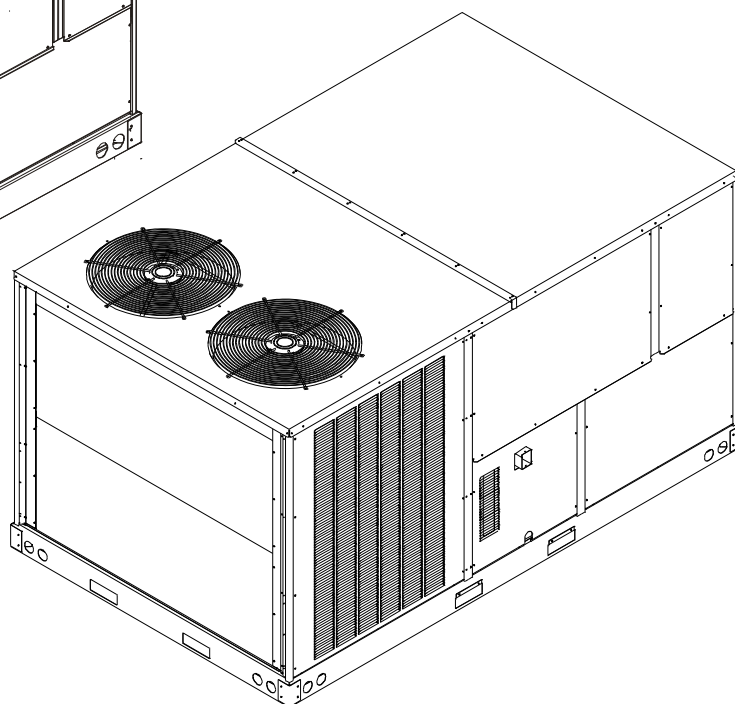
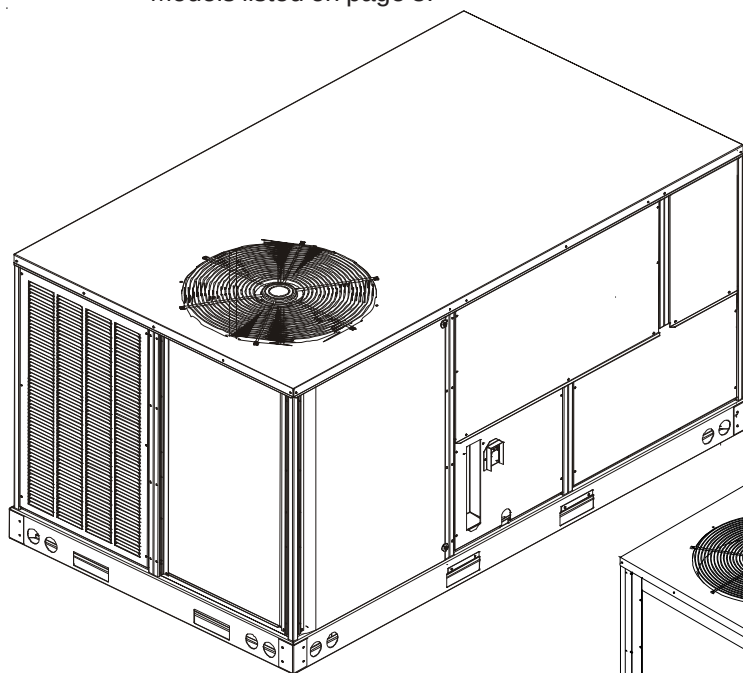


# **Goodman<sup>®</sup> TECHNICAL MANUAL**

## **CPG Package Gas Units 460 Volt 3-Phase, Multi-Position 3, 4, 5, 7.5, 8.5, 10 & 12.5 Tons with R410A**

- Refer to Service Manual RS6412000 for installation, operation, and troubleshooting information.
- All safety information must be followed as provided in the Service Manual.
- Refer to the appropriate Parts Catalog for part number information.
- Models listed on page 3.



**- A\* REVISION -**

This manual is to be used by qualified, professionally trained HVAC technicians only. Goodman does not assume any responsibility for property damage or personal injury due to improper service procedures performed by an unqualified person.

