded area indicates air flow below 2250 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## 8.5 Ton Models: DHC1023D, DHC1024D &amp; DHC1027D with DDC CONTROL • Standard Static to 2.4 HP (0.2 ~ 0.8 Esp) • Down Flow

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8  |       |      | 1.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|------|------|-------|------|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM | DDC % | BHP |
| 1600 |     |       |      |     |       |      | 607 | 22    | 0.48 | 801  | 28    | 0.61 | -   | -     | -   |
| 1800 | 424 | 18    | 0.37 | 515 | 23    | 0.46 | 625 | 27    | 0.54 | 820  | 33    | 0.69 | -   | -     | -   |
| 2000 | 452 | 23    | 0.44 | 539 | 30    | 0.54 | 642 | 33    | 0.61 | 839  | 37    | 0.77 | -   | -     | -   |
| 2200 | 480 | 30    | 0.53 | 563 | 35    | 0.63 | 659 | 38    | 0.68 | 858  | 42    | 0.87 | -   | -     | -   |
| 2400 | 507 | 35    | 0.63 | 588 | 40    | 0.74 | 677 | 45    | 0.77 | 877  | 46    | 0.98 | -   | -     | -   |
| 2600 | 535 | 42    | 0.76 | 612 | 46    | 0.87 | 694 | 50    | 0.87 | 896  | 51    | 1.11 | -   | -     | -   |
| 2800 | 563 | 46    | 0.90 | 636 | 51    | 1.02 | 711 | 56    | 0.98 | 915  | 56    | 1.25 | -   | -     | -   |
| 3000 | 590 | 53    | 1.08 | 660 | 56    | 1.20 | 729 | 61    | 1.10 | 934  | 61    | 1.41 | -   | -     | -   |
| 3200 | 618 | 58    | 1.30 | 684 | 63    | 1.41 | 746 | 66    | 1.24 | 953  | 65    | 1.59 | -   | -     | -   |
| 3400 | 646 | 63    | 1.55 | 708 | 68    | 1.65 | 763 | 73    | 1.40 | 972  | 70    | 1.79 | -   | -     | -   |
| 3600 | 673 | 70    | 1.86 | 733 | 73    | 1.94 | 781 | 78    | 1.58 | 991  | 75    | 2.02 | -   | -     | -   |
| 3800 | 701 | 75    | 2.23 | 757 | 80    | 2.28 | 798 | 85    | 1.78 | 1010 | 80    | 2.28 | -   | -     | -   |

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP |
| 1600 |     |       |      |     |       |      |     |       |      | 611 | 22    | 0.49 | -   | -     | -   |
| 1800 |     |       |      | 496 | 22    | 0.34 | 581 | 23    | 0.47 | 632 | 27    | 0.56 | -   | -     | -   |
| 2000 | 435 | 22    | 0.32 | 521 | 27    | 0.39 | 603 | 30    | 0.53 | 654 | 33    | 0.63 | -   | -     | -   |
| 2200 | 464 | 28    | 0.37 | 546 | 33    | 0.45 | 626 | 35    | 0.59 | 675 | 38    | 0.71 | -   | -     | -   |
| 2400 | 494 | 33    | 0.43 | 571 | 38    | 0.52 | 648 | 42    | 0.67 | 696 | 43    | 0.80 | -   | -     | -   |
| 2600 | 523 | 40    | 0.51 | 596 | 45    | 0.60 | 671 | 46    | 0.75 | 718 | 50    | 0.90 | -   | -     | -   |
| 2800 | 552 | 45    | 0.60 | 621 | 50    | 0.69 | 693 | 53    | 0.85 | 739 | 55    | 1.01 | -   | -     | -   |
| 3000 | 581 | 51    | 0.70 | 646 | 55    | 0.79 | 715 | 60    | 0.96 | 760 | 61    | 1.14 | -   | -     | -   |
| 3200 | 611 | 58    | 0.82 | 671 | 61    | 0.91 | 738 | 65    | 1.08 | 782 | 66    | 1.29 | -   | -     | -   |
| 3400 | 640 | 63    | 0.97 | 695 | 66    | 1.05 | 760 | 71    | 1.22 | 803 | 71    | 1.45 | -   | -     | -   |
| 3600 | 669 | 70    | 1.13 | 720 | 73    | 1.20 | 782 | 76    | 1.37 | 824 | 78    | 1.64 | -   | -     | -   |
| 3800 | 699 | 75    | 1.33 | 745 | 78    | 1.39 | 805 | 83    | 1.55 | 846 | 83    | 1.85 | -   | -     | -   |

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## 8.5 Ton Models: DHC1023L, DHC1024L &amp; DHC1027L with DDC CONTROL • Medium Static to 2.4 HP (0.2 ~ 1.4 Esp) • Down Flow

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1600 |     |       |      | 491 | 20    | 0.37 | 586 | 25    | 0.48 | 642 | 27    | 0.66 | 736 | 33    | 0.81 |
| 1800 | 423 | 20    | 0.30 | 515 | 25    | 0.41 | 608 | 30    | 0.54 | 663 | 32    | 0.73 | 754 | 38    | 0.87 |
| 2000 | 451 | 25    | 0.35 | 540 | 30    | 0.47 | 629 | 37    | 0.61 | 684 | 38    | 0.80 | 771 | 45    | 0.95 |
| 2200 | 479 | 30    | 0.41 | 564 | 37    | 0.53 | 650 | 42    | 0.69 | 706 | 43    | 0.89 | 789 | 50    | 1.03 |
| 2400 | 507 | 37    | 0.48 | 589 | 42    | 0.59 | 672 | 46    | 0.78 | 727 | 48    | 0.98 | 806 | 55    | 1.11 |
| 2600 | 535 | 42    | 0.56 | 613 | 46    | 0.67 | 693 | 51    | 0.88 | 749 | 55    | 1.09 | 823 | 61    | 1.20 |
| 2800 | 563 | 46    | 0.66 | 638 | 51    | 0.75 | 714 | 56    | 0.99 | 770 | 60    | 1.20 | 841 | 66    | 1.30 |
| 3000 | 591 | 53    | 0.77 | 662 | 56    | 0.85 | 736 | 63    | 1.11 | 791 | 66    | 1.33 | 858 | 71    | 1.41 |
| 3200 | 619 | 58    | 0.90 | 686 | 63    | 0.96 | 757 | 68    | 1.25 | 813 | 71    | 1.47 | 875 | 76    | 1.53 |
| 3400 | 647 | 63    | 1.06 | 711 | 68    | 1.08 | 778 | 73    | 1.41 | 834 | 76    | 1.62 | 893 | 83    | 1.66 |
| 3600 | 675 | 70    | 1.25 | 735 | 73    | 1.22 | 800 | 78    | 1.59 | 855 | 83    | 1.79 | 910 | 88    | 1.80 |
| 3800 | 703 | 75    | 1.46 | 760 | 78    | 1.37 | 821 | 83    | 1.80 | 877 | 88    | 1.98 | 928 | 90    | 1.95 |
| CFM  | 1.2 |       |      | 1.4 |       |      | 1.6 |       |      | 1.8 |       |      | 2.0 |       |      |
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1600 | 814 | 42    | 1.06 | 858 | 45    | 1.07 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 1800 | 828 | 46    | 1.15 | 873 | 50    | 1.15 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2000 | 842 | 51    | 1.24 | 888 | 55    | 1.25 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2200 | 856 | 56    | 1.35 | 903 | 60    | 1.35 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2400 | 871 | 61    | 1.46 | 917 | 65    | 1.47 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2600 | 885 | 66    | 1.58 | 932 | 71    | 1.59 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 2800 | 899 | 71    | 1.71 | 947 | 76    | 1.72 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3000 | 913 | 76    | 1.86 | 962 | 81    | 1.87 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3200 | 927 | 81    | 2.01 | 976 | 86    | 2.02 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3400 | 941 | 86    | 2.18 | 991 | 90    | 2.19 | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3600 | 955 | 90    | 2.36 |     |       |      | -   | -     | -    | -   | -     | -    | -   | -     | -    |
| 3800 |     |       |      |     |       |      | -   | -     | -    | -   | -     | -    | -   | -     | -    |

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1600 |     |       |      |     |       |      | 576 | 23    | 0.48 | 624 | 22    | 0.62 | 717 | 27    | 0.81 |
| 1800 | 406 | 18    | 0.26 | 497 | 22    | 0.36 | 596 | 28    | 0.54 | 643 | 27    | 0.68 | 732 | 32    | 0.87 |
| 2000 | 435 | 23    | 0.30 | 522 | 28    | 0.41 | 616 | 33    | 0.61 | 663 | 33    | 0.76 | 748 | 37    | 0.95 |
| 2200 | 464 | 28    | 0.35 | 547 | 33    | 0.46 | 636 | 38    | 0.69 | 683 | 38    | 0.84 | 763 | 42    | 1.03 |
| 2400 | 493 | 35    | 0.42 | 572 | 38    | 0.52 | 656 | 43    | 0.78 | 703 | 45    | 0.92 | 778 | 48    | 1.11 |
| 2600 | 521 | 40    | 0.49 | 596 | 45    | 0.59 | 676 | 50    | 0.88 | 723 | 50    | 1.02 | 794 | 54    | 1.20 |
| 2800 | 550 | 46    | 0.57 | 621 | 50    | 0.66 | 696 | 55    | 0.99 | 743 | 55    | 1.13 | 809 | 59    | 1.30 |
| 3000 | 579 | 51    | 0.67 | 646 | 56    | 0.75 | 716 | 60    | 1.11 | 762 | 61    | 1.25 | 824 | 65    | 1.41 |
| 3200 | 608 | 58    | 0.79 | 671 | 61    | 0.84 | 736 | 65    | 1.25 | 782 | 66    | 1.38 | 840 | 70    | 1.53 |
| 3400 | 637 | 63    | 0.92 | 696 | 66    | 0.95 | 756 | 70    | 1.41 | 802 | 73    | 1.52 | 855 | 75    | 1.66 |
| 3600 | 666 | 70    | 1.08 | 720 | 73    | 1.07 | 776 | 76    | 1.59 | 822 | 78    | 1.68 | 870 | 80    | 1.80 |
| 3800 | 695 | 75    | 1.27 | 745 | 78    | 1.21 | 796 | 81    | 1.80 | 842 | 83    | 1.86 | 885 | 85    | 1.95 |

| CFM  | 1.2 |       |      | 1.4 |       |      | 1.6 |       |     | 1.8 |       |     | 2.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP | RPM | DDC % | BHP | RPM | DDC % | BHP |
| 1600 | 777 | 32    | 0.86 | 827 | 35    | 0.96 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 1800 | 790 | 37    | 0.93 | 839 | 40    | 1.04 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2000 | 804 | 42    | 1.01 | 852 | 45    | 1.13 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2200 | 818 | 46    | 1.09 | 865 | 50    | 1.22 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2400 | 831 | 51    | 1.18 | 878 | 55    | 1.32 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2600 | 845 | 58    | 1.28 | 890 | 60    | 1.43 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2800 | 858 | 63    | 1.39 | 903 | 65    | 1.55 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3000 | 872 | 68    | 1.51 | 916 | 71    | 1.68 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3200 | 885 | 73    | 1.63 | 929 | 76    | 1.82 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3400 | 899 | 78    | 1.77 | 941 | 81    | 1.97 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3600 | 913 | 83    | 1.91 | 954 | 86    | 2.14 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3800 | 969 | 88    | 2.07 |     |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

#### 8.5 Ton Models: DHC1023W, DHC1024W & DHC1027W with DDC CONTROL • High Static to 3.5 HP (0.2 ~ 2.0 Esp) • Down Flow

| CFM  | 0.2  |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |
|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1600 |      |       |      |      |       |      | 586  | 24    | 0.43 | 633  | 23    | 0.61 | 713  | 21    | 0.80 |
| 1800 |      |       |      | 509  | 24    | 0.37 | 608  | 28    | 0.48 | 656  | 26    | 0.68 | 734  | 26    | 0.89 |
| 2000 | 450  | 24    | 0.31 | 535  | 28    | 0.43 | 630  | 33    | 0.54 | 679  | 32    | 0.77 | 755  | 33    | 0.98 |
| 2200 | 478  | 28    | 0.35 | 560  | 32    | 0.49 | 652  | 37    | 0.61 | 702  | 37    | 0.87 | 776  | 38    | 1.08 |
| 2400 | 506  | 33    | 0.41 | 586  | 37    | 0.56 | 674  | 41    | 0.69 | 726  | 42    | 0.98 | 796  | 43    | 1.20 |
| 2600 | 534  | 37    | 0.47 | 612  | 41    | 0.65 | 695  | 46    | 0.78 | 749  | 47    | 1.10 | 817  | 49    | 1.32 |
| 2800 | 562  | 42    | 0.54 | 637  | 46    | 0.75 | 717  | 50    | 0.88 | 772  | 51    | 1.24 | 838  | 54    | 1.46 |
| 3000 | 590  | 46    | 0.62 | 663  | 50    | 0.86 | 739  | 54    | 0.99 | 796  | 56    | 1.40 | 859  | 59    | 1.62 |
| 3200 | 617  | 50    | 0.71 | 689  | 54    | 0.99 | 761  | 59    | 1.11 | 819  | 61    | 1.58 | 880  | 65    | 1.79 |
| 3400 | 645  | 55    | 0.82 | 714  | 59    | 1.14 | 783  | 63    | 1.26 | 842  | 67    | 1.78 | 901  | 71    | 1.98 |
| 3600 | 673  | 59    | 0.94 | 740  | 63    | 1.31 | 805  | 68    | 1.42 | 866  | 71    | 2.01 | 921  | 76    | 2.18 |
| 3800 | 701  | 64    | 1.08 | 766  | 67    | 1.50 | 827  | 72    | 1.60 | 889  | 76    | 2.27 | 942  | 81    | 2.41 |
| 4000 | 729  | 68    | 1.24 | 791  | 72    | 1.73 | 849  | 76    | 1.80 | 912  | 81    | 2.55 | 963  | 86    | 2.67 |
| 4200 | 757  | 73    | 1.43 | 817  | 76    | 1.99 | 871  | 81    | 2.03 | 935  | 86    | 2.88 | 984  | 90    | 2.95 |
| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1600 | 784  | 28    | 0.93 | 851  | 33    | 1.13 | 906  | 37    | 1.32 | 966  | 43    | 1.31 | 999  | 47    | 1.43 |
| 1800 | 803  | 33    | 1.03 | 869  | 38    | 1.25 | 923  | 43    | 1.46 | 981  | 49    | 1.42 | 1015 | 52    | 1.55 |
| 2000 | 822  | 38    | 1.14 | 887  | 43    | 1.38 | 939  | 49    | 1.61 | 997  | 54    | 1.53 | 1031 | 58    | 1.67 |
| 2200 | 841  | 43    | 1.26 | 904  | 49    | 1.52 | 956  | 54    | 1.78 | 1012 | 59    | 1.66 | 1048 | 63    | 1.81 |
| 2400 | 860  | 49    | 1.39 | 922  | 54    | 1.68 | 973  | 59    | 1.97 | 1028 | 64    | 1.80 | 1064 | 69    | 1.97 |
| 2600 | 880  | 54    | 1.54 | 939  | 59    | 1.86 | 990  | 64    | 2.17 | 1043 | 69    | 1.95 | 1080 | 74    | 2.13 |
| 2800 | 899  | 59    | 1.70 | 957  | 64    | 2.06 | 1006 | 69    | 2.40 | 1058 | 74    | 2.11 | 1097 | 80    | 2.31 |
| 3000 | 918  | 64    | 1.88 | 974  | 69    | 2.27 | 1023 | 74    | 2.65 | 1074 | 80    | 2.29 | 1113 | 85    | 2.50 |
| 3200 | 937  | 71    | 2.07 | 992  | 74    | 2.51 | 1040 | 80    | 2.93 | 1089 | 85    | 2.48 | 1130 | 90    | 2.71 |
| 3400 | 956  | 76    | 2.29 | 1010 | 80    | 2.77 | 1056 | 85    | 3.24 | 1105 | 90    | 2.68 |      |       |      |
| 3600 | 975  | 81    | 2.53 | 1027 | 86    | 3.07 | 1073 | 90    | 3.58 |      |       |      |      |       |      |
| 3800 | 994  | 86    | 2.80 | 1045 | 90    | 3.39 |      |       |      |      |       |      |      |       |      |
| 4000 | 1013 | 90    | 3.09 |      |       |      |      |       |      |      |       |      |      |       |      |
| 4200 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |
|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
|      | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1600 |     |       |      |      |       |      |      |       |      |      |       |      | 645  | 20    | 0.55 |
| 1800 |     |       |      |      |       |      |      |       |      |      |       |      | 472  | 20    | 0.37 |
| 2000 | 414 | 21    | 0.30 | 502  | 25    | 0.44 | 604  | 29    | 0.53 | 602  | 25    | 0.61 | 695  | 30    | 0.71 |
| 2200 | 448 | 25    | 0.35 | 533  | 29    | 0.51 | 629  | 34    | 0.61 | 633  | 30    | 0.70 | 721  | 36    | 0.80 |
| 2400 | 481 | 30    | 0.41 | 563  | 34    | 0.60 | 654  | 39    | 0.70 | 663  | 36    | 0.81 | 746  | 41    | 0.90 |
| 2600 | 515 | 36    | 0.49 | 593  | 39    | 0.71 | 679  | 43    | 0.81 | 694  | 41    | 0.93 | 771  | 46    | 1.01 |
| 2800 | 549 | 41    | 0.57 | 624  | 45    | 0.83 | 705  | 49    | 0.93 | 725  | 46    | 1.07 | 797  | 51    | 1.14 |
| 3000 | 582 | 46    | 0.67 | 654  | 49    | 0.97 | 730  | 52    | 1.07 | 756  | 52    | 1.23 | 822  | 55    | 1.29 |
| 3200 | 616 | 51    | 0.79 | 684  | 54    | 1.14 | 755  | 58    | 1.23 | 786  | 58    | 1.42 | 848  | 60    | 1.45 |
| 3400 | 650 | 55    | 0.92 | 715  | 59    | 1.34 | 780  | 61    | 1.41 | 817  | 63    | 1.63 | 873  | 65    | 1.63 |
| 3600 | 683 | 60    | 1.08 | 745  | 64    | 1.57 | 805  | 67    | 1.63 | 848  | 68    | 1.88 | 898  | 71    | 1.84 |
| 3800 | 717 | 65    | 1.27 | 775  | 68    | 1.85 | 830  | 71    | 1.87 | 878  | 73    | 2.16 | 924  | 76    | 2.08 |
| 4000 | 751 | 71    | 1.49 | 806  | 73    | 2.17 | 856  | 76    | 2.15 | 909  | 80    | 2.48 | 949  | 81    | 2.34 |
| 4200 | 784 | 76    | 1.75 | 836  | 78    | 2.54 | 881  | 81    | 2.47 | 940  | 85    | 2.86 | 974  | 86    | 2.64 |
| CFM  | 1.2 |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |
|      | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1600 | 762 | 20    | 0.85 | 804  | 21    | 0.92 | 843  | 25    | 1.02 | 877  | 28    | 1.10 | 918  | 30    | 1.21 |
| 1800 | 779 | 25    | 0.94 | 821  | 28    | 1.02 | 861  | 30    | 1.13 | 895  | 33    | 1.22 | 935  | 36    | 1.34 |
| 2000 | 796 | 30    | 1.04 | 838  | 33    | 1.12 | 878  | 36    | 1.25 | 912  | 38    | 1.34 | 952  | 41    | 1.48 |
| 2200 | 814 | 36    | 1.15 | 856  | 38    | 1.24 | 895  | 41    | 1.38 | 930  | 43    | 1.48 | 970  | 46    | 1.64 |
| 2400 | 831 | 41    | 1.27 | 873  | 43    | 1.37 | 912  | 46    | 1.53 | 947  | 49    | 1.64 | 987  | 51    | 1.81 |
| 2600 | 849 | 46    | 1.41 | 890  | 49    | 1.52 | 929  | 51    | 1.69 | 964  | 54    | 1.81 | 1005 | 56    | 2.00 |
| 2800 | 866 | 51    | 1.56 | 908  | 54    | 1.68 | 946  | 56    | 1.87 | 982  | 59    | 2.00 | 1022 | 61    | 2.21 |
| 3000 | 883 | 56    | 1.72 | 925  | 59    | 1.85 | 964  | 61    | 2.06 | 999  | 64    | 2.21 | 1039 | 67    | 2.44 |
| 3200 | 901 | 63    | 1.90 | 942  | 65    | 2.05 | 981  | 67    | 2.28 | 1016 | 69    | 2.45 | 1057 | 72    | 2.70 |
| 3400 | 918 | 68    | 2.10 | 960  | 71    | 2.26 | 998  | 72    | 2.52 | 1034 | 74    | 2.70 | 1074 | 77    | 2.98 |
| 3600 | 936 | 73    | 2.32 | 977  | 76    | 2.50 | 1015 | 78    | 2.79 | 1051 | 81    | 2.99 | 1092 | 84    | 3.30 |
| 3800 | 953 | 78    | 2.57 | 995  | 81    | 2.76 | 1032 | 84    | 3.08 | 1069 | 86    | 3.30 | 1109 | 89    | 3.64 |
| 4000 | 970 | 84    | 2.84 | 1012 | 86    | 3.05 | 1049 | 89    | 3.40 |      |       |      |      |       |      |
| 4200 | 988 | 89    | 3.14 | 1029 | 90    | 3.37 |      |       |      |      |       |      |      |       |      |

Shaded area indicates air flow below 2550 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**10.0 TON MODELS: DHC1203D, DHC1204D & DHC1207D WITH DDC CONTROL • STANDARD STATIC TO 2.4 HP (0.2 ~ 0.8 Esp) • DOWN FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP |
| 2000 | 397 | 22    | 0.30 | 495 | 27    | 0.36 | 578 | 25    | 0.50 | 642 | 32    | 0.75 | -   | -     | -   |
| 2200 | 420 | 27    | 0.35 | 515 | 32    | 0.41 | 596 | 30    | 0.55 | 659 | 37    | 0.83 | -   | -     | -   |
| 2400 | 444 | 33    | 0.40 | 535 | 37    | 0.46 | 614 | 37    | 0.61 | 676 | 43    | 0.91 | -   | -     | -   |
| 2600 | 467 | 38    | 0.46 | 554 | 43    | 0.52 | 632 | 42    | 0.67 | 693 | 48    | 1.01 | -   | -     | -   |
| 2800 | 490 | 43    | 0.53 | 574 | 48    | 0.59 | 650 | 48    | 0.74 | 710 | 53    | 1.12 | -   | -     | -   |
| 3000 | 513 | 48    | 0.61 | 594 | 53    | 0.66 | 668 | 53    | 0.82 | 727 | 60    | 1.23 | -   | -     | -   |
| 3200 | 537 | 53    | 0.70 | 613 | 58    | 0.75 | 685 | 60    | 0.90 | 744 | 65    | 1.36 | -   | -     | -   |
| 3400 | 560 | 60    | 0.80 | 633 | 63    | 0.84 | 703 | 65    | 1.00 | 761 | 70    | 1.51 | -   | -     | -   |
| 3600 | 583 | 65    | 0.92 | 653 | 68    | 0.95 | 721 | 71    | 1.10 | 778 | 75    | 1.66 | -   | -     | -   |
| 3800 | 606 | 70    | 1.06 | 673 | 73    | 1.07 | 739 | 76    | 1.22 | 795 | 81    | 1.84 | -   | -     | -   |
| 4000 | 630 | 75    | 1.22 | 692 | 78    | 1.21 | 757 | 83    | 1.35 | 812 | 86    | 2.03 | -   | -     | -   |
| 4200 | 653 | 80    | 1.40 | 712 | 83    | 1.36 | 775 | 90    | 1.49 | 829 | 90    | 2.25 | -   | -     | -   |

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**HORIZONTAL FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |     |  |  |  |  |  |  |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|--|--|--|--|--|--|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP |  |  |  |  |  |  |
| 2000 | 435 | 25    | 0.32 | 521 | 32    | 0.39 | 603 | 38    | 0.53 | 654 | 42    | 0.63 | -   | -     | -   |  |  |  |  |  |  |
| 2200 | 464 | 32    | 0.37 | 546 | 38    | 0.45 | 626 | 45    | 0.59 | 675 | 48    | 0.71 | -   | -     | -   |  |  |  |  |  |  |
| 2400 | 494 | 40    | 0.43 | 571 | 45    | 0.52 | 648 | 51    | 0.67 | 696 | 55    | 0.80 | -   | -     | -   |  |  |  |  |  |  |
| 2600 | 523 | 46    | 0.51 | 596 | 51    | 0.60 | 671 | 58    | 0.75 | 718 | 61    | 0.90 | -   | -     | -   |  |  |  |  |  |  |
| 2800 | 552 | 55    | 0.60 | 621 | 60    | 0.69 | 693 | 65    | 0.85 | 739 | 68    | 1.01 | -   | -     | -   |  |  |  |  |  |  |
| 3000 | 581 | 61    | 0.70 | 646 | 66    | 0.79 | 715 | 71    | 0.96 | 760 | 73    | 1.14 | -   | -     | -   |  |  |  |  |  |  |
| 3200 | 611 | 70    | 0.82 | 671 | 73    | 0.91 | 738 | 78    | 1.08 | 782 | 80    | 1.29 | -   | -     | -   |  |  |  |  |  |  |
| 3400 | 640 | 76    | 0.97 | 695 | 81    | 1.05 | 760 | 85    | 1.22 | 803 | 86    | 1.45 | -   | -     | -   |  |  |  |  |  |  |
| 3600 | 669 | 85    | 1.13 | 720 | 88    | 1.21 | 782 | 90    | 1.37 | 824 | 90    | 1.64 | -   | -     | -   |  |  |  |  |  |  |
| 3800 | 699 | 90    | 1.33 | 745 | 90    | 1.39 |     |       |      |     |       |      | -   | -     | -   |  |  |  |  |  |  |
| 4000 |     |       |      |     |       |      |     |       |      |     |       |      | -   | -     | -   |  |  |  |  |  |  |
| 4200 |     |       |      |     |       |      |     |       |      |     |       |      |     |       |     |  |  |  |  |  |  |

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**10.0 TON MODELS: DHC1203L, DHC1204L & DHC1207L WITH DDC CONTROL • MEDIUM STATIC TO 3.5 HP (0.2 ~ 1.4 Esp) • DOWN FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1800 |     |       |      |     |       |      |     |       |      |     |       |      | 715 | 24    | 0.78 |
| 2000 | 395 | 21    | 0.31 | 497 | 26    | 0.37 | 527 | 20    | 0.57 | 638 | 24    | 0.66 | 729 | 29    | 0.86 |
| 2200 | 418 | 26    | 0.35 | 517 | 30    | 0.42 | 551 | 25    | 0.64 | 656 | 29    | 0.73 | 742 | 33    | 0.95 |
| 2400 | 442 | 30    | 0.40 | 537 | 34    | 0.47 | 575 | 30    | 0.72 | 673 | 33    | 0.80 | 756 | 38    | 1.05 |
| 2600 | 465 | 34    | 0.47 | 557 | 38    | 0.53 | 599 | 36    | 0.81 | 691 | 38    | 0.89 | 770 | 43    | 1.16 |
| 2800 | 489 | 39    | 0.54 | 577 | 42    | 0.60 | 623 | 41    | 0.92 | 708 | 43    | 0.98 | 784 | 47    | 1.28 |
| 3000 | 512 | 43    | 0.62 | 597 | 47    | 0.68 | 647 | 45    | 1.03 | 726 | 47    | 1.08 | 798 | 52    | 1.42 |
| 3200 | 536 | 47    | 0.71 | 617 | 51    | 0.77 | 671 | 50    | 1.16 | 743 | 52    | 1.20 | 812 | 56    | 1.56 |
| 3400 | 559 | 52    | 0.81 | 636 | 55    | 0.86 | 695 | 55    | 1.31 | 761 | 58    | 1.32 | 825 | 61    | 1.73 |
| 3600 | 583 | 56    | 0.94 | 656 | 59    | 0.97 | 719 | 60    | 1.48 | 778 | 63    | 1.46 | 839 | 65    | 1.91 |
| 3800 | 606 | 60    | 1.08 | 676 | 63    | 1.10 | 743 | 65    | 1.67 | 795 | 67    | 1.62 | 853 | 71    | 2.11 |
| 4000 | 630 | 65    | 1.24 | 696 | 68    | 1.24 | 767 | 69    | 1.88 | 813 | 72    | 1.79 | 867 | 76    | 2.33 |
| 4200 | 653 | 69    | 1.43 | 716 | 72    | 1.39 | 791 | 74    | 2.12 | 830 | 77    | 1.97 | 881 | 80    | 2.58 |
| 4400 | 676 | 73    | 1.64 | 736 | 76    | 1.57 | 815 | 80    | 2.39 | 848 | 82    | 2.18 | 895 | 85    | 2.85 |
| 4600 | 700 | 78    | 1.89 | 756 | 80    | 1.77 | 839 | 85    | 2.70 | 865 | 86    | 2.41 | 908 | 89    | 3.15 |
| 4800 | 723 | 82    | 2.17 | 776 | 85    | 2.00 | 863 | 90    | 3.04 | 883 | 90    | 2.66 |     |       |      |
| 5000 | 747 | 86    | 2.50 | 796 | 89    | 2.25 |     |       |      |     |       |      |     |       |      |

| CFM  | 1.2 |       |      | 1.4 |       |      | 1.6 |       |     | 1.8 |       |     | 2.0 |       |     |  |  |
|------|-----|-------|------|-----|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-----|--|--|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP | RPM | DDC % | BHP | RPM | DDC % | BHP |  |  |
| 1800 | 767 | 34    | 1.10 | 821 | 28    | 0.90 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 2000 | 781 | 38    | 1.19 | 834 | 32    | 0.97 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 2200 | 795 | 42    | 1.29 | 848 | 37    | 1.06 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 2400 | 808 | 46    | 1.40 | 861 | 42    | 1.14 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 2600 | 822 | 50    | 1.52 | 875 | 47    | 1.24 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 2800 | 836 | 54    | 1.64 | 888 | 51    | 1.34 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 3000 | 850 | 58    | 1.78 | 901 | 56    | 1.45 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 3200 | 863 | 63    | 1.93 | 915 | 61    | 1.57 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 3400 | 877 | 67    | 2.09 | 928 | 65    | 1.71 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 3600 | 891 | 71    | 2.26 | 942 | 71    | 1.85 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 3800 | 904 | 74    | 2.45 | 955 | 76    | 2.00 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 4000 | 918 | 78    | 2.66 | 969 | 81    | 2.17 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 4200 | 932 | 82    | 2.88 | 982 | 85    | 2.35 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 4400 | 946 | 86    | 3.12 | 995 | 90    | 2.54 | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 4600 | 959 | 90    | 3.38 |     |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |  |  |
| 4800 |     |       |      |     |       |      | -   | -     | -   | -   | -     | -   | -   | -     |     |  |  |
| 5000 |     |       |      |     |       |      | -   | -     | -   | -   | -     | -   | -   | -     |     |  |  |