RT6412002r12  
July 2011

| CPC/CPH (Factory-Installed Electric Heat) |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
|-------------------------------------------|--------------------------------------------|---|---|---|-----|-----|---|---|---|---|---|---|---|
| Brand                                     | C                                          | 1 | P | C | 072 | 015 | 3 | B | X | X | X | X | X |
|                                           |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| C                                         | Commercial                                 |   |   |   |     |     |   |   |   |   |   |   |   |
| Configuration                             |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| P                                         | Packaged Unit                              |   |   |   |     |     |   |   |   |   |   |   |   |
| Application                               |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| C                                         | Cooling                                    |   |   |   |     |     |   |   |   |   |   |   |   |
| G                                         | Gas Heat                                   |   |   |   |     |     |   |   |   |   |   |   |   |
| H                                         | Heat Pump                                  |   |   |   |     |     |   |   |   |   |   |   |   |
| Nominal Gross Cooling Capacity            |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| 036                                       | 3 Tons                                     |   |   |   |     |     |   |   |   |   |   |   |   |
| 048                                       | 4 Tons                                     |   |   |   |     |     |   |   |   |   |   |   |   |
| 060                                       | 5 Tons                                     |   |   |   |     |     |   |   |   |   |   |   |   |
| 072                                       | 6 Tons                                     |   |   |   |     |     |   |   |   |   |   |   |   |
| 090                                       | 7½ Tons                                    |   |   |   |     |     |   |   |   |   |   |   |   |
| Nominal Heating Capacity                  |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| 045                                       | 45,000 BTU/h                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 070                                       | 70,000 BTU/h                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 090                                       | 90,000 BTU/h                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 115                                       | 115,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 140                                       | 140,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 210                                       | 210,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 350                                       | 350,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 400                                       | 400,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| Voltage                                   |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| 1                                         | 208V 1-Phase                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 2                                         | 220/240V 1-Phase 50 Hz                     |   |   |   |     |     |   |   |   |   |   |   |   |
| 3                                         | 208v 3-Phase                               |   |   |   |     |     |   |   |   |   |   |   |   |
| CPC/CPH (Factory-Installed Electric Heat) |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| 045                                       | 45,000 BTU/h                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 070                                       | 70,000 BTU/h                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 090                                       | 90,000 BTU/h                               |   |   |   |     |     |   |   |   |   |   |   |   |
| 115                                       | 115,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 140                                       | 140,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 210                                       | 210,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 350                                       | 350,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| 400                                       | 400,000 BTU/h                              |   |   |   |     |     |   |   |   |   |   |   |   |
| Factory-Installed Options                 |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| X                                         | No Options                                 |   |   |   |     |     |   |   |   |   |   |   |   |
| A                                         | Non-powered convenience outlet             |   |   |   |     |     |   |   |   |   |   |   |   |
| B                                         | Powered convenience outlet                 |   |   |   |     |     |   |   |   |   |   |   |   |
| C                                         | Low Ambient Kit                            |   |   |   |     |     |   |   |   |   |   |   |   |
| F                                         | Non-powered convenience outlet;            |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Low Ambient Kit                            |   |   |   |     |     |   |   |   |   |   |   |   |
| M                                         | Powered convenience outlet;                |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Low Ambient Kit                            |   |   |   |     |     |   |   |   |   |   |   |   |
| Factory-Installed Options                 |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| X                                         | Standard Aluminized Heat Exchanger         |   |   |   |     |     |   |   |   |   |   |   |   |
| A                                         | Condenser Coil Hail Guard                  |   |   |   |     |     |   |   |   |   |   |   |   |
| B                                         | Condenser Coil Hail Guard                  |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Treated Condenser Coil (UltraGold)         |   |   |   |     |     |   |   |   |   |   |   |   |
| C                                         | Condenser Coil Hail Guard                  |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Stainless Steel Heat Exchanger             |   |   |   |     |     |   |   |   |   |   |   |   |
| D                                         | Condenser Coil Hail Guard                  |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Treated Condenser Coil (UltraGold)         |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Stainless Steel Heat Exchanger             |   |   |   |     |     |   |   |   |   |   |   |   |
| J                                         | Treated Condenser Coil (UltraGold)         |   |   |   |     |     |   |   |   |   |   |   |   |
| S                                         | Stainless Steel Heat Exchanger             |   |   |   |     |     |   |   |   |   |   |   |   |
| T                                         | Treated Condenser Coil (UltraGold)         |   |   |   |     |     |   |   |   |   |   |   |   |
|                                           | Stainless Steel Heat Exchanger             |   |   |   |     |     |   |   |   |   |   |   |   |
| Factory-Installed Options                 |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| X                                         | No Options                                 |   |   |   |     |     |   |   |   |   |   |   |   |
| A                                         | Downflow Economizer                        |   |   |   |     |     |   |   |   |   |   |   |   |
| Supply Fan/Drive Type/Motors              |                                            |   |   |   |     |     |   |   |   |   |   |   |   |
| B                                         | Belt Drive                                 |   |   |   |     |     |   |   |   |   |   |   |   |
| D                                         | Direct Drive                               |   |   |   |     |     |   |   |   |   |   |   |   |
| H                                         | High-Static Belt Drive (Factory-Installed) |   |   |   |     |     |   |   |   |   |   |   |   |

# PRODUCT IDENTIFICATION

The model number is used for positive identification of component parts used in manufacturing. Please use this number when requesting service or parts information. *NOTE: All unit combinations are not listed below. Models where performance does not change are not listed individually.*

CPG0360704BXXX

CPG0361054BXXX

CPG0480704BXXX

CPG0481054BXXX

CPG0600704BXXX

CPG0601404BXXX

CPG0902104BXXX

CPG1022104BX\*X

CPG1202104BXXX

CPG1202104BX\*X

CPG1502104BXXX

CPG0902104HXXX

CPG1202104HXXX



## 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.



## WARNING

Goodman will not be responsible for any injury or property damage arising from improper service or service procedures. If you install or perform service on this unit, you assume responsibility for any personal injury or property damage which may result. Many jurisdictions require a license to install or service heating and air conditioning equipment.



## WARNING

Installation and repair of this unit should be performed ONLY by individuals meeting (at a minimum) the requirements of an "entry level technician" as specified by the Air-Conditioning, Heating, and Refrigeration Institute (AHRI). Attempting to install or repair this unit without such background may result in product damage, personal injury or death.



## WARNING

The United States Environmental Protection Agency ("EPA") has issued various regulations regarding the introduction and disposal of refrigerants introduced into this unit. Failure to follow these regulations may harm the environment and can lead to the imposition of substantial fines. These regulations may vary by jurisdiction. Should questions arise, contact your local EPA office.



## WARNING

Do not connect or use any device that is not design certified by Goodman for use with this unit. Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices.



## WARNING

To prevent the risk of property damage, personal injury, or death, do not store combustible materials or use gasoline or other flammable liquids or vapors in the vicinity of this appliance.

# PRODUCT DESIGN

CPG Light Commercial Package Gas Units are designed for outdoor installations only, primarily in light commercial applications and are available in 208-230 volt single phase, 208-230 volt three phase, 460 volt three phase and 575 volt three phase in 3 thru 5 ton sizes with 1 compressor and 7.5, 8.5, 10 and 12.5 tons with 2 compressors.

The connecting ductwork (Supply and Return) can be connected for either horizontal or vertical airflow. In the vertical application, a matching Roof Curb is recommended.

Filters are factory supplied in the return air compartment upstream from the indoor coil. The minimum filter area should not be less than those sizes listed in the Specification Section. Under no circumstances should the unit be operated without return air filters.

A 3/4" pipe is provided for removal of condensate water from the indoor coil. (Do not reduce the drain line size).

Refrigerant flow control is achieved by use of flowrator.

CPG13 units use the Fastest Access Fitting System which consists of a saddle that is either soldered to the suction and liquid lines or is fastened with a locking nut to the access fitting box (core) and then screwed into the saddle. **NOTE: The core must not be removed from the saddle until the refrigerant charge has been removed. Failure to do so could result in property damage or personal injury.**

CPG\*\*\*XXX\*B units have 3-phase belt drive indoor blower motors that are energized through the blower motor contactor.

Air for condensing (cooling cycle) is drawn through the outdoor coil by a propeller fan, and is discharged vertically out the top of the unit. The outdoor coil is designed for .0 static. No additional restriction (ductwork) shall be applied.