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

#### HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1800 |     |       |      |     |       |      |     |       |      |     |       |      | 736 | 25    | 0.80 |
| 2000 | 393 | 21    | 0.28 | 509 | 26    | 0.38 | 582 | 21    | 0.66 | 653 | 24    | 0.65 | 751 | 29    | 0.88 |
| 2200 | 419 | 25    | 0.32 | 530 | 30    | 0.43 | 601 | 25    | 0.74 | 672 | 29    | 0.72 | 766 | 34    | 0.97 |
| 2400 | 444 | 29    | 0.37 | 550 | 34    | 0.48 | 620 | 30    | 0.84 | 690 | 34    | 0.80 | 780 | 39    | 1.08 |
| 2600 | 470 | 34    | 0.42 | 571 | 38    | 0.55 | 639 | 36    | 0.94 | 708 | 39    | 0.88 | 795 | 43    | 1.19 |
| 2800 | 495 | 38    | 0.48 | 591 | 43    | 0.62 | 658 | 41    | 1.06 | 727 | 43    | 0.97 | 809 | 49    | 1.31 |
| 3000 | 520 | 43    | 0.56 | 612 | 47    | 0.69 | 677 | 46    | 1.20 | 745 | 49    | 1.08 | 824 | 54    | 1.45 |
| 3200 | 546 | 47    | 0.64 | 632 | 51    | 0.78 | 697 | 50    | 1.35 | 764 | 54    | 1.19 | 839 | 58    | 1.60 |
| 3400 | 571 | 52    | 0.74 | 653 | 55    | 0.88 | 716 | 55    | 1.52 | 782 | 59    | 1.31 | 853 | 63    | 1.77 |
| 3600 | 596 | 56    | 0.85 | 674 | 60    | 0.99 | 735 | 60    | 1.72 | 800 | 64    | 1.45 | 868 | 68    | 1.96 |
| 3800 | 622 | 60    | 0.98 | 694 | 64    | 1.12 | 754 | 65    | 1.75 | 819 | 69    | 1.61 | 883 | 72    | 2.16 |
| 4000 | 647 | 65    | 1.12 | 715 | 68    | 1.26 | 773 | 71    | 1.78 | 837 | 73    | 1.77 | 897 | 77    | 2.39 |
| 4200 | 672 | 69    | 1.29 | 735 | 72    | 1.43 | 792 | 74    | 1.87 | 855 | 78    | 1.96 | 912 | 82    | 2.64 |
| 4400 | 698 | 74    | 1.48 | 756 | 77    | 1.61 | 811 | 80    | 2.11 | 874 | 84    | 2.17 | 927 | 86    | 2.92 |
| 4600 | 723 | 78    | 1.71 | 777 | 81    | 1.81 | 830 | 85    | 2.35 | 892 | 89    | 2.40 | 941 | 90    | 3.23 |
| 4800 | 749 | 82    | 1.96 | 797 | 85    | 2.04 | 849 | 90    | 2.63 |     |       |      |     |       |      |
| 5000 | 774 | 87    | 2.26 | 818 | 89    | 2.30 |     |       |      |     |       |      |     |       |      |

| CFM  | 1.2 |       |      | 1.4  |       |      | 1.6 |       |     | 1.8 |       |     | 2.0 |       |     |
|------|-----|-------|------|------|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM | DDC % | BHP | RPM | DDC % | BHP | RPM | DDC % | BHP |
| 1800 | 865 | 34    | 1.10 | 832  | 29    | 0.93 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2000 | 873 | 39    | 1.19 | 849  | 33    | 1.03 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2200 | 880 | 43    | 1.29 | 867  | 38    | 1.13 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2400 | 888 | 47    | 1.40 | 885  | 43    | 1.25 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2600 | 896 | 51    | 1.52 | 902  | 49    | 1.38 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2800 | 903 | 55    | 1.64 | 920  | 54    | 1.53 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3000 | 911 | 59    | 1.78 | 938  | 59    | 1.69 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3200 | 918 | 63    | 1.93 | 955  | 63    | 1.87 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3400 | 926 | 68    | 2.09 | 973  | 68    | 2.06 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3600 | 934 | 72    | 2.26 | 991  | 73    | 2.28 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3800 | 941 | 76    | 2.45 | 1009 | 78    | 2.52 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4000 | 949 | 80    | 2.65 | 1026 | 84    | 2.79 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4200 | 957 | 84    | 2.87 | 1044 | 87    | 3.08 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4400 | 964 | 87    | 3.11 | 1062 | 90    | 3.40 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4600 | 972 | 90    | 3.37 |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4800 |     |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 5000 |     |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

#### 10.0 TON MODELS: DHC1203W, DHC1204W & DHC1207W WITH DDC CONTROL CONTROLS • HIGH STATIC TO 3.5 HP (0.2 ~ 2.0 Esp) • DOWN FLOW

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 1800 |     |       |      |     |       |      |     |       |      |     |       |      | 704 | 23    | 0.77 |
| 2000 | 395 | 23    | 0.31 | 499 | 25    | 0.39 | 559 | 19    | 0.53 | 636 | 23    | 0.67 | 719 | 28    | 0.85 |
| 2200 | 418 | 26    | 0.35 | 519 | 30    | 0.43 | 579 | 24    | 0.58 | 654 | 28    | 0.74 | 734 | 32    | 0.94 |
| 2400 | 442 | 30    | 0.40 | 539 | 34    | 0.49 | 599 | 29    | 0.65 | 672 | 33    | 0.82 | 749 | 37    | 1.03 |
| 2600 | 465 | 34    | 0.47 | 559 | 38    | 0.55 | 619 | 34    | 0.71 | 689 | 38    | 0.91 | 764 | 42    | 1.14 |
| 2800 | 489 | 39    | 0.54 | 579 | 43    | 0.62 | 639 | 39    | 0.79 | 707 | 43    | 1.00 | 779 | 47    | 1.26 |
| 3000 | 512 | 43    | 0.62 | 599 | 47    | 0.70 | 659 | 45    | 0.87 | 725 | 47    | 1.11 | 794 | 51    | 1.40 |
| 3200 | 536 | 47    | 0.71 | 619 | 51    | 0.79 | 679 | 50    | 0.96 | 743 | 52    | 1.23 | 809 | 56    | 1.54 |
| 3400 | 559 | 52    | 0.81 | 639 | 56    | 0.89 | 699 | 55    | 1.07 | 761 | 58    | 1.35 | 824 | 61    | 1.70 |
| 3600 | 583 | 56    | 0.94 | 659 | 60    | 1.01 | 719 | 60    | 1.18 | 779 | 63    | 1.50 | 839 | 67    | 1.88 |
| 3800 | 606 | 60    | 1.08 | 680 | 64    | 1.14 | 738 | 64    | 1.30 | 796 | 68    | 1.65 | 853 | 71    | 2.08 |
| 4000 | 630 | 65    | 1.24 | 700 | 68    | 1.28 | 758 | 69    | 1.44 | 814 | 73    | 1.83 | 868 | 76    | 2.30 |
| 4200 | 653 | 69    | 1.43 | 720 | 73    | 1.44 | 778 | 74    | 1.59 | 832 | 78    | 2.02 | 883 | 81    | 2.54 |
| 4400 | 677 | 73    | 1.64 | 740 | 77    | 1.63 | 798 | 80    | 1.76 | 850 | 82    | 2.23 | 898 | 85    | 2.81 |
| 4600 | 701 | 78    | 1.89 | 760 | 81    | 1.83 | 818 | 85    | 1.94 | 868 | 87    | 2.47 |     |       |      |
| 4800 | 724 | 82    | 2.17 | 780 | 86    | 2.07 | 838 | 90    | 2.15 | 885 | 90    | 2.73 |     |       |      |
| 5000 | 748 | 86    | 2.50 | 800 | 90    | 2.33 |     |       |      |     |       |      |     |       |      |

| CFM  | 1.2 |       |      | 1.4 |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |
|------|-----|-------|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 1800 | 759 | 20    | 0.74 | 837 | 23    | 0.87 | 834  | 41    | 1.49 | 826  | 49    | 1.63 | 857  | 52    | 1.80 |
| 2000 | 774 | 25    | 0.80 | 849 | 28    | 0.94 | 850  | 45    | 1.58 | 847  | 52    | 1.70 | 879  | 56    | 1.87 |
| 2200 | 788 | 30    | 0.87 | 861 | 33    | 1.02 | 866  | 49    | 1.68 | 868  | 56    | 1.77 | 900  | 59    | 1.95 |
| 2400 | 803 | 36    | 0.94 | 873 | 38    | 1.11 | 882  | 52    | 1.78 | 889  | 59    | 1.84 | 922  | 63    | 2.03 |
| 2600 | 818 | 41    | 1.02 | 885 | 43    | 1.20 | 898  | 56    | 1.89 | 910  | 63    | 1.92 | 943  | 65    | 2.11 |
| 2800 | 832 | 46    | 1.11 | 897 | 49    | 1.30 | 914  | 60    | 2.01 | 931  | 65    | 1.99 | 965  | 69    | 2.19 |
| 3000 | 847 | 51    | 1.20 | 909 | 54    | 1.41 | 931  | 64    | 2.13 | 952  | 69    | 2.08 | 987  | 72    | 2.28 |
| 3200 | 862 | 56    | 1.30 | 921 | 60    | 1.52 | 947  | 68    | 2.26 | 972  | 73    | 2.16 | 1008 | 76    | 2.38 |
| 3400 | 876 | 61    | 1.41 | 933 | 65    | 1.65 | 963  | 72    | 2.40 | 993  | 76    | 2.25 | 1030 | 78    | 2.47 |
| 3600 | 891 | 68    | 1.52 | 945 | 71    | 1.79 | 979  | 76    | 2.55 | 1014 | 80    | 2.34 | 1052 | 82    | 2.57 |
| 3800 | 905 | 73    | 1.65 | 957 | 76    | 1.94 | 995  | 80    | 2.71 | 1035 | 82    | 2.44 | 1073 | 85    | 2.68 |
| 4000 | 920 | 78    | 1.79 | 969 | 81    | 2.10 | 1011 | 84    | 2.88 | 1056 | 86    | 2.54 | 1095 | 89    | 2.79 |
| 4200 | 935 | 84    | 1.94 | 981 | 86    | 2.27 | 1027 | 87    | 3.06 | 1077 | 90    | 2.64 | 1116 | 90    | 2.90 |
| 4400 | 949 | 89    | 2.10 | 993 | 90    | 2.46 | 1043 | 90    | 3.08 |      |       |      |      |       |      |
| 4600 |     |       |      |     |       |      |      |       |      |      |       |      |      |       |      |
| 4800 |     |       |      |     |       |      |      |       |      |      |       |      |      |       |      |
| 5000 |     |       |      |     |       |      |      |       |      |      |       |      |      |       |      |

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |  |  |  |  |  |  |
|------|-----|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|--|--|--|--|--|--|
|      | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |  |  |  |  |  |  |
| 1800 | 370 | 16    | 0.27 | 490  | 21    | 0.35 | 574  | 15    | 0.53 | 629  | 17    | 0.61 | 707  | 23    | 0.75 |  |  |  |  |  |  |
| 2000 | 395 | 21    | 0.31 | 510  | 26    | 0.39 | 592  | 20    | 0.59 | 648  | 23    | 0.67 | 725  | 28    | 0.83 |  |  |  |  |  |  |
| 2200 | 420 | 25    | 0.35 | 531  | 30    | 0.45 | 610  | 25    | 0.65 | 667  | 28    | 0.75 | 744  | 33    | 0.92 |  |  |  |  |  |  |
| 2400 | 446 | 30    | 0.40 | 552  | 34    | 0.50 | 629  | 30    | 0.72 | 687  | 33    | 0.82 | 762  | 38    | 1.01 |  |  |  |  |  |  |
| 2600 | 471 | 34    | 0.47 | 573  | 39    | 0.57 | 647  | 36    | 0.79 | 706  | 38    | 0.91 | 781  | 43    | 1.12 |  |  |  |  |  |  |
| 2800 | 496 | 39    | 0.54 | 594  | 43    | 0.64 | 665  | 39    | 0.88 | 725  | 43    | 1.01 | 799  | 47    | 1.24 |  |  |  |  |  |  |
| 3000 | 521 | 43    | 0.62 | 615  | 47    | 0.72 | 684  | 45    | 0.97 | 745  | 49    | 1.11 | 818  | 52    | 1.37 |  |  |  |  |  |  |
| 3200 | 546 | 49    | 0.71 | 635  | 52    | 0.81 | 702  | 50    | 1.07 | 764  | 54    | 1.23 | 836  | 58    | 1.51 |  |  |  |  |  |  |
| 3400 | 571 | 52    | 0.81 | 656  | 56    | 0.91 | 720  | 55    | 1.18 | 783  | 59    | 1.36 | 855  | 63    | 1.67 |  |  |  |  |  |  |
| 3600 | 596 | 58    | 0.94 | 677  | 60    | 1.03 | 739  | 60    | 1.31 | 802  | 64    | 1.50 | 873  | 68    | 1.85 |  |  |  |  |  |  |
| 3800 | 622 | 61    | 1.08 | 698  | 65    | 1.16 | 757  | 65    | 1.44 | 822  | 69    | 1.66 | 892  | 73    | 2.04 |  |  |  |  |  |  |
| 4000 | 647 | 67    | 1.24 | 719  | 69    | 1.31 | 775  | 71    | 1.59 | 841  | 74    | 1.83 | 910  | 77    | 2.26 |  |  |  |  |  |  |
| 4200 | 672 | 71    | 1.43 | 740  | 73    | 1.48 | 794  | 74    | 1.76 | 860  | 80    | 2.03 | 929  | 82    | 2.49 |  |  |  |  |  |  |
| 4400 | 697 | 76    | 1.64 | 760  | 78    | 1.67 | 812  | 80    | 1.95 | 880  | 85    | 2.24 | 947  | 87    | 2.75 |  |  |  |  |  |  |
| 4600 | 722 | 80    | 1.89 | 781  | 82    | 1.88 | 830  | 85    | 2.15 | 899  | 90    | 2.47 | 966  | 90    | 3.04 |  |  |  |  |  |  |
| 4800 | 747 | 85    | 2.17 | 802  | 86    | 2.12 | 849  | 90    | 2.38 |      |       |      |      |       |      |  |  |  |  |  |  |
| 5000 | 773 | 89    | 2.50 | 823  | 90    | 2.39 |      |       |      |      |       |      |      |       |      |  |  |  |  |  |  |
| CFM  | 1.2 |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |  |  |  |  |  |  |
|      | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |  |  |  |  |  |  |
| 1800 | 581 | 26    | 0.95 | 827  | 32    | 1.15 | 806  | 43    | 1.57 | 924  | 50    | 1.92 | 905  | 51    | 1.96 |  |  |  |  |  |  |
| 2000 | 613 | 30    | 1.03 | 844  | 37    | 1.25 | 828  | 47    | 1.67 | 940  | 54    | 2.03 | 926  | 55    | 2.08 |  |  |  |  |  |  |
| 2200 | 645 | 36    | 1.12 | 860  | 41    | 1.35 | 851  | 51    | 1.77 | 955  | 56    | 2.16 | 948  | 59    | 2.21 |  |  |  |  |  |  |
| 2400 | 677 | 41    | 1.21 | 877  | 46    | 1.47 | 873  | 55    | 1.88 | 971  | 60    | 2.29 | 970  | 61    | 2.35 |  |  |  |  |  |  |
| 2600 | 709 | 46    | 1.31 | 894  | 51    | 1.59 | 895  | 59    | 2.00 | 987  | 64    | 2.44 | 991  | 65    | 2.49 |  |  |  |  |  |  |
| 2800 | 741 | 51    | 1.42 | 910  | 55    | 1.72 | 917  | 63    | 2.12 | 1002 | 67    | 2.59 | 1013 | 69    | 2.65 |  |  |  |  |  |  |
| 3000 | 773 | 55    | 1.54 | 927  | 60    | 1.86 | 940  | 67    | 2.26 | 1018 | 71    | 2.75 | 1034 | 73    | 2.81 |  |  |  |  |  |  |
| 3200 | 805 | 60    | 1.67 | 944  | 65    | 2.02 | 962  | 71    | 2.39 | 1033 | 74    | 2.92 | 1056 | 76    | 2.99 |  |  |  |  |  |  |
| 3400 | 837 | 65    | 1.81 | 960  | 69    | 2.19 | 984  | 74    | 2.54 | 1049 | 78    | 3.10 | 1077 | 80    | 3.17 |  |  |  |  |  |  |
| 3600 | 869 | 71    | 1.96 | 977  | 74    | 2.37 | 1006 | 78    | 2.70 | 1065 | 81    | 3.29 | 1099 | 84    | 3.37 |  |  |  |  |  |  |
| 3800 | 901 | 76    | 2.12 | 994  | 80    | 2.57 | 1029 | 82    | 2.87 | 1080 | 85    | 3.49 | 1121 | 87    | 3.57 |  |  |  |  |  |  |
| 4000 | 933 | 80    | 2.30 | 1011 | 84    | 2.78 | 1051 | 86    | 3.04 |      |       |      |      |       |      |  |  |  |  |  |  |
| 4200 | 965 | 85    | 2.49 | 1027 | 89    | 3.01 | 1073 | 90    | 3.23 |      |       |      |      |       |      |  |  |  |  |  |  |
| 4400 | 997 | 90    | 2.70 |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |  |  |  |
| 4600 |     |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |  |  |  |
| 4800 |     |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |  |  |  |
| 5000 |     |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |  |  |  |