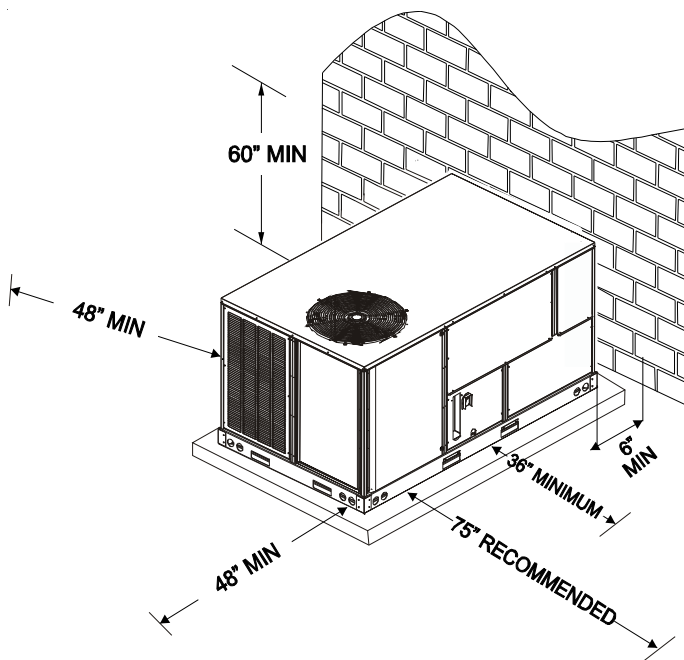
Conditioned air is drawn through the filters, across the coil and back into the conditioned space by the indoor blower.

The CPG series package units use the Compliant Scroll compressor; there are a number of design characteristics which are different from the traditional reciprocating compressor.

- Due to their design Scroll compressors are inherently more tolerant of liquid refrigerant. **NOTE:** Even though the compressor section of a Scroll compressor is more tolerant of liquid refrigerant, continued flood back or flooded start conditions may wash oil from the bearing surfaces causing premature bearing failure.
- These Scroll compressors use "POE" or polyolester oil which is NOT compatible with mineral oil based lubricants like 3GS. "POE" oil must be used if additional oil is required.
- Compliant scroll compressors perform "quiet" shutdowns that allow the compressor to restart immediately without the need for a time delay. This compressor will restart even if the system has not equalized.

- Operating pressures and amp draws may differ from standard reciprocating compressors. This information may be found in the "Cooling Performance Data" section.

## Location and Clearances

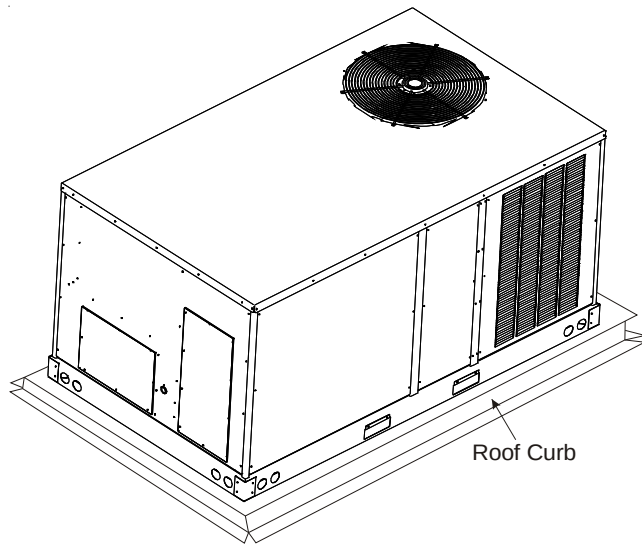


## Outside Slab - Multi-positional

**NOTE:** A clearance of 48" is recommended on all sides of the unit and 75" total clearance is recommended on the main control panel side to facilitate possible fan shaft, coil, electric heat and gas furnace removal. See figure above.

Roof overhang should be no more than 36" and provisions made to deflect the warm discharge air out from the overhang. Minimum clearances are required to avoid air recirculation and keep the unit operating at peak efficiency.

# PRODUCT DESIGN



## CAUTION

If units are lifted two at a time, the fork holes on the condenser end of the unit must NOT be used. Minimum fork length is **42"** to prevent damage to the unit; however, **48"** is recommended.

| DATA                  | CPG Weights (lbs) |     |     |
|-----------------------|-------------------|-----|-----|
|                       | 036               | 048 | 060 |
| Corn Weight - A       | 178               | 179 | 188 |
| Corn Weight - B       | 183               | 184 | 187 |
| Corn Weight - C       | 148               | 149 | 153 |
| Corn Weight - D       | 151               | 153 | 155 |
| Unit Shipping Weight  | 680               | 685 | 700 |
| Unit Operating Weight | 660               | 665 | 680 |

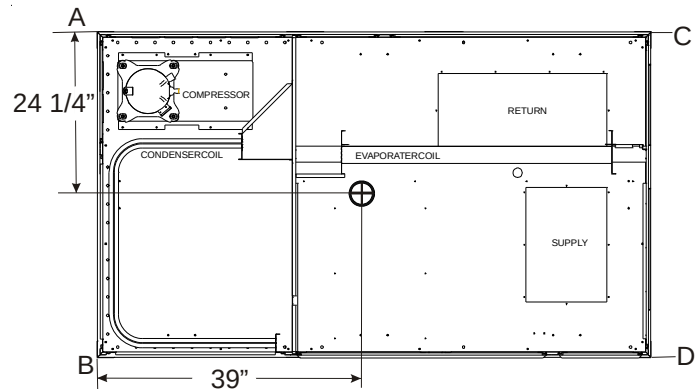
## Rooftop Installation - Multi-positional

In installations where the unit is installed above ground level and not serviceable from the ground (Example: Roof Top installations) the installer must provide service platform for service person with rails or guards in accordance with local codes or ordinances or in their absence with the latest edition of the National Fuel Gas Code ANSI Z223.1.

**NOTE:** Unit can also use roof curb (and platform for leveling, where necessary) to utilize bottom discharge.

## WARNING

To prevent possible property damage, the unit should remain in an upright position during all rigging and moving operations. To facilitate lifting and moving if a crane is used, place the unit in an adequate cable sling.



**CENTER OF GRAVITY - 3 - 5 TONS**

**IMPORTANT:** If using bottom discharge with roof curb, ductwork should be attached to the curb prior to installing the unit.

Refer to Roof Curb Installation Instructions for proper curb installation. Curbing must be installed in compliance with the National Roofing Contractors Association Manual.

## Corner & Center of Gravity Locations

### NOTES:

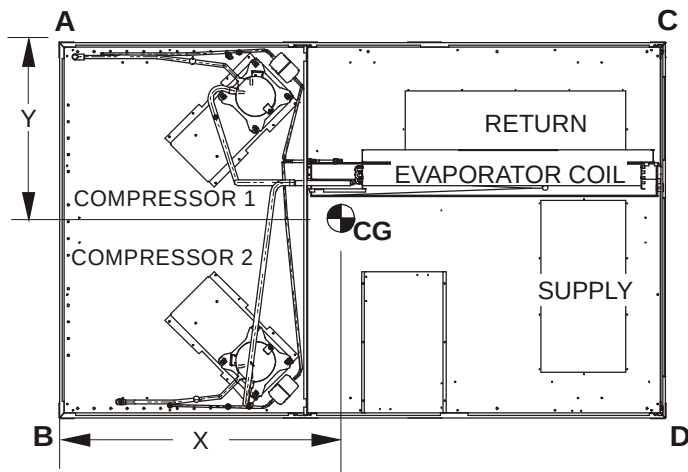
1. Weights are for basic gas unit; no options.
2. Center of gravity's weight are for gas units without options.

Provisions for forks have been included in the unit base frame on three sides. If unit is moved by forklift, no other fork locations are approved.

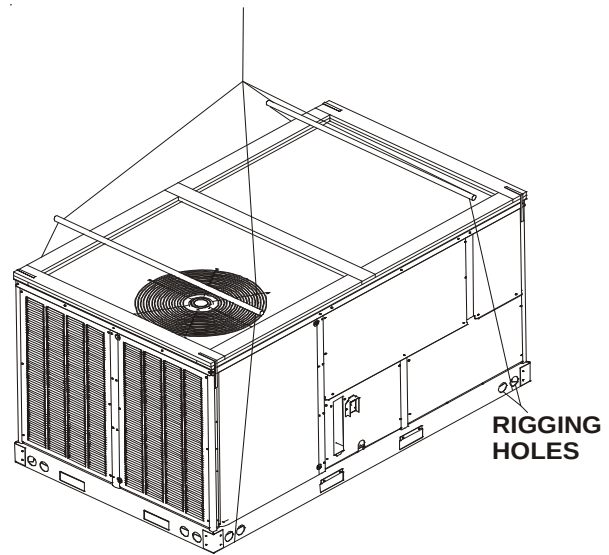
# PRODUCT DESIGN

| DATA                  | CPG Weights (lbs) |      |      |
|-----------------------|-------------------|------|------|
|                       | 090/102           | 120  | 150  |
| Comer Weight - A      | 195               | 230  | 335  |
| Comer Weight - B      | 270               | 330  | 390  |
| Comer Weight - C      | 240               | 280  | 295  |
| Comer Weight - D      | 330               | 405  | 345  |
| Unit Shipping Weight  | 1055              | 1275 | 1390 |
| Unit Operating Weight | 1030              | 1235 | 1365 |
| X (Inches)            | 55                | 55   | 47   |
| Y (Inches)            | 36                | 36   | 33.5 |

## Rigging Information



**CENTER OF GRAVITY - 7.5 - 12.5 TONS**



1. Unit must be lifted by the four lifting holes located at the base frame corners.
2. Lifting cables should be attached to the unit with shackles.
3. The distance between the crane hook and the top of the unit must not be less than 60".
4. 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 frame before setting unit on roof curb. These struts are intended to protect unit base frame from forklift damage. Removal is accomplished by extracting the sheet metal retainers and pulling the struts through the base of the unit. Refer to rigging label on the unit.



To prevent severe damage to the bottom of the unit, do not forklift unit after wood struts have been removed.

# PRODUCT DESIGN

## High Altitude Derate - U.S. Installations Only

**IMPORTANT NOTE:** The gas/electric units naturally derate with altitude. Do not attempt to increase the firing rate by changing orifices or increasing the manifold pressure. This can cause poor combustion and equipment failure. At all altitudes, the manifold pressure must be within 0.3 inches W.C. of that listed on the nameplate for the fuel used. At all altitudes and with either fuel, the air temperature rise must be within the range listed on the unit nameplate. Refer to the Installation Manual provided with the LP kit for conversion from natural gas to propane gas and for altitude adjustments.

When this package unit is installed at high altitude, the appropriate High Altitude orifice kit must be installed. As altitude increases, there is a natural reduction in the density of both the gas fuel and combustion air. This kit will provide the

proper design certified input rate within the specified altitude range. High altitude kits are not approved for use in Canada. For installations above 2,000 feet, use kit HAKT36300. The HAKT36300 kit is used for both Natural and LP gas at high altitudes.

Use LPKT36150 or LPKT180300 propane conversion kit for propane conversions at altitudes below 2000 feet. Natural gas installations below 2000 feet do not require a kit.

For propane conversions above 2000 feet, high altitude kit HAKT36300 is required in addition to LPKT36150 or LPKT180300 propane conversion kit.