Shaded area indicates air flow below 3000 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**12.5 TON MODELS: DHC1503D, DHC1504D & DHC1507D WITH DDC CONTROL • STANDARD STATIC TO 3.5 HP (0.2 ~ 0.8 Esp) • DOWN FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |     |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP |
| 2000 |     |       |      |     |       |      | 674 | 20    | 0.61 | 785 | 29    | 0.85 | -   | -     | -   |
| 2200 |     |       |      |     |       |      | 682 | 24    | 0.66 | 790 | 33    | 0.92 | -   | -     | -   |
| 2400 | 448 | 17    | 0.34 | 569 | 20    | 0.54 | 690 | 28    | 0.72 | 795 | 37    | 1.00 | -   | -     | -   |
| 2600 | 463 | 23    | 0.39 | 580 | 25    | 0.60 | 698 | 33    | 0.78 | 800 | 41    | 1.08 | -   | -     | -   |
| 2800 | 478 | 26    | 0.44 | 592 | 30    | 0.66 | 706 | 37    | 0.84 | 806 | 45    | 1.17 | -   | -     | -   |
| 3000 | 493 | 32    | 0.49 | 603 | 34    | 0.73 | 714 | 42    | 0.91 | 811 | 49    | 1.27 | -   | -     | -   |
| 3200 | 508 | 36    | 0.56 | 615 | 39    | 0.80 | 722 | 46    | 0.99 | 816 | 52    | 1.38 | -   | -     | -   |
| 3400 | 523 | 41    | 0.63 | 626 | 43    | 0.89 | 730 | 50    | 1.07 | 821 | 56    | 1.49 | -   | -     | -   |
| 3600 | 539 | 45    | 0.71 | 638 | 49    | 0.98 | 738 | 55    | 1.16 | 826 | 60    | 1.62 | -   | -     | -   |
| 3800 | 554 | 50    | 0.80 | 649 | 54    | 1.09 | 746 | 59    | 1.25 | 832 | 64    | 1.75 | -   | -     | -   |
| 4000 | 569 | 54    | 0.90 | 661 | 58    | 1.20 | 754 | 64    | 1.36 | 837 | 69    | 1.90 | -   | -     | -   |
| 4200 | 584 | 59    | 1.01 | 672 | 63    | 1.33 | 762 | 68    | 1.47 | 842 | 73    | 2.06 | -   | -     | -   |
| 4400 | 599 | 63    | 1.14 | 684 | 67    | 1.47 | 770 | 72    | 1.59 | 847 | 77    | 2.23 | -   | -     | -   |
| 4600 | 614 | 68    | 1.29 | 695 | 72    | 1.62 | 778 | 77    | 1.73 | 852 | 81    | 2.41 | -   | -     | -   |
| 4800 | 629 | 72    | 1.45 | 706 | 77    | 1.79 | 786 | 81    | 1.87 | 857 | 85    | 2.61 | -   | -     | -   |

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**HORIZONTAL FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 2000 |     |       |      |     |       |      |     |       |      | 711 | 26    | 0.79 | -   | -     | -    |
| 2200 |     |       |      |     |       |      | 615 | 23    | 0.71 | 615 | 23    | 0.54 | 725 | 32    | 0.88 |
| 2400 | 484 | 23    | 0.37 | 634 | 28    | 0.78 | 634 | 28    | 0.60 | 738 | 36    | 0.97 | -   | -     | -    |
| 2600 | 507 | 28    | 0.41 | 653 | 32    | 0.87 | 653 | 32    | 0.66 | 752 | 39    | 1.07 | -   | -     | -    |
| 2800 | 529 | 32    | 0.47 | 672 | 37    | 0.96 | 672 | 37    | 0.73 | 766 | 45    | 1.18 | -   | -     | -    |
| 3000 | 551 | 37    | 0.53 | 691 | 42    | 1.06 | 691 | 42    | 0.80 | 779 | 49    | 1.31 | -   | -     | -    |
| 3200 | 573 | 41    | 0.59 | 710 | 47    | 1.17 | 710 | 47    | 0.89 | 793 | 52    | 1.45 | -   | -     | -    |
| 3400 | 596 | 46    | 0.67 | 729 | 51    | 1.29 | 729 | 51    | 0.98 | 806 | 58    | 1.60 | -   | -     | -    |
| 3600 | 618 | 51    | 0.76 | 748 | 56    | 1.43 | 748 | 56    | 1.09 | 820 | 61    | 1.77 | -   | -     | -    |
| 3800 | 640 | 55    | 0.85 | 767 | 61    | 1.58 | 767 | 61    | 1.20 | 833 | 65    | 1.95 | -   | -     | -    |
| 4000 | 663 | 60    | 0.96 | 786 | 67    | 1.74 | 786 | 67    | 1.33 | 847 | 71    | 2.16 | -   | -     | -    |
| 4200 | 685 | 64    | 1.08 | 806 | 71    | 1.93 | 806 | 71    | 1.47 | 861 | 74    | 2.38 | -   | -     | -    |
| 4400 | 707 | 69    | 1.22 | 825 | 76    | 2.13 | 825 | 76    | 1.62 | 874 | 78    | 2.63 | -   | -     | -    |
| 4600 | 729 | 74    | 1.38 | 844 | 81    | 2.35 | 844 | 81    | 1.79 | 888 | 84    | 2.91 | -   | -     | -    |
| 4800 | 752 | 78    | 1.55 | 863 | 86    | 2.60 | 863 | 86    | 1.98 | 901 | 87    | 3.22 | -   | -     | -    |

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

**12.5 TON MODELS: DHC1503L, DHC1504L & DHC1507L WITH DDC CONTROL • MEDIUM STATIC TO 3.5 HP (0.2 ~ 1.4 Esp) • DOWN FLOW**

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 2200 |     |       |      |     |       |      |     |       |      |     |       |      | 834 | 29    | 1.01 |
| 2400 |     |       |      |     |       |      |     |       |      | 772 | 23    | 0.93 | 843 | 33    | 1.09 |
| 2600 |     |       |      |     |       |      | 694 | 24    | 0.85 | 779 | 28    | 1.00 | 851 | 38    | 1.19 |
| 2800 | 484 | 26    | 0.48 | 591 | 21    | 0.62 | 702 | 29    | 0.92 | 787 | 33    | 1.09 | 859 | 43    | 1.28 |
| 3000 | 499 | 30    | 0.54 | 603 | 26    | 0.67 | 711 | 34    | 0.99 | 795 | 39    | 1.18 | 867 | 49    | 1.39 |
| 3200 | 513 | 36    | 0.61 | 614 | 32    | 0.73 | 719 | 39    | 1.08 | 802 | 45    | 1.28 | 876 | 54    | 1.51 |
| 3400 | 527 | 39    | 0.69 | 625 | 38    | 0.79 | 727 | 45    | 1.17 | 810 | 50    | 1.38 | 884 | 58    | 1.63 |
| 3600 | 541 | 45    | 0.78 | 636 | 43    | 0.86 | 736 | 50    | 1.26 | 818 | 55    | 1.50 | 892 | 63    | 1.77 |
| 3800 | 556 | 50    | 0.88 | 648 | 49    | 0.93 | 744 | 55    | 1.37 | 825 | 60    | 1.62 | 900 | 68    | 1.92 |
| 4000 | 570 | 54    | 0.99 | 659 | 55    | 1.00 | 753 | 60    | 1.48 | 833 | 67    | 1.76 | 909 | 73    | 2.08 |
| 4200 | 584 | 59    | 1.11 | 670 | 60    | 1.09 | 761 | 67    | 1.61 | 841 | 72    | 1.90 | 917 | 78    | 2.25 |
| 4400 | 599 | 63    | 1.26 | 682 | 65    | 1.18 | 769 | 72    | 1.74 | 849 | 77    | 2.06 | 925 | 84    | 2.44 |
| 4600 | 613 | 68    | 1.42 | 693 | 71    | 1.28 | 778 | 77    | 1.88 | 856 | 82    | 2.23 | 934 | 87    | 2.64 |
| 4800 | 627 | 73    | 1.60 | 704 | 77    | 1.38 | 786 | 82    | 2.04 | 864 | 87    | 2.42 | 942 | 90    | 2.86 |
| 5000 | 641 | 77    | 1.80 | 716 | 82    | 1.50 | 795 | 87    | 2.21 | 872 | 90    | 2.62 |     |       |      |

| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6 |       |     | 1.8 |       |     | 2.0 |       |     |
|------|------|-------|------|------|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-----|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM | DDC % | BHP | RPM | DDC % | BHP | RPM | DDC % | BHP |
| 2200 | 880  | 43    | 1.50 | 1173 | 30    | 1.77 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2400 | 891  | 47    | 1.59 | 1179 | 36    | 1.88 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2600 | 902  | 51    | 1.69 | 1184 | 39    | 2.00 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2800 | 913  | 56    | 1.79 | 1189 | 43    | 2.12 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3000 | 923  | 60    | 1.91 | 1195 | 47    | 2.26 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3200 | 934  | 64    | 2.02 | 1200 | 51    | 2.39 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3400 | 945  | 68    | 2.15 | 1206 | 56    | 2.54 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3600 | 956  | 72    | 2.28 | 1211 | 60    | 2.70 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3800 | 966  | 76    | 2.42 | 1217 | 64    | 2.87 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4000 | 977  | 80    | 2.57 | 1222 | 68    | 3.04 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4200 | 988  | 84    | 2.73 | 1227 | 72    | 3.23 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4400 | 999  | 87    | 2.90 | 1233 | 76    | 3.43 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4600 | 1009 | 90    | 3.08 | 1238 | 81    | 3.64 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4800 |      |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 5000 |      |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

#### HORIZONTAL FLOW

| CFM  | 0.2 |       |      | 0.4 |       |      | 0.6 |       |      | 0.8 |       |      | 1.0 |       |      |
|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|-----|-------|------|
|      | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  | RPM | DDC % | BHP  |
| 2200 |     |       |      |     |       |      |     |       |      |     |       |      | 731 | 28    | 0.95 |
| 2400 |     |       |      |     |       |      |     |       |      | 707 | 23    | 0.93 | 749 | 33    | 1.05 |
| 2600 |     |       |      |     |       |      | 669 | 23    | 0.83 | 725 | 28    | 1.02 | 767 | 38    | 1.16 |
| 2800 | 536 | 30    | 0.58 | 597 | 23    | 0.65 | 686 | 29    | 0.92 | 742 | 34    | 1.13 | 786 | 43    | 1.28 |
| 3000 | 557 | 36    | 0.65 | 619 | 29    | 0.72 | 704 | 34    | 1.01 | 759 | 39    | 1.25 | 804 | 49    | 1.42 |
| 3200 | 578 | 41    | 0.74 | 641 | 36    | 0.80 | 721 | 41    | 1.12 | 776 | 46    | 1.38 | 822 | 52    | 1.57 |
| 3400 | 599 | 46    | 0.83 | 663 | 41    | 0.88 | 739 | 47    | 1.24 | 793 | 51    | 1.53 | 841 | 58    | 1.73 |
| 3600 | 620 | 51    | 0.93 | 685 | 47    | 0.97 | 756 | 52    | 1.37 | 810 | 56    | 1.69 | 859 | 63    | 1.91 |
| 3800 | 641 | 55    | 1.05 | 707 | 54    | 1.08 | 774 | 59    | 1.51 | 828 | 63    | 1.86 | 877 | 68    | 2.11 |
| 4000 | 662 | 60    | 1.19 | 728 | 60    | 1.19 | 791 | 64    | 1.67 | 845 | 68    | 2.06 | 896 | 73    | 2.34 |
| 4200 | 683 | 65    | 1.34 | 750 | 65    | 1.31 | 808 | 71    | 1.84 | 862 | 74    | 2.28 | 914 | 78    | 2.58 |
| 4400 | 704 | 71    | 1.51 | 772 | 72    | 1.45 | 826 | 76    | 2.04 | 879 | 80    | 2.52 | 932 | 84    | 2.85 |
| 4600 | 725 | 76    | 1.70 | 794 | 78    | 1.60 | 843 | 82    | 2.25 | 896 | 85    | 2.78 | 950 | 89    | 3.01 |
| 4800 | 747 | 80    | 1.92 | 816 | 85    | 1.77 | 861 | 87    | 2.49 | 913 | 90    | 3.07 |     |       |      |
| 5000 | 768 | 85    | 2.17 | 838 | 90    | 1.96 | 878 | 90    | 2.75 |     |       |      |     |       |      |

| CFM  | 1.2 |       |      | 1.4  |       |      | 1.6 |       |     | 1.8 |       |     | 2.0 |       |     |
|------|-----|-------|------|------|-------|------|-----|-------|-----|-----|-------|-----|-----|-------|-----|
|      | RPM | DDC % | BHP  | RPM  | DDC % | BHP  | RPM | DDC % | BHP | RPM | DDC % | BHP | RPM | DDC % | BHP |
| 2200 | 799 | 32    | 0.90 | 867  | 36    | 1.10 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2400 | 814 | 37    | 0.97 | 880  | 41    | 1.19 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2600 | 829 | 42    | 1.05 | 894  | 46    | 1.29 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 2800 | 844 | 46    | 1.14 | 907  | 51    | 1.40 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3000 | 859 | 51    | 1.23 | 920  | 55    | 1.51 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3200 | 874 | 56    | 1.34 | 934  | 60    | 1.64 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3400 | 889 | 61    | 1.45 | 947  | 65    | 1.78 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3600 | 904 | 67    | 1.57 | 960  | 69    | 1.92 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 3800 | 919 | 72    | 1.70 | 974  | 74    | 2.08 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4000 | 934 | 76    | 1.84 | 987  | 80    | 2.26 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4200 | 949 | 81    | 1.99 | 1000 | 84    | 2.45 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4400 | 964 | 86    | 2.16 | 1013 | 89    | 2.65 | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4600 | 979 | 90    | 2.90 |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 4800 |     |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |
| 5000 |     |       |      |      |       |      | -   | -     | -   | -   | -     | -   | -   | -     | -   |

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC setting is 20 - 90.