### NATURAL GAS AND LP GAS INSTALLATIONS AT ALTITUDES > 2000 FT.

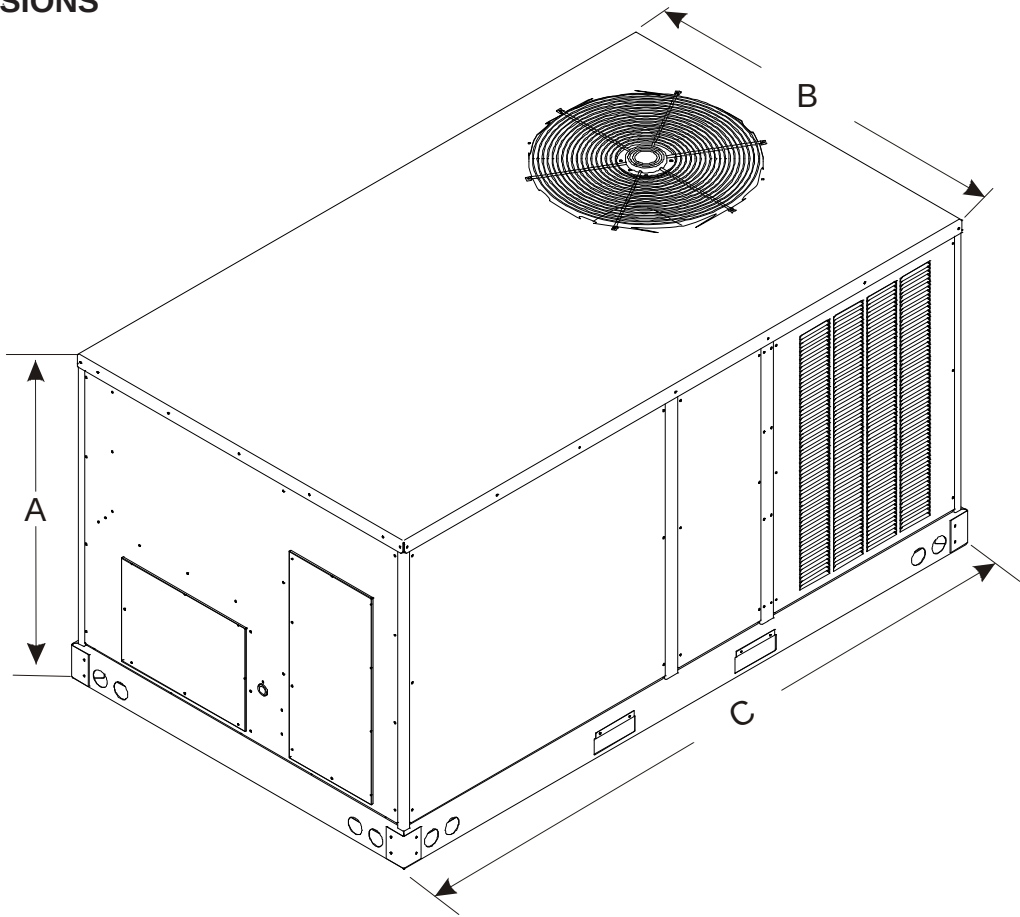
| INPUT/BURNER          | HIGH ALTITUDE KIT | 35,000 BTUH NAT/33,000 BTUH/L.P. |       |       |       |       |       |       |       |
|-----------------------|-------------------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|
|                       |                   | ELEVATION ABOVE SEA-LEVEL (FEET) |       |       |       |       |       |       |       |
|                       |                   | 2000                             | 3000  | 4000  | 4500  | 5000  | 6000  | 7000  | 8000  |
| U.S. BURNER ORIFICE   | HAKT36300         | 35/53                            | 36/53 | 36/53 | -     | 37/53 | 37/53 | 38/53 | 39/54 |
| CANADA BURNER ORIFICE | HAKT36300         | 35/53                            | -     | -     | 39/54 | -     | -     | -     | -     |

| INPUT/BURNER          | HIGH ALTITUDE KIT | 50,000 BTUH NAT/45,000 BTUH/L.P. |       |       |       |       |       |       |       |
|-----------------------|-------------------|----------------------------------|-------|-------|-------|-------|-------|-------|-------|
|                       |                   | ELEVATION ABOVE SEA-LEVEL (FEET) |       |       |       |       |       |       |       |
|                       |                   | 2000                             | 3000  | 4000  | 4500  | 5000  | 6000  | 7000  | 8000  |
| U.S. BURNER ORIFICE   | HAKT36300         | 29/48                            | 30/48 | 30/49 | -     | 30/49 | 30/49 | 31/50 | 31/50 |
| CANADA BURNER ORIFICE | HAKT36300         | 29/48                            | -     | -     | 31/50 | -     | -     | -     | -     |

PRODUCT DIMENSIONS

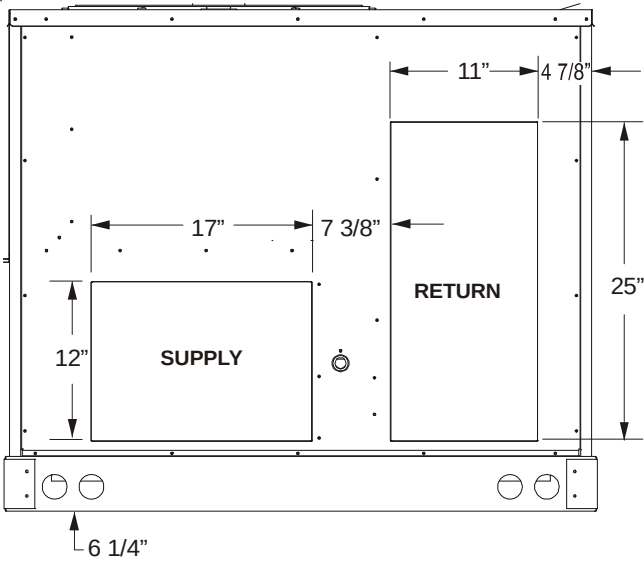
UNIT DIMENSIONS

CPG[036-060]XXX4BXXX

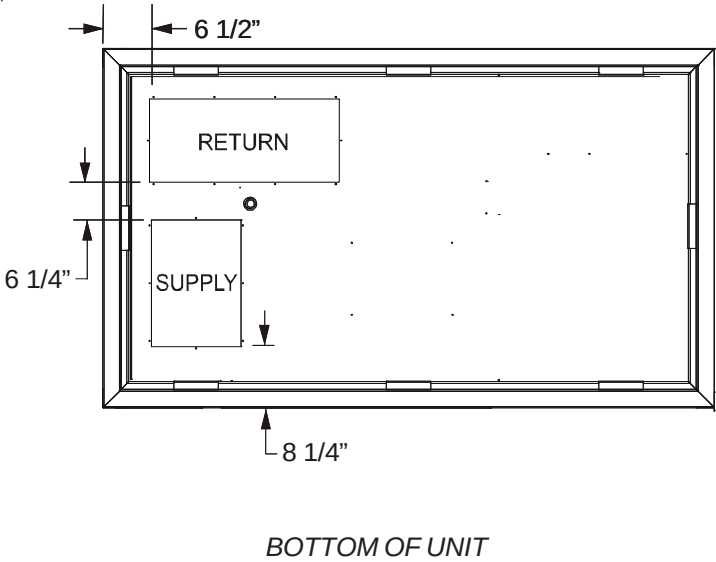


| CPG***XXX**XXX |          |         |         |         |
|----------------|----------|---------|---------|---------|
| Chassis        | Models   | A       | B       | C       |
| #1             | 3-5 Tons | 40-7/8" | 48-1/2" | 81-1/4" |