## 12.5 TON MODELS: DHC1503W, DHC1504W & DHC1507W WITH DDC CONTROL • HIGH STATIC TO 3.5 HP (0.2 ~ 2.0 Esp) • DOWN FLOW

| CFM  | 0.2  |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |  |  |  |
|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|--|--|--|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |  |  |  |
| 2400 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |
| 2600 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |
| 2800 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |
| 3000 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |
| 3200 | 625  | 36    | 0.84 | 657  | 23    | 0.86 | 726  | 27    | 1.09 | 806  | 31    | 1.32 | 864  | 37    | 1.27 |  |  |  |
| 3400 | 654  | 40    | 0.96 | 687  | 29    | 0.97 | 755  | 33    | 1.23 | 833  | 37    | 1.49 | 886  | 42    | 1.40 |  |  |  |
| 3600 | 683  | 44    | 1.10 | 717  | 35    | 1.09 | 783  | 39    | 1.38 | 860  | 42    | 1.68 | 908  | 47    | 1.55 |  |  |  |
| 3800 | 712  | 48    | 1.27 | 748  | 41    | 1.23 | 811  | 44    | 1.56 | 887  | 48    | 1.89 | 931  | 52    | 1.71 |  |  |  |
| 4000 | 741  | 52    | 1.46 | 778  | 47    | 1.39 | 839  | 50    | 1.76 | 914  | 54    | 2.13 | 953  | 57    | 1.90 |  |  |  |
| 4200 | 770  | 57    | 1.68 | 809  | 52    | 1.56 | 867  | 56    | 1.98 | 941  | 59    | 2.40 | 976  | 62    | 2.09 |  |  |  |
| 4400 | 799  | 61    | 1.93 | 839  | 58    | 1.76 | 895  | 61    | 2.24 | 968  | 65    | 2.71 | 998  | 67    | 2.31 |  |  |  |
| 4600 | 828  | 65    | 2.22 | 869  | 64    | 1.99 | 923  | 67    | 2.52 | 996  | 71    | 3.06 | 1021 | 73    | 2.56 |  |  |  |
| 4800 | 857  | 69    | 2.56 | 900  | 70    | 2.24 | 952  | 73    | 2.84 | 1023 | 76    | 3.45 | 1043 | 78    | 2.83 |  |  |  |
| 5000 | 886  | 74    | 2.94 | 930  | 75    | 2.52 | 980  | 78    | 3.21 | 1050 | 82    | 3.89 | 1066 | 83    | 3.12 |  |  |  |
| 5200 | 915  | 78    | 3.39 | 961  | 81    | 2.85 | 1008 | 84    | 3.62 | 1077 | 88    | 4.38 | 1088 | 88    | 3.45 |  |  |  |
| 5400 | 944  | 82    | 3.90 | 991  | 87    | 3.21 | 1036 | 89    | 4.08 | 1104 | 90    | 4.94 | 1111 | 90    | 3.82 |  |  |  |
| 5600 | 973  | 86    | 4.48 | 1021 | 90    | 3.62 |      |       |      |      |       |      |      |       |      |  |  |  |
| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |  |  |  |
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |  |  |  |
| 2400 | 1010 | 27    | 1.13 | 1011 | 34    | 1.59 | 1060 | 37    | 1.82 | 1107 | 39    | 1.82 | 1127 | 44    | 2.11 |  |  |  |
| 2600 | 1027 | 31    | 1.22 | 1021 | 38    | 1.72 | 1069 | 41    | 1.97 | 1116 | 43    | 1.93 | 1138 | 48    | 2.29 |  |  |  |
| 2800 | 1044 | 36    | 1.33 | 1031 | 42    | 1.86 | 1079 | 45    | 2.13 | 1126 | 47    | 2.05 | 1149 | 52    | 2.48 |  |  |  |
| 3000 | 1061 | 40    | 1.44 | 1041 | 46    | 2.02 | 1088 | 49    | 2.31 | 1136 | 51    | 2.18 | 1161 | 56    | 2.69 |  |  |  |
| 3200 | 1077 | 45    | 1.56 | 1052 | 50    | 2.19 | 1098 | 53    | 2.50 | 1146 | 55    | 2.31 | 1172 | 60    | 2.91 |  |  |  |
| 3400 | 1094 | 49    | 1.69 | 1062 | 54    | 2.37 | 1107 | 57    | 2.71 | 1155 | 59    | 2.45 | 1184 | 63    | 3.15 |  |  |  |
| 3600 | 1111 | 53    | 1.83 | 1072 | 58    | 2.57 | 1117 | 61    | 2.94 | 1165 | 63    | 2.61 | 1195 | 67    | 3.41 |  |  |  |
| 3800 | 1128 | 58    | 1.98 | 1082 | 62    | 2.78 | 1126 | 65    | 3.18 | 1175 | 67    | 2.77 | 1206 | 71    | 3.70 |  |  |  |
| 4000 | 1145 | 62    | 2.14 | 1092 | 66    | 3.01 | 1136 | 69    | 3.45 | 1184 | 71    | 2.94 | 1218 | 75    | 4.01 |  |  |  |
| 4200 | 1161 | 67    | 2.32 | 1102 | 70    | 3.26 | 1145 | 73    | 3.73 | 1194 | 75    | 3.12 | 1229 | 79    | 4.34 |  |  |  |
| 4400 | 1178 | 71    | 2.51 | 1112 | 75    | 3.53 | 1155 | 77    | 4.05 | 1204 | 79    | 3.31 | 1241 | 83    | 4.70 |  |  |  |
| 4600 | 1195 | 76    | 2.72 | 1122 | 79    | 3.83 | 1164 | 81    | 4.38 | 1213 | 83    | 3.52 | 1252 | 87    | 5.09 |  |  |  |
| 4800 | 1212 | 80    | 2.95 | 1132 | 83    | 4.15 | 1173 | 85    | 4.75 | 1223 | 87    | 3.74 |      |       |      |  |  |  |
| 5000 | 1229 | 85    | 3.20 | 1142 | 87    | 4.49 | 1183 | 89    | 5.14 | 1233 | 90    | 3.97 |      |       |      |  |  |  |
| 5200 | 1246 | 89    | 3.46 | 1153 | 90    | 4.87 | 1192 | 90    | 5.57 |      |       |      |      |       |      |  |  |  |
| 5400 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |
| 5600 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |  |  |  |

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

## HORIZONTAL FLOW

| CFM  | 0.2  |       |      | 0.4  |       |      | 0.6  |       |      | 0.8  |       |      | 1.0  |       |      |
|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|------|-------|------|
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 2400 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |
| 2600 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |
| 2800 |      |       |      |      |       |      |      |       |      |      |       |      | 741  | 21    | 0.96 |
| 3000 | 563  | 31    | 0.56 | 628  | 21    | 0.97 | 686  | 24    | 0.88 | 761  | 26    | 1.06 | 830  | 33    | 1.32 |
| 3200 | 588  | 35    | 0.63 | 650  | 26    | 1.10 | 707  | 30    | 0.97 | 780  | 32    | 1.17 | 846  | 38    | 1.46 |
| 3400 | 613  | 39    | 0.71 | 673  | 31    | 1.24 | 729  | 35    | 1.07 | 800  | 37    | 1.29 | 862  | 42    | 1.61 |
| 3600 | 637  | 44    | 0.80 | 695  | 37    | 1.40 | 750  | 40    | 1.19 | 819  | 42    | 1.43 | 879  | 47    | 1.78 |
| 3800 | 662  | 48    | 0.90 | 718  | 42    | 1.57 | 772  | 45    | 1.31 | 839  | 48    | 1.58 | 895  | 52    | 1.97 |
| 4000 | 687  | 52    | 1.02 | 740  | 47    | 1.77 | 794  | 50    | 1.45 | 858  | 53    | 1.75 | 911  | 57    | 2.17 |
| 4200 | 712  | 56    | 1.15 | 763  | 52    | 2.00 | 815  | 56    | 1.60 | 878  | 58    | 1.93 | 927  | 61    | 2.40 |
| 4400 | 736  | 60    | 1.30 | 786  | 58    | 2.25 | 837  | 61    | 1.77 | 897  | 64    | 2.13 | 944  | 66    | 2.66 |
| 4600 | 761  | 64    | 1.46 | 808  | 63    | 2.54 | 858  | 66    | 1.96 | 916  | 69    | 2.36 | 960  | 71    | 2.93 |
| 4800 | 786  | 68    | 1.65 | 831  | 68    | 2.87 | 880  | 71    | 2.16 | 936  | 74    | 2.60 | 976  | 76    | 3.24 |
| 5000 | 811  | 72    | 1.86 | 853  | 73    | 3.23 | 901  | 77    | 2.39 | 955  | 79    | 2.88 | 992  | 81    | 3.58 |
| 5200 | 836  | 76    | 2.09 | 876  | 79    | 3.64 | 923  | 82    | 2.64 | 975  | 85    | 3.18 | 1009 | 85    | 3.96 |
| 5400 | 860  | 81    | 2.36 | 898  | 84    | 4.11 | 944  | 87    | 2.92 | 994  | 90    | 3.51 | 1025 | 90    | 4.38 |
| 5600 | 885  | 85    | 2.66 | 921  | 89    | 4.63 | 966  | 90    | 3.22 |      |       |      |      |       |      |
| CFM  | 1.2  |       |      | 1.4  |       |      | 1.6  |       |      | 1.8  |       |      | 2.0  |       |      |
|      | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  | RPM  | DDC % | BHP  |
| 2400 | 842  | 21    | 1.13 | 909  | 24    | 1.31 | 1012 | 31    | 1.45 | 1082 | 40    | 2.03 | 1118 | 26    | 2.21 |
| 2600 | 857  | 26    | 1.24 | 923  | 29    | 1.45 | 1022 | 36    | 1.57 | 1089 | 43    | 2.20 | 1125 | 29    | 2.34 |
| 2800 | 872  | 31    | 1.37 | 937  | 34    | 1.60 | 1031 | 40    | 1.70 | 1096 | 47    | 2.38 | 1132 | 32    | 2.49 |
| 3000 | 888  | 36    | 1.52 | 951  | 39    | 1.77 | 1041 | 44    | 1.85 | 1103 | 51    | 2.58 | 1140 | 35    | 2.64 |
| 3200 | 903  | 40    | 1.68 | 965  | 43    | 1.96 | 1051 | 49    | 2.00 | 1110 | 55    | 2.79 | 1147 | 38    | 2.81 |
| 3400 | 918  | 45    | 1.86 | 979  | 48    | 2.16 | 1061 | 53    | 2.17 | 1117 | 59    | 3.03 | 1154 | 41    | 2.98 |
| 3600 | 934  | 50    | 2.05 | 993  | 53    | 2.39 | 1071 | 57    | 2.35 | 1124 | 63    | 3.28 | 1162 | 45    | 3.17 |
| 3800 | 949  | 55    | 2.27 | 1007 | 57    | 2.64 | 1080 | 62    | 2.54 | 1131 | 66    | 3.55 | 1169 | 48    | 3.36 |
| 4000 | 965  | 59    | 2.50 | 1020 | 62    | 2.92 | 1090 | 66    | 2.76 | 1138 | 70    | 3.85 | 1176 | 51    | 3.57 |
| 4200 | 980  | 64    | 2.77 | 1034 | 67    | 3.23 | 1100 | 70    | 2.98 | 1145 | 74    | 4.17 | 1184 | 54    | 3.79 |
| 4400 | 995  | 69    | 3.06 | 1048 | 72    | 3.57 | 1110 | 75    | 3.23 | 1152 | 78    | 4.52 | 1191 | 57    | 4.02 |
| 4600 | 1011 | 74    | 3.38 | 1062 | 76    | 3.94 | 1120 | 79    | 3.50 | 1159 | 82    | 4.89 | 1198 | 60    | 4.27 |
| 4800 | 1026 | 78    | 3.74 | 1076 | 81    | 4.36 | 1130 | 84    | 3.79 |      |       |      |      |       |      |
| 5000 | 1041 | 83    | 4.13 | 1090 | 86    | 4.82 | 1139 | 88    | 4.11 |      |       |      |      |       |      |
| 5200 | 1057 | 88    | 4.56 | 1104 | 90    | 5.32 | 1149 | 90    | 4.45 |      |       |      |      |       |      |
| 5400 | 1072 | 90    | 5.04 |      |       |      |      |       |      |      |       |      |      |       |      |
| 5600 |      |       |      |      |       |      |      |       |      |      |       |      |      |       |      |

Shaded area indicates air flow below 3750 SCFM (300 SCFM/ton) that is not recommended for High Stage cooling or heating.

Valid motor operating range for DDC% setting is 20 - 90.

| 7.5-12.5 TONS                     |      |           |
|-----------------------------------|------|-----------|
| DOWNFLOW ECONOMIZER PRESSURE DROP |      |           |
| Cabinet                           | CFM  | SP in.wg. |
| 7.5 Ton                           | 2250 | .04"      |
|                                   | 3000 | .07"      |
|                                   | 3750 | .11"      |
| 8.5 Ton                           | 2550 | .06"      |
|                                   | 3400 | .10"      |
|                                   | 4250 | .16"      |
| 10 Ton                            | 3000 | .08"      |
|                                   | 4000 | .13"      |
|                                   | 5000 | .22"      |
| 12.5 Ton                          | 3750 | .14"      |
|                                   | 5000 | .24"      |
|                                   | 6250 | .36"      |

| 7.5-12.5 TONS                       |      |           |
|-------------------------------------|------|-----------|
| HORIZONTAL ECONOMIZER PRESSURE DROP |      |           |
| Cabinet                             | CFM  | SP in.wg. |
| 7.5 Ton                             | 2250 | .05"      |
|                                     | 3000 | .07"      |
|                                     | 3750 | .13"      |
| 8.5 Ton                             | 2550 | .07"      |
|                                     | 3400 | .13"      |
|                                     | 4250 | .18"      |
| 10 Ton                              | 3000 | .07"      |
|                                     | 4000 | .12"      |
|                                     | 5000 | .19"      |
| 12.5 Ton                            | 3750 | .09"      |
|                                     | 5000 | .15"      |
|                                     | 6250 | .24"      |

| Model Number | Electrical Rating | Compressor |      |     | Outdoor Fan Motor |      |     | Indoor Fan Motor |     |     | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|-----|-------------------|------|-----|------------------|-----|-----|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP   | FLA | Type             | HP  | FLA | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC0903D     | 208/230/3/60      | 2          | 12.2 | 120 | 2                 | 0.33 | 2.0 | 1                | 1.7 | 5.8 | -                      | -         | -         | -                                   | -                      | 37.2/37.2    | 45/45   |
|              |                   |            |      |     |                   |      |     |                  |     |     | -                      | -         | -         | 9.6/8.7                             | -                      | 46.8/45.9    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 40.5/40.2    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 50.1/48.9    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 37.2/37.3    | 45/45   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 46.8/48.2    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 40.5/41.1    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 50.1/51.9    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 46.3/52.4    | 50/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 58.3/63.2    | 60/70   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 50.5/56.1    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 62.5/67.0    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 59.4/67.4    | 60/70   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 71.4/78.3    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 63.5/71.1    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 75.5/82.0    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 85.4/97.5    | 90/100  |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 97.4/108     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 89.6/101     | 90/110  |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 102/112      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 125/143      | 125/150 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 137/153      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 129/146      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 141/157      | 150/175 |
| DHC0903L     | 208/230/3/60      | 2          | 12.2 | 120 | 2                 | 0.33 | 2.0 | 1                | 2.4 | 8.0 | -                      | -         | -         | -                                   | -                      | 39.4/39.4    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     | -                      | -         | -         | 9.6/8.7                             | -                      | 49.0/48.1    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 42.7/42.4    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 52.3/51.1    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 39.4/40.1    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 49.0/50.9    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 42.7/43.8    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 52.3/54.7    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 49.1/55.1    | 50/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 61.1/66.0    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 53.2/58.9    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 65.2/69.7    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 62.1/70.1    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 74.1/81.0    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 66.3/73.9    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 78.3/84.8    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 88.2/100     | 90/110  |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 100/111      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 92.3/104     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 104/115      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |     | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 127/145      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 139/156      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 131/149      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 143/160      | 150/175 |

| Model Number | Electrical Rating | Compressor |      |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |      | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|------|-------------------|------|------|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA  | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC0903W     | 208/230/3/60      | 2          | 12.2 | 120  | 2                 | 0.33 | 2.0  | 1                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | 42.3/42.3    | 50/50   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 51.9/51.0    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 45.6/45.3    | 50/50   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 55.2/54.0    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 42.3/43.7    | 50/50   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 51.9/54.6    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 45.6/47.4    | 50/50   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 55.8/58.3    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 52.7/58.7    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 64.7/69.6    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 56.9/62.5    | 60/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 68.9/73.4    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 65.7/73.8    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 77.7/84.6    | 80/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 69.9/77.5    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 81.9/88.4    | 90/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 91.8/104     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 104/115      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 96.0/108     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 108/118      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 131/149      | 150/150 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 143/160      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 135/153      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 147/164      | 150/175 |
| DHC0904D     | 460/3/60          | 2          | 5.8  | 55.1 | 2                 | 0.33 | 0.85 | 1                | 1.7 | 4.0  | -                      | -         | -         | -                                   | -                      | 18.7         | 20      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 4.3                                 | -                      | 23.0         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | -                                   | 1.2 (1.0)              | 19.9         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 4.3                                 | 1.2 (1.0)              | 24.2         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M10              | 10.0      | 12.0      | -                                   | -                      | 20.0         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 25.4         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 21.5         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 26.9         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M15              | 15.0      | 18.0      | -                                   | -                      | 27.6         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 32.9         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 29.1         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 34.4         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M20              | 20.0      | 24.1      | -                                   | -                      | 35.1         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 40.4         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 36.6         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 41.9         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M30              | 30.0      | 36.1      | -                                   | -                      | 50.1         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 55.5         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 51.6         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 57.0         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M45              | 45.0      | 54.1      | -                                   | -                      | 72.7         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 78.0         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 74.2         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 79.5         | 80      |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC0904L     | 460/3/60          | 2          | 5.8 | 55.1 | 2                 | 0.33 | 0.85 | 1                | 2.4 | 5.4 | -                      | -    | -    | -                                   | -                      | 20.1         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 24.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 21.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 25.6         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 21.8         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 27.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 23.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 29.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 30.8         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 36.2         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 36.8         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 42.2         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 38.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 43.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 51.9         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 57.2         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 53.4         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 58.7         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 74.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 79.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 75.9         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 81.3         | 90  |
| DHC0904W     | 460/3/60          | 2          | 5.8 | 55.1 | 2                 | 0.33 | 0.85 | 1                | 3.5 | 7.2 | -                      | -    | -    | -                                   | -                      | 21.9         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 26.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 23.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 24.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 29.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 25.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 30.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 31.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 36.9         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 33.1         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 38.4         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 39.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 44.4         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 40.6         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 45.9         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 54.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 59.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 55.6         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 61.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 76.7         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 82.0         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 78.2         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 83.5         | 90  |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC0907D     | 575/3/60          | 2          | 5.8 | 41.0 | 2                 | 0.33 | 0.67 | 1                | 1.7 | 2.9 | -                      | -    | -    | -                                   | -                      | 17.2         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 20.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 18.5         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 22.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 17.2         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 20.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 18.5         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 22.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 21.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 26.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 23.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 27.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 27.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 32.1         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 29.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 33.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 39.7         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 44.1         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 41.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 45.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 57.8         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 62.1         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 59.4         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 63.8         | 70  |
| DHC0907L     | 575/3/60          | 2          | 5.8 | 41.0 | 2                 | 0.33 | 0.67 | 1                | 2.4 | 4.0 | -                      | -    | -    | -                                   | -                      | 18.3         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 21.8         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 19.6         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 23.1         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 18.3         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 21.8         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 19.6         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 23.1         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 23.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 24.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 29.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 29.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 33.4         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 30.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 35.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 41.1         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 45.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 42.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 47.1         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 59.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 63.5         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 60.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 65.1         | 70  |

| Model Number | Electrical Rating | Compressor |      |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|------|-------------------|------|------|------------------|-----|-----|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC0907W     | 575/3/60          | 2          | 5.8  | 41.0 | 2                 | 0.33 | 0.67 | 1                | 3.5 | 5.0 | -                      | -         | -         | -                                   | -                      | 19.3         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     | -                      | -         | -         | 3.5                                 | -                      | 22.8         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     | -                      | -         | -         | -                                   | 1.3                    | 20.6         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     | -                      | -         | -         | 3.5                                 | 1.3                    | 24.1         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0      | 9.6       | -                                   | -                      | 19.3         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | -                      | 22.8         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 1.3                    | 20.6         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | 1.3                    | 24.3         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0      | 14.4      | -                                   | -                      | 24.3         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | -                      | 28.7         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 1.3                    | 25.9         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | 1.3                    | 30.3         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0      | 19.2      | -                                   | -                      | 30.3         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | -                      | 34.7         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 1.3                    | 31.9         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | 1.3                    | 36.3         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0      | 28.9      | -                                   | -                      | 42.3         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | -                      | 46.7         | 50      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 1.3                    | 44.0         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | 1.3                    | 48.3         | 50      |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0      | 43.3      | -                                   | -                      | 60.4         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | -                      | 64.8         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 1.3                    | 62.0         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 3.5                                 | 1.3                    | 66.4         | 70      |
| DHC1023D     | 208/230/3/60      | 2          | 14.1 | 120  | 2                 | 0.33 | 2.0  | 1                | 2.4 | 8.0 | -                      | -         | -         | -                                   | -                      | 43.7/43.7    | 50/50   |
|              |                   |            |      |      |                   |      |      |                  |     |     | -                      | -         | -         | 9.6/8.7                             | -                      | 53.3/52.4    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 47.0/46.7    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 56.6/55.4    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 43.7/43.7    | 50/50   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 53.3/52.4    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 47.0/46.7    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 56.6/55.4    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 49.1/55.1    | 50/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 61.1/66.0    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 53.2/58.9    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 65.2/69.7    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 62.1/70.1    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 74.1/81.0    | 80/90   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 66.3/73.9    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 78.3/84.8    | 80/90   |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 88.2/100     | 90/110  |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 100/111      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 92.3/104     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 104/115      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |     | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 127/145      | 150/150 |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | -                      | 139/156      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 131/149      | 150/150 |
|              |                   |            |      |      |                   |      |      |                  |     |     |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 143/160      | 150/175 |

| Model Number | Electrical Rating | Compressor |      |     | Outdoor Fan Motor |      |     | Indoor Fan Motor |     |      | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|-----|-------------------|------|-----|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP   | FLA | Type             | HP  | FLA  | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC1023L     | 208/230/3/60      | 2          | 14.1 | 120 | 2                 | 0.33 | 2.0 | 1                | 2.4 | 8.0  | -                      | -         | -         | -                                   | -                      | 43.7/43.7    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 53.3/52.4    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 47.0/46.7    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 56.6/55.4    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 43.7/43.7    | 50/50   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 53.3/52.4    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 47.0/46.7    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 56.6/55.4    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 49.1/55.1    | 50/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 61.1/66.0    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 53.2/58.9    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 65.2/69.7    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 62.1/70.1    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 74.1/81.0    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 66.3/73.9    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 78.3/84.8    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 88.2/100     | 90/110  |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 100/111      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 92.3/104     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 104/115      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 127/145      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 139/156      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 131/149      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 143/160      | 150/175 |
| DHC1023W     | 208/230/3/60      | 2          | 14.1 | 120 | 2                 | 0.33 | 2.0 | 1                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | 46.6/46.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 56.2/55.3    | 70/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 49.9/49.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 59.5/58.3    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 46.6/46.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 56.2/55.3    | 70/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 49.9/49.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 59.5/58.3    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 52.7/58.7    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 64.7/69.6    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 56.9/62.5    | 60/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 68.9/73.4    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 65.7/73.8    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 77.7/84.6    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 69.9/77.5    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 81.9/88.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 91.8/104     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 104/115      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 96.0/108     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 108/118      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 131/149      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 143/160      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 135/153      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 147/164      | 150/175 |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1024D     | 460/3/60          | 2          | 6.4 | 55.1 | 2                 | 0.33 | 0.85 | 1                | 2.4 | 5.4 | -                      | -    | -    | -                                   | -                      | 21.5         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 25.8         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 22.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 27.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 21.8         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 27.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 23.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 29.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 30.8         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 36.2         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 36.8         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 42.2         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 38.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 43.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 51.9         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 57.2         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 53.4         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 58.7         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 74.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 79.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 75.9         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 81.3         | 90  |
| DHC1024L     | 460/3/60          | 2          | 6.4 | 55.1 | 2                 | 0.33 | 0.85 | 1                | 2.4 | 5.4 | -                      | -    | -    | -                                   | -                      | 21.5         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 25.8         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 22.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 27.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 21.8         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 27.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 23.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 29.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 30.8         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 36.2         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 36.8         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 42.2         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 38.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 43.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 51.9         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 57.2         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 53.4         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 58.7         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 74.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 79.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 75.9         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 81.3         | 90  |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1024W     | 460/3/60          | 2          | 6.4 | 55.1 | 2                 | 0.33 | 0.9  | 1                | 3.5 | 7.2 | -                      | -    | -    | -                                   | -                      | 23.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 27.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 24.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 28.8         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 24.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 29.4         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 25.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 30.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 31.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 36.9         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 33.1         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 38.4         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 39.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 44.4         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 40.6         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 45.9         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 54.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 59.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 55.6         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 61.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 76.7         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 82.0         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 78.2         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 83.5         | 90  |
| DHC1027D     | 575/3/60          | 2          | 5.1 | 41.0 | 2                 | 0.33 | 0.67 | 1                | 2.4 | 4.0 | -                      | -    | -    | -                                   | -                      | 16.9         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 20.4         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 18.2         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 21.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 17.0         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 21.4         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 18.7         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 23.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 23.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 24.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 29.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 29.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 33.4         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 30.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 35.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 41.1         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 45.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 42.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 47.1         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 59.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 63.5         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 60.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 65.1         | 70  |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1027L     | 575/3/60          | 2          | 5.1 | 41.0 | 2                 | 0.33 | 0.67 | 1                | 2.4 | 4.0 | -                      | -    | -    | -                                   | -                      | 16.9         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 20.4         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 18.2         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 21.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 17.0         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 21.4         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 18.7         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 23.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 23.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 24.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 29.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 29.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 33.4         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 30.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 35.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 41.1         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 45.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 42.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 47.1         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 59.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 63.5         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 60.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 65.1         | 70  |
| DHC1027W     | 575/3/60          | 2          | 5.1 | 41.0 | 2                 | 0.33 | 0.67 | 1                | 3.5 | 5.0 | -                      | -    | -    | -                                   | -                      | 17.9         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 21.4         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 19.2         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 22.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 18.3         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 22.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 19.9         | 20  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 24.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 24.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 25.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 31.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 36.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 42.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 46.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 44.0         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 48.3         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 60.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 64.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 62.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 66.4         | 70  |