HORIZONTAL DISCHARGE



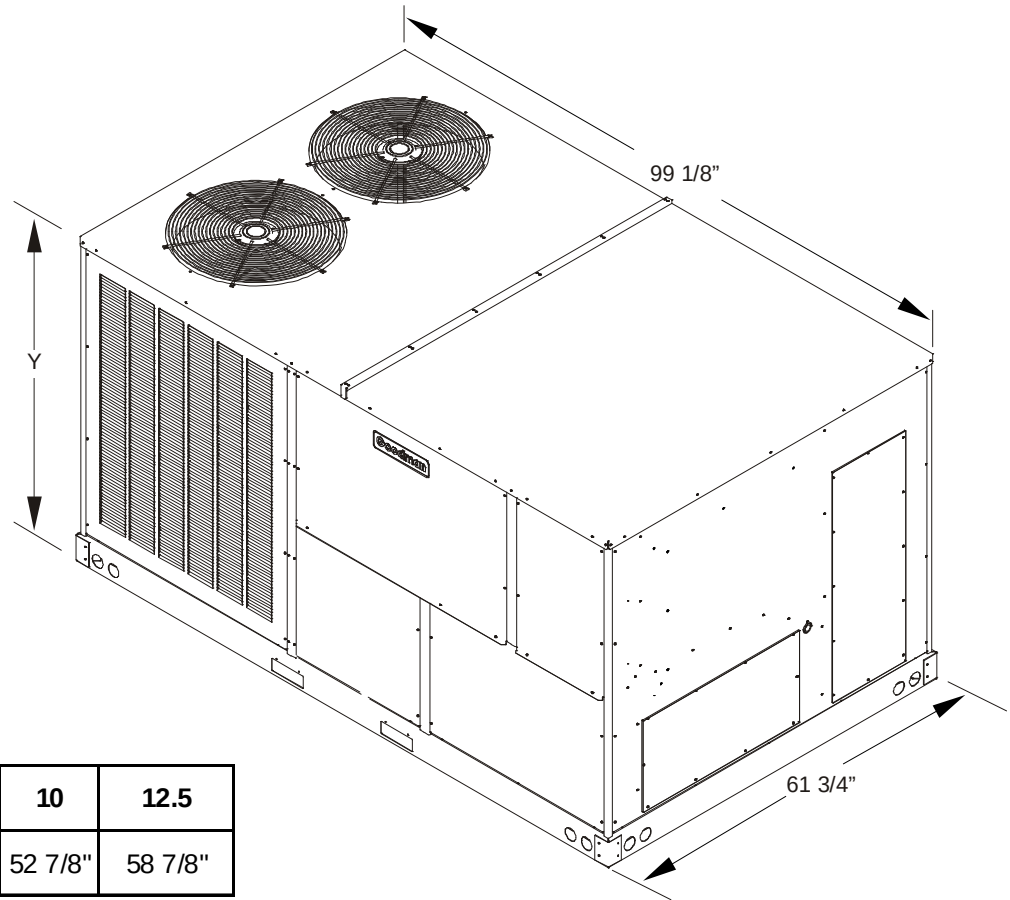
VERTICAL DISCHARGE



BOTTOM OF UNIT

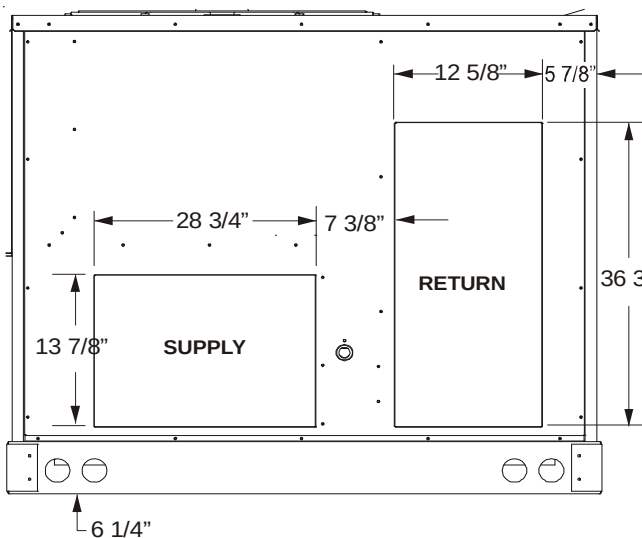
# PACKAGE GAS SPECIFICATIONS

CPG[090-150]XXX4\*X\*X

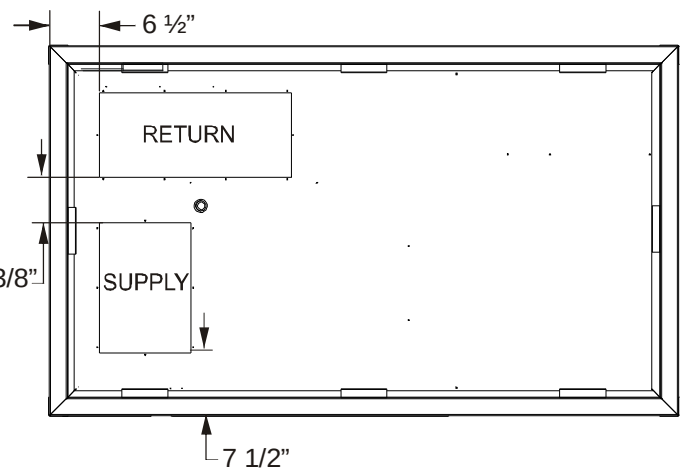


|   | 7.5     | 8.5     | 10      | 12.5    |
|---|---------|---------|---------|---------|
| Y | 52 7/8" | 52 7/8" | 52 7/8" | 58 7/8" |