## Electrical Data

| Model Number | Electrical Rating | Compressor |      |     | Outdoor Fan Motor |      |     | Indoor Fan Motor |     |      | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|-----|-------------------|------|-----|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP   | FLA | Type             | HP  | FLA  | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC1203D     | 208/230/3/60      | 2          | 15.4 | 156 | 2                 | 0.33 | 2.0 | 1                | 2.4 | 8.0  | -                      | -         | -         | -                                   | -                      | 46.6/46.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 56.2/55.3    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 49.9/49.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 59.5/58.3    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 46.6/46.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 56.2/55.3    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 49.9/49.6    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 59.5/58.3    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 49.1/55.1    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 61.1/66.0    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 53.2/58.9    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 65.2/69.7    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 62.1/70.1    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 74.1/81.0    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 66.3/73.9    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 78.3/84.8    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 88.2/100     | 90/110  |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 100/111      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 92.3/104     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 104/115      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 127/145      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 139/156      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 131/149      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 143/160      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M60              | 45.1/60.0 | 125/144   | -                                   | -                      | 166/154      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 178/165      | 200/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 171/158      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 183/169      | 200/175 |
| DHC1203L     | 208/230/3/60      | 2          | 15.4 | 156 | 2                 | 0.33 | 2.0 | 1                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | 49.5/49.5    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 59.1/58.2    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 52.8/52.5    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 62.4/61.2    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 49.5/49.5    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 59.1/58.2    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 52.8/52.5    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 62.4/61.2    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 52.7/58.7    | 60/60   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 64.7/69.6    | 70/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 56.9/62.5    | 60/70   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 68.9/73.4    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 65.7/73.8    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 77.7/84.6    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 69.9/77.5    | 70/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 81.9/88.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 91.8/104     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 104/115      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 96.0/108     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 108/118      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 131/149      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 143/160      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 135/153      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 147/164      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M60              | 45.1/60.0 | 125/144   | -                                   | -                      | 170/158      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 182/169      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 174/162      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 186/173      | 200/200 |

| Model Number | Electrical Rating | Compressor |      |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |      | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|------|-------------------|------|------|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA  | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC1203W     | 208/230/3/60      | 2          | 15.4 | 156  | 2                 | 0.33 | 2.0  | 1                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | 49.5/49.5    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 59.1/58.2    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 52.8/52.5    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 62.4/61.2    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 49.5/49.5    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 59.1/58.2    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 52.8/52.5    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 62.4/61.2    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 52.7/58.7    | 60/60   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 64.7/69.6    | 70/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 56.9/62.5    | 60/70   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 68.9/73.4    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 65.7/73.8    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 77.7/84.6    | 80/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 69.9/77.5    | 70/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 81.9/88.4    | 90/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 91.8/104     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 104/115      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 96.0/108     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 108/118      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 131/149      | 150/150 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 143/160      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 135/153      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 147/164      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M60              | 45.1/60.0 | 125/144   | -                                   | -                      | 170/158      | 175/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 182/169      | 200/200 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 174/162      | 175/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 186/173      | 200/200 |
| DHC1204D     | 460/3/60          | 2          | 7.7  | 69.0 | 2                 | 0.33 | 0.85 | 1                | 2.4 | 5.4  | -                      | -         | -         | -                                   | -                      | 24.4         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 4.3                                 | -                      | 28.7         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | -                                   | 1.2 (1.0)              | 25.6         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 4.3                                 | 1.2 (1.0)              | 29.9         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M10              | 10.0      | 12.0      | -                                   | -                      | 24.4         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 28.7         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 25.6         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 29.9         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M15              | 15.0      | 18.0      | -                                   | -                      | 29.3         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 34.7         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 30.8         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 36.2         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M20              | 20.0      | 24.1      | -                                   | -                      | 36.8         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 42.2         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 38.3         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 43.7         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M30              | 30.0      | 36.1      | -                                   | -                      | 51.9         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 57.2         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 53.4         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 58.7         | 60      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M45              | 45.0      | 54.1      | -                                   | -                      | 74.4         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 79.8         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 75.9         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 81.3         | 90      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-4M60              | 60.0      | 72.2      | -                                   | -                      | 78.9         | 90      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | -                      | 84.3         | 90      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.2 (1.0)              | 80.4         | 90      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 4.3                                 | 1.2 (1.0)              | 85.8         | 90      |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1204L     | 460/3/60          | 2          | 7.7 | 69.0 | 2                 | 0.33 | 0.85 | 1                | 3.5 | 7.2 | -                      | -    | -    | -                                   | -                      | 26.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 30.5         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 31.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 26.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 30.5         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 31.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 31.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 36.9         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 33.1         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 38.4         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 39.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 44.4         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 40.6         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 45.9         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 54.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 59.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 55.6         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 61.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 76.7         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 82.0         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 78.2         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 83.5         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M60              | 60.0 | 72.2 | -                                   | -                      | 81.2         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 86.5         | 100 |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 82.7         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 88.0         | 100 |
| DHC1204W     | 460/3/60          | 2          | 7.7 | 69.0 | 2                 | 0.33 | 0.85 | 1                | 3.5 | 7.2 | -                      | -    | -    | -                                   | -                      | 26.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 30.5         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 31.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 26.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 30.5         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 31.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 31.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 36.9         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 33.1         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 38.4         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 39.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 44.4         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 40.6         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 45.9         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 54.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 59.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 55.6         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 61.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 76.7         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 82.0         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 78.2         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 83.5         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-4M60              | 60.0 | 72.2 | -                                   | -                      | 81.2         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | -                      | 86.5         | 100 |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 82.7         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 88.0         | 100 |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1207D     | 575/3/60          | 2          | 6.4 | 47.8 | 2                 | 0.33 | 0.67 | 1                | 2.4 | 4.0 | -                      | -    | -    | -                                   | -                      | 19.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 23.2         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 21.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 24.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 19.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 23.2         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 21.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 24.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 23.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 24.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 29.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 29.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 33.4         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 30.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 35.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 41.1         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 45.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 42.7         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 47.1         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 59.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 63.5         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 60.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 65.1         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M60              | 60.0 | 57.7 | -                                   | -                      | 62.7         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 67.1         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 64.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 68.7         | 80  |
| DHC1207L     | 575/3/60          | 2          | 6.4 | 47.8 | 2                 | 0.33 | 0.67 | 1                | 3.5 | 5.0 | -                      | -    | -    | -                                   | -                      | 20.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 24.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 22.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 25.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 20.7         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 24.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 22.0         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 25.5         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 24.3         | 25  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 25.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 31.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 36.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 42.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 46.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 44.0         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 48.3         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 60.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 64.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 62.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 66.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M60              | 60.0 | 57.7 | -                                   | -                      | 64.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 68.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 65.6         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 70.0         | 80  |

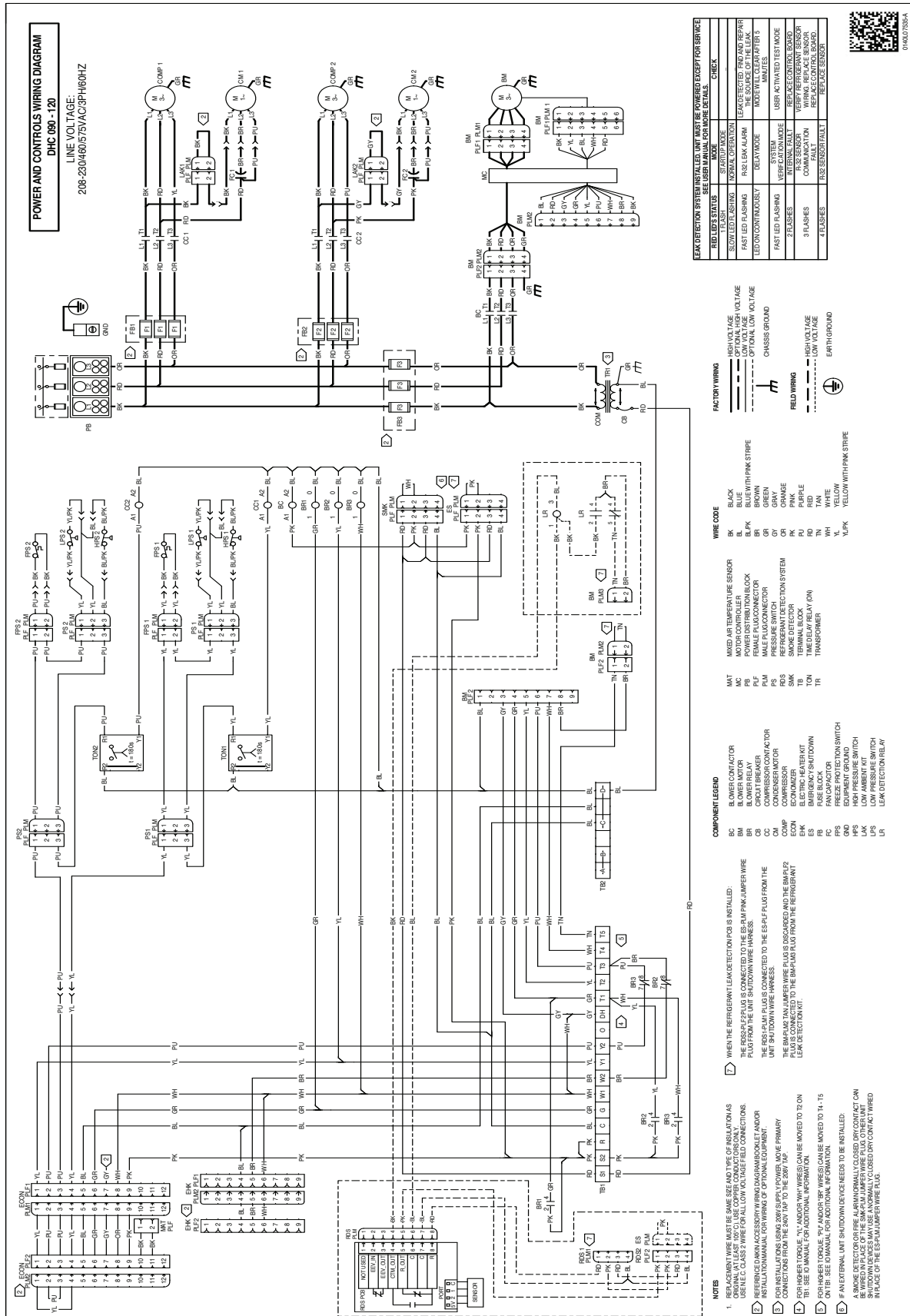
| Model Number | Electrical Rating | Compressor |      |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |      | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|------|-------------------|------|------|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA  | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC1207W     | 575/3/60          | 2          | 6.4  | 47.8 | 2                 | 0.33 | 0.67 | 1                | 3.5 | 5.0  | -                      | -         | -         | -                                   | -                      | 20.7         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 3.5                                 | -                      | 24.2         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | -                                   | 1.3                    | 22.0         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 3.5                                 | 1.3                    | 25.5         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-7M10              | 10.0      | 9.6       | -                                   | -                      | 20.7         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | -                      | 24.2         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.3                    | 22.0         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | 1.3                    | 25.5         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-7M15              | 15.0      | 14.4      | -                                   | -                      | 24.3         | 25      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | -                      | 28.7         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.3                    | 25.9         | 30      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | 1.3                    | 30.3         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-7M20              | 20.0      | 19.2      | -                                   | -                      | 30.3         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | -                      | 34.7         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.3                    | 31.9         | 35      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | 1.3                    | 36.3         | 40      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-7M30              | 30.0      | 28.9      | -                                   | -                      | 42.3         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | -                      | 46.7         | 50      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.3                    | 44.0         | 45      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | 1.3                    | 48.3         | 50      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-7M45              | 45.0      | 43.3      | -                                   | -                      | 60.4         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | -                      | 64.8         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.3                    | 62.0         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | 1.3                    | 66.4         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-7M60              | 60.0      | 57.7      | -                                   | -                      | 64.0         | 70      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | -                      | 68.4         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 1.3                    | 65.6         | 80      |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 3.5                                 | 1.3                    | 70.0         | 80      |
| DHC1503D     | 208/230/3/60      | 2          | 19.2 | 157  | 2                 | 0.33 | 3.5  | 1                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | 61.1/61.1    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 70.7/69.8    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 64.4/64.1    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 74.0/72.8    | 90/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 61.1/61.1    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 70.7/69.8    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 64.4/64.1    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 74.0/72.8    | 90/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 61.1/61.1    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 70.7/69.8    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 64.4/64.1    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 74.0/73.4    | 90/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 65.7/73.8    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 77.7/84.6    | 80/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 69.9/77.5    | 80/80   |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 81.9/88.4    | 90/90   |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 91.8/104     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 104/115      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 96.0/108     | 100/110 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 108/118      | 110/125 |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 131/149      | 150/150 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 143/160      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 135/153      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 147/164      | 150/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      | EH*D-3M60              | 45.1/60.0 | 125/144   | -                                   | -                      | 170/158      | 175/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 182/169      | 200/200 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 174/162      | 175/175 |
|              |                   |            |      |      |                   |      |      |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 186/173      | 200/200 |

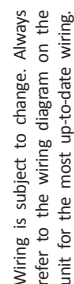
| Model Number | Electrical Rating | Compressor |      |     | Outdoor Fan Motor |      |     | Indoor Fan Motor |     |      | Optional Electric Heat |           |           | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |         |
|--------------|-------------------|------------|------|-----|-------------------|------|-----|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP   | FLA | Type             | HP  | FLA  | Part #                 | KW*       | FLA       | FLA                                 | FLA                    | MCA          | MOP     |
| DHC1503L     | 208/230/3/60      | 2          | 19.2 | 157 | 2                 | 0.33 | 3.5 | 1                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | 61.1/61.1    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 70.7/69.8    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 64.4/64.1    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 74.0/72.8    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 61.1/61.1    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 70.7/69.8    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 64.4/64.1    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 74.0/72.8    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 61.1/61.1    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 70.7/69.8    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 64.4/64.1    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 74.0/73.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 65.7/73.8    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 77.7/84.6    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 69.9/77.5    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 81.9/88.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 91.8/104     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 104/115      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 96.0/108     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 108/118      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 131/149      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 143/160      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 135/153      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 147/164      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M60              | 45.1/60.0 | 125/144   | -                                   | -                      | 170/158      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 182/169      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 174/162      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 186/173      | 200/200 |
| DHC1503W     | 208/230/3/60      | 2          | 19.2 | 157 | 2                 | 0.33 | 3.5 | 1                | 5.0 | 14.5 | -                      | -         | -         | -                                   | -                      | 64.7/64.7    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 74.3/73.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 3.3/3.0 (2.4)          | 68.0/67.7    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 3.3/3.0 (2.4)          | 77.6/76.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M10              | 7.5/10.0  | 20.8/24.1 | -                                   | -                      | 64.7/64.7    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 74.3/73.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 68.0/67.7    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 77.6/76.4    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M15              | 11.3/15.0 | 31.3/36.1 | -                                   | -                      | 64.7/64.7    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 74.3/74.1    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 68.0/67.7    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 77.6/77.9    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M20              | 15.0/20.0 | 41.7/48.1 | -                                   | -                      | 70.2/78.3    | 80/80   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 82.2/89.1    | 90/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 74.4/82.0    | 80/90   |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 86.4/92.9    | 90/100  |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M30              | 22.5/30.0 | 62.5/72.2 | -                                   | -                      | 96.3/108     | 100/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 108/119      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 100/112      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 112/123      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M45              | 33.8/45.0 | 93.8/108  | -                                   | -                      | 135/153      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 147/164      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 140/157      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 152/168      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH*D-3M60              | 45.1/60.0 | 125/144   | -                                   | -                      | 174/162      | 175/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 186/173      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 3.3/3.0 (2.4)          | 179/166      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 3.3/3.0 (2.4)          | 191/177      | 200/200 |