## HORIZONTAL DISCHARGE



## VERTICAL DISCHARGE



BOTTOM OF UNIT

# PACKAGE GAS SPECIFICATIONS

# CPG036XXX4BXXX

|                               |                                               | CPG0360704BXXX              | CPG0361054BXXX              |
|-------------------------------|-----------------------------------------------|-----------------------------|-----------------------------|
| COOLING CAPACITY              | COOLING CAPACITY, BTUH                        | 35,000                      | 35,000                      |
|                               | SEER/EER                                      | 13/11.3                     | 13/11.3                     |
| HEATING CAPACITY              | BTUH INPUT                                    | 70,000                      | 105,000                     |
|                               | BTUH OUTPUT                                   | 56,000                      | 85,000                      |
|                               | A.F.U.E. (%)                                  | 80                          | 80                          |
|                               | TEMPERATURE RISE (°F)                         | 25 - 55                     | 40 - 70                     |
| UNIT ELECTRICAL SPECIFICATION | VOLTAGE (NAMEPLATE)                           | 460/3/60                    | 460/3/60                    |
|                               | UNIT AMPS (TOTAL)                             | 8.47                        | 8.47                        |
|                               | MINIMUM CIRCUIT AMPACITY                      | 10                          | 10                          |
|                               | MAXIMUM OVERCURRENT PROTECTION <sup>(2)</sup> | 15                          | 15                          |
| HEATING SECTION               | NUMBER OF BURNERS                             | 2                           | 3                           |
|                               | ORIFICE SIZE NATURAL                          | 34                          | 34                          |
|                               | ORIFICE SIZE LP                               | 52                          | 52                          |
|                               | PRESSURE SWITCH SETTING                       | 0.34                        | 0.34                        |
| COMPRESSOR                    | TYPE                                          | SCROLL                      | SCROLL                      |
|                               | RATED LOAD AMPS                               | 5.8                         | 5.8                         |
|                               | LOCKED ROTOR AMPS                             | 38                          | 38                          |
| CONDENSER FAN MOTOR           | HORSEPOWER                                    | 1/4                         | 1/4                         |
|                               | RPM                                           | 890                         | 890                         |
|                               | RATED LOAD AMPS                               | 0.8                         | 0.8                         |
|                               | LOCKED ROTOR AMPS                             | 1.72                        | 1.72                        |
| CONDENSER FAN                 | BLADE DIAMETER( ") / # OF BLADES              | 22/4                        | 22/4                        |
|                               | NOMINAL CFM                                   | 3,800                       | 3,800                       |
| CONDENSER COIL                | FACE AREA - SQ. FT.                           | 18                          | 18                          |
|                               | NUMBER OF ROWS                                | 1                           | 1                           |
|                               | FINS PER INCH                                 | 22                          | 22                          |
| EVAPORATOR BLOWER MOTOR       | HORSEPOWER - TYPE                             | 1.0 - STD STATIC BELT DRIVE | 1.0 - STD STATIC BELT DRIVE |
|                               | NO. OF SPEEDS                                 | 1                           | 1                           |
|                               | RATED LOAD AMPS                               | 1.9                         | 1.9                         |
|                               | LOCKED ROTOR AMPS                             | 10.9                        | 10.9                        |
|                               | MOTOR SPEED TAP - COOLING                     | ---                         | ---                         |
|                               | RPM                                           | 1725                        | 1725                        |
| EVAPORATOR BLOWER             | DIAMETER X WIDTH (INCHES)                     | 11 X 10                     | 11 X 10                     |
|                               | RATED SCFM COOLING                            | 1200                        | 1200                        |
|                               | MAX EXTERNAL STATIC PRESS ("w.c.)             | 0.7                         | 0.7                         |
| EVAPORATOR COIL               | FACE AREA - SQ. FT.                           | 5.4                         | 5.4                         |
|                               | NUMBER OF ROWS                                | 3                           | 3                           |
|                               | FINS PER INCH                                 | 16                          | 16                          |
| HEATING LIMITS                | PRIMARY LIMIT SETTING (°F)                    | 200                         | 200                         |
|                               | AUXILIARY LIMIT SETTING (°F)                  | 160                         | 160                         |
|                               | ROLLOUT LIMIT SETTING (°F)                    | 350                         | 350                         |
| GENERAL INFORMATION           | FILTER SIZE                                   | (4) 14 X 20 x 2             | (4) 14 X 20 x 2             |
|                               | DRAIN SIZE (INCHES)                           | 3/4"                        | 3/4"                        |
|                               | EXPANSION DEVICE                              | ORIFICE (0.068)             | ORIFICE (0.068)             |
|                               | REFRIGERANT CHARGE R-410A (Oz.)               | 90                          | 90                          |
|                               | POWER SUPPLY ENTRANCE SIZE (INCHES)           | LOCATING DIMPLE             | LOCATING DIMPLE             |
|                               | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | LOCATING DIMPLE             | LOCATING DIMPLE             |
|                               | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       | 22/50                       |
|                               | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         | 660                         |
|                               | SHIPPING WEIGHT LBS.                          | 680                         | 680                         |
|                               | OPERATING WEIGHT LBS.                         | 660                         | 660                         |

(1) Units installed in Canada are certified only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

# PACKAGE GAS SPECIFICATIONS

# CPG048XXX4BXXX

|                                      |                                               | CPG0480704BXXX              | CPG0481054BXXX              |
|--------------------------------------|-----------------------------------------------|-----------------------------|-----------------------------|
| <b>COOLING CAPACITY</b>              | COOLING CAPACITY, BTUH                        | 46,000                      | 46,000                      |
|                                      | SEER/EER                                      | 13/11.3                     | 13/11.3                     |
| <b>HEATING CAPACITY</b>              | BTUH INPUT                                    | 70,000                      | 105,000                     |
|                                      | BTUH OUTPUT                                   | 56,000                      | 84,000                      |
|                                      | A.F.U.E. (%)                                  | 80                          | 80                          |
|                                      | TEMPERATURE RISE (°F)                         | 25 - 55                     | 25 - 55                     |
| <b>UNIT ELECTRICAL SPECIFICATION</b> | VOLTAGE (NAMEPLATE)                           | 460/3/60                    | 460/3/60                    |
|                                      | UNIT AMPS (TOTAL)                             | 8.8                         | 8.8                         |
|                                      | MINIMUM CIRCUIT AMPACITY                      | 10                          | 10                          |
|                                      | MAXIMUM OVERCURRENT PROTECTION <sup>(2)</sup> | 15                          | 15                          |
| <b>HEATING SECTION</b>               | NUMBER OF BURNERS                             | 2                           | 3                           |
|                                      | ORIFICE SIZE NATURAL                          | 34                          | 34                          |
|                                      | ORIFICE SIZE LP                               | 52                          | 52                          |
|                                      | PRESSURE SWITCH SETTING                       | 0.34                        | 0.34                        |
| <b>COMPRESSOR</b>                    | TYPE                                          | SCROLL                      | SCROLL                      |
|                                      | RATED LOAD AMPS                               | 6.1                         | 6.1                         |
|                                      | LOCKED ROTOR AMPS                             | 41                          | 41                          |
| <b>CONDENSER FAN MOTOR</b>           | HORSEPOWER                                    | 1/4                         | 1/4                         |
|                                      | RPM                                           | 890                         | 890                         |
|                                      | RATED LOAD AMPS                               | 0.80                        | 0.80                        |
|                                      | LOCKED ROTOR AMPS                             | 1.72                        | 1.72                        |
| <b>CONDENSER FAN</b>                 | BLADE DIAMETER( ") / # OF BLADES              | 22/4                        | 22/4                        |
|                                      | NOMINAL CFM                                   | 3,800                       | 3,800                       |
| <b>CONDENSER COIL</b>                | FACE AREA - SQ. FT.                           | 18                          | 18                          |
|                                      | NUMBER OF ROWS                                | 1                           | 1                           |
|                                      | FINS PER INCH                                 | 22                          | 22                          |
| <b>EVAPORATOR BLOWER MOTOR</b>       | HORSEPOWER - TYPE                             | 1.0 - STD STATIC BELT DRIVE | 1.0 - STD STATIC BELT DRIVE |
|                                      | NO. OF SPEEDS                                 | PSC - 3                     | PSC - 3                     |
|                                      | RATED LOAD AMPS                               | 1.9                         | 1.9                         |
|                                      | LOCKED ROTOR AMPS                             | 10.9                        | 10.9                        |
|                                      | MOTOR SPEED TAP - COOLING                     | --                          | --                          |
|                                      | RPM                                           | 1725                        | 1725                        |
| <b>EVAPORATOR BLOWER</b>             | DIAMETER X WIDTH (INCHES)                     | 10 X 9                      | 10 X 9                      |
|                                      | RATED SCFM COOLING                            | 1600                        | 1600                        |
|                                      | MAX EXTERNAL STATIC PRESS ("w.c.)             | 0.8                         | 0.8                         |
| <b>EVAPORATOR COIL</b>               | FACE AREA - SQ. FT.                           | 7.8                         | 7.8                         |
|                                      | NUMBER OF ROWS                                | 4                           | 4                           |
|                                      | FINS PER INCH                                 | 16                          | 16                          |
| <b>HEATING LIMITS</b>                | PRIMARY LIMIT SETTING (°F)                    | 200                         | 200                         |
|                                      | AUXILIARY LIMIT SETTING (°F)                  | 160                         | 160                         |
|                                      | ROLLOUT LIMIT SETTING (°F)                    | 350                         | 350                         |
| <b>GENERAL INFORMATION</b>           | FILTER SIZE                                   | (4) 14 X 20 x 2             | (4) 14 X 20 x 2             |
|                                      | DRAIN SIZE (INCHES)                           | 3/4"                        | 3/4"                        |
|                                      | EXPANSION DEVICE                              | Orifice (0.076)             | Orifice (0.076)             |
|                                      | REFRIGERANT CHARGE R-410A (Oz.)               | 110                         | 110                         |
|                                      | POWER SUPPLY ENTRANCE SIZE (INCHES)           | Locating Dimple             | Locating Dimple             |
|                                      | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | Locating Dimple             | Locating Dimple             |
|                                      | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       | 22/50                       |
|                                      | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         | 660                         |
|                                      | SHIPPING WEIGHT LBS.                          | 685                         | 685                         |
|                                      | OPERATING WEIGHT LBS.                         | 665                         | 665                         |

(1) Units installed in Canada are certified only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

# PACKAGE GAS SPECIFICATIONS

# CPG060XXX4BXXX

|                               |                                               | CPG0600704BXXX              | CPG0601404BXXX              |
|-------------------------------|-----------------------------------------------|-----------------------------|-----------------------------|
| COOLING CAPACITY              | COOLING CAPACITY, BTUH                        | 59,500                      | 59,500                      |
|                               | SEER/EER                                      | 13/11.3                     | 13/11.3                     |
| HEATING CAPACITY              | BTUH INPUT                                    | 70,000                      | 140,000                     |
|                               | BTUH OUTPUT                                   | 56,000                      | 112,000                     |
|                               | A.F.U.E. (%)                                  | 80                          | 80                          |
|                               | TEMPERATURE RISE (°F)                         | 30 - 60                     | 35 - 65                     |
| UNIT ELECTRICAL SPECIFICATION | VOLTAGE (NAMEPLATE)                           | 460/3/60                    | 460/3/60                    |
|                               | UNIT AMPS (TOTAL)                             | 10.5                        | 10.5                        |
|                               | MINIMUM CIRCUIT AMPACITY                      | 12                          | 12                          |
|                               | MAXIMUM OVERCURRENT PROTECTION <sup>(2)</sup> | 20                          | 20                          |
| HEATING SECTION               | NUMBER OF BURNERS                             | 2                           | 4                           |
|                               | ORIFICE SIZE NATURAL                          | 34                          | 34                          |
|                               | ORIFICE SIZE LP                               | 52                          | 52                          |
|                               | PRESSURE SWITCH SETTING                       | 0.34                        | 0.34                        |
| COMPRESSOR                    | TYPE                                          | SCROLL                      | SCROLL                      |
|                               | RATED LOAD AMPS                               | 7.8                         | 7.8                         |
|                               | LOCKED ROTOR AMPS                             | 