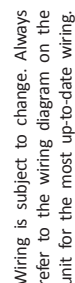
| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |     | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|-----|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1504D     | 460/3/60          | 2          | 9.0 | 74.8 | 2                 | 0.33 | 1.6 | 1                | 3.5 | 7.2 | -                      | -    | -    | -                                   | -                      | 30.6         | 35  |
|              |                   |            |     |      |                   |      |     |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 34.9         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 31.8         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 36.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 30.6         | 35  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 34.9         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 31.8         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 36.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 31.6         | 35  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 36.9         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 33.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 38.4         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 39.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 44.4         | 45  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 40.6         | 45  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 45.9         | 50  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 54.1         | 60  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 59.5         | 60  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 55.6         | 60  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 61.0         | 70  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 76.7         | 80  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 82.0         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 78.2         | 80  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 83.5         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M60              | 60.0 | 72.2 | -                                   | -                      | 81.2         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 86.5         | 100 |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 82.7         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 88.0         | 100 |
| DHC1504L     | 460/3/60          | 2          | 9.0 | 74.8 | 2                 | 0.33 | 1.6 | 1                | 3.5 | 7.2 | -                      | -    | -    | -                                   | -                      | 30.6         | 35  |
|              |                   |            |     |      |                   |      |     |                  |     |     | -                      | -    | -    | 4.3                                 | -                      | 34.9         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | -                      | -    | -    | -                                   | 1.2 (1.0)              | 31.8         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 36.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 30.6         | 35  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 34.9         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 31.8         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 36.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 31.6         | 35  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 36.9         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 33.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 38.4         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 39.1         | 40  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 44.4         | 45  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 40.6         | 45  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 45.9         | 50  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 54.1         | 60  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 59.5         | 60  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 55.6         | 60  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 61.0         | 70  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 76.7         | 80  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 82.0         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 78.2         | 80  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 83.5         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     | EH*D-4M60              | 60.0 | 72.2 | -                                   | -                      | 81.2         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | -                      | 86.5         | 100 |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | -                                   | 1.2 (1.0)              | 82.7         | 90  |
|              |                   |            |     |      |                   |      |     |                  |     |     |                        |      |      | 4.3                                 | 1.2 (1.0)              | 88.0         | 100 |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |      | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|------|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA  | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1504W     | 460/3/60          | 2          | 9.0 | 74.8 | 2                 | 0.33 | 1.6  | 1                | 5.0 | 10.6 | -                      | -    | -    | -                                   | -                      | 34.0         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 38.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      | -                      | -    | -    | -                                   | 1.2 (1.0)              | 35.2         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | 1.2 (1.0)              | 39.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-4M10              | 10.0 | 12.0 | -                                   | -                      | 34.0         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 38.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.2 (1.0)              | 35.2         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 1.2 (1.0)              | 39.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-4M15              | 15.0 | 18.0 | -                                   | -                      | 35.8         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 41.2         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.2 (1.0)              | 37.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 1.2 (1.0)              | 42.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-4M20              | 20.0 | 24.1 | -                                   | -                      | 43.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 48.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.2 (1.0)              | 44.8         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 1.2 (1.0)              | 50.2         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-4M30              | 30.0 | 36.1 | -                                   | -                      | 58.4         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 63.7         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.2 (1.0)              | 59.9         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 1.2 (1.0)              | 65.2         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-4M45              | 45.0 | 54.1 | -                                   | -                      | 80.9         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 86.3         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.2 (1.0)              | 82.4         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 1.2 (1.0)              | 87.8         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-4M60              | 60.0 | 72.2 | -                                   | -                      | 85.4         | 100 |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 90.8         | 100 |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.2 (1.0)              | 86.9         | 100 |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 1.2 (1.0)              | 92.3         | 100 |
| DHC1507D     | 575/3/60          | 2          | 7.0 | 53.9 | 2                 | 0.33 | 1.54 | 1                | 3.5 | 5.0  | -                      | -    | -    | -                                   | -                      | 23.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      | -                      | -    | -    | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      | -                      | -    | -    | -                                   | 1.3                    | 25.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      | -                      | -    | -    | 3.5                                 | 1.3                    | 28.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 23.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.3                    | 25.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | 1.3                    | 28.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 24.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | -                      | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.3                    | 25.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | 1.3                    | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.3                    | 31.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | 1.3                    | 36.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 42.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | -                      | 46.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.3                    | 44.0         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | 1.3                    | 48.3         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 60.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | -                      | 64.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.3                    | 62.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | 1.3                    | 66.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      | EH*D-7M60              | 60.0 | 57.7 | -                                   | -                      | 64.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | -                      | 68.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | -                                   | 1.3                    | 65.6         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |      |                        |      |      | 3.5                                 | 1.3                    | 70.0         | 80  |

| Model Number | Electrical Rating | Compressor |     |      | Outdoor Fan Motor |      |      | Indoor Fan Motor |     |     | Optional Electric Heat |      |      | Optional Powered Convenience Outlet | Optional Power Exhaust | Power Supply |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | Type             | HP  | FLA | Part #                 | KW*  | FLA  | FLA                                 | FLA                    | MCA          | MOP |
| DHC1507L     | 575/3/60          | 2          | 7.0 | 53.9 | 2                 | 0.33 | 1.54 | 1                | 3.5 | 5.0 | -                      | -    | -    | -                                   | -                      | 23.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 25.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 28.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 23.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 25.2         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 28.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 24.3         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 25.9         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 30.3         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 31.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 36.3         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 42.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 46.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 44.0         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 48.3         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 60.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 64.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 62.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 66.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M60              | 60.0 | 57.7 | -                                   | -                      | 64.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 68.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 65.6         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 70.0         | 80  |
| DHC1507W     | 575/3/60          | 2          | 7.0 | 53.9 | 2                 | 0.33 | 1.5  | 1                | 5.0 | 7.2 | -                      | -    | -    | -                                   | -                      | 26.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 29.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 1.3                    | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 1.3                    | 30.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M10              | 10.0 | 9.6  | -                                   | -                      | 26.1         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 29.6         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 27.4         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 30.9         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M15              | 15.0 | 14.4 | -                                   | -                      | 27.0         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 31.4         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 28.7         | 30  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 33.0         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M20              | 20.0 | 19.2 | -                                   | -                      | 33.1         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 37.4         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 34.7         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 39.1         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M30              | 30.0 | 28.9 | -                                   | -                      | 45.1         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 49.5         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 46.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 51.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M45              | 45.0 | 43.3 | -                                   | -                      | 63.1         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 67.5         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 64.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 69.1         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH*D-7M60              | 60.0 | 57.7 | -                                   | -                      | 66.7         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 71.1         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 1.3                    | 68.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 1.3                    | 72.7         | 80  |





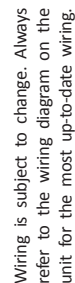


**⚠ WARNING**

**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

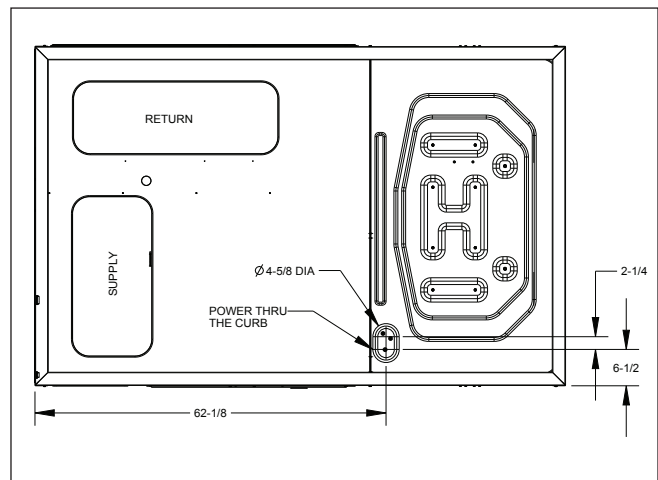
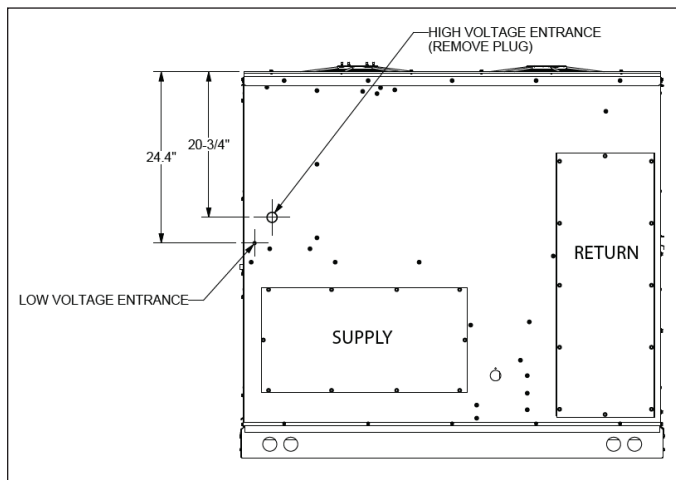
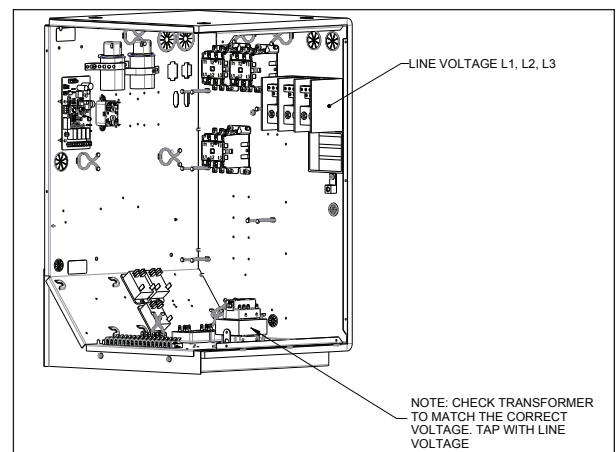
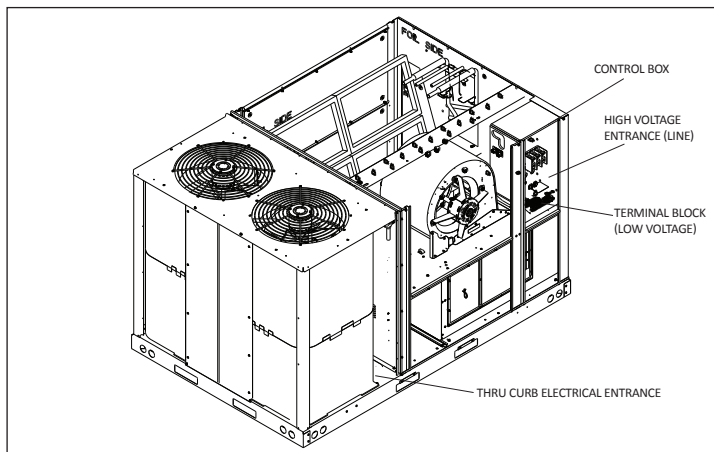


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.

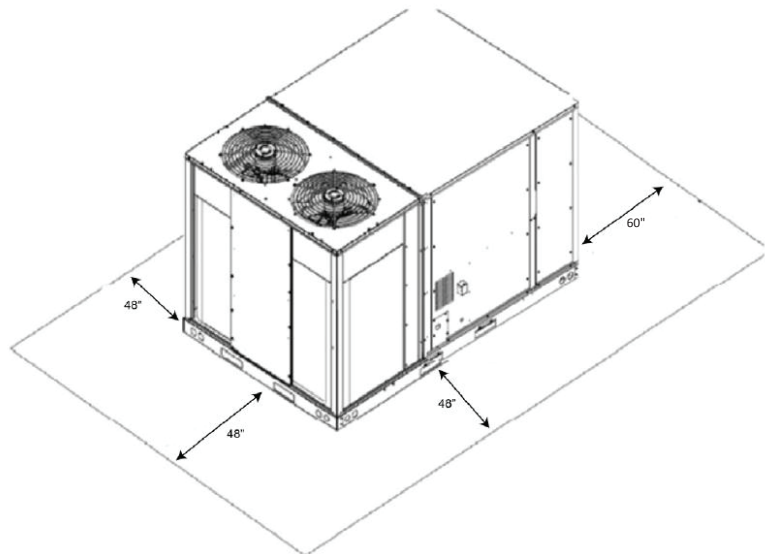




## Unit Clearances

### Service Clearance

Allow for recommended service clearances as shown in figure to the right. In situations that have multiple units, a 36" minimum clearance is required between the condenser coils. A clearance of 48" is recommended on all sides of the unit to allow service access and to ensure proper ventilation and condenser airflow. The top of the unit should be unobstructed. Provide a roof walkway along the sides of the unit for service and access to controls and components. Contact your Daikin sales representative for service requirements less than those recommended.



## Unit Location

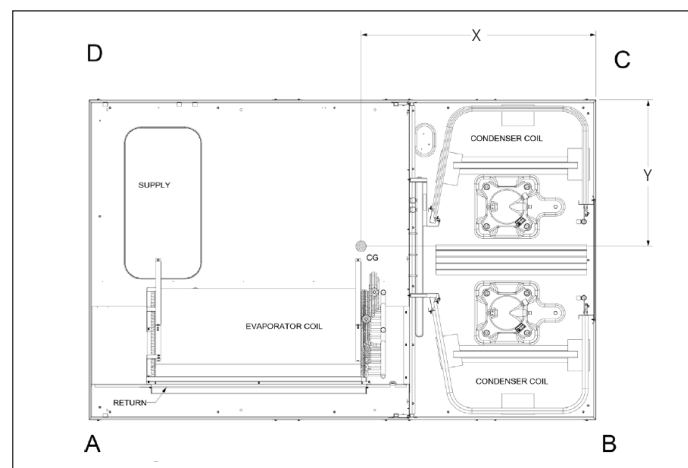
The structural engineer must verify that the roof has adequate support and ability to minimize deflection. Take extreme caution when using on a wooden roof structure. Unit condenser coils should be in a location that avoids any heated exhaust air.

Allow sufficient space around the unit for maintenance/service clearance. Consult your Daikin sales representative if available clearances do not meet minimum recommendations.

Where code considerations, such as the NEC, require extended clearances, these take precedence.

Provisions for forks have been included in the unit base frame. No other fork locations are approved.

- » Unit must be lifted by the four lifting holes located at the base frame corners.
- » Lifting cables should be attached to the unit with shackles.
- » The distance between the crane hook and the top of the unit must not be less than 60".
- » Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base



CORNER & CENTER-OF-GRAVITY LOCATIONS

frame before setting unit on roof curb. These struts are intended to protect unit base frame from fork lift damage. To remove the struts, extract the sheet metal retainers and pull the struts through the base of the unit. Refer to rigging label on the unit.

**Important:** If using bottom discharge with roof curb, ductwork should be attached to the curb prior to installing the unit. Refer to the Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual. Lower unit carefully onto roof mounting curb. While rigging the unit, the center of gravity will cause the condenser end to be lower than the supply air end. Bring condenser end of unit into alignment with the curb. With condenser end of the unit resting on curb member and using curb as a fulcrum, lower opposite end of the unit until entire unit is seated on the curb. When a rectangular cantilever curb is used, take care to center the unit. Check for proper alignment and orientation of supply and return openings with duct.

## Roof Curb Installation

The roof curb is field-assembled and must be installed level (within 1/16" per foot side to side). A sub-base must be constructed by the contractor in applications involving pitched roofs. Gaskets are furnished and must be installed between the unit and curb. For proper installation, follow NRCA guidelines. In applications requiring post and rail installation, an I-beam securely mounted on multiple posts should support the unit on each side. In addition, the insulation on the underside of the unit should be protected from the elements. Applications in geographic areas subjected to seismic or hurricane conditions must meet code requirements for fastening the unit to the curb and the curb to the building structure. For further and more detailed information please refer to our Daikin Light Commercial Packaged unit IOD.

## Weights

| Model    | Shipping Weight (lbs) | Operating Weight (lbs) | Corner Weights (lbs) |     |     |     | Length X (in)                   | Width Y (in)                    |
|----------|-----------------------|------------------------|----------------------|-----|-----|-----|---------------------------------|---------------------------------|
|          |                       |                        | A                    | B   | C   | D   |                                 |                                 |
| DHC0903D | 1215                  | 1155                   | 222                  | 376 | 328 | 229 | 44 <sup>7</sup> / <sub>8</sub>  | 28 <sup>3</sup> / <sub>8</sub>  |
| DHC1023D | 1234                  | 1176                   | 298                  | 307 | 264 | 307 | 45 <sup>1</sup> / <sub>10</sub> | 28 <sup>3</sup> / <sub>8</sub>  |
| DHC1203D | 1252                  | 1195                   | 268                  | 355 | 295 | 277 | 44 <sup>1</sup> / <sub>2</sub>  | 28 <sup>3</sup> / <sub>10</sub> |
| DHC1503D | 1277                  | 1218                   | 281                  | 343 | 311 | 283 | 45                              | 28 <sup>3</sup> / <sub>8</sub>  |

For details on accessories refer to document **PM-LC-ACCESSORIES**



## Notes

## Notes

[illegible]

Our continuing commitment to quality products may mean a change in specifications without notice.  
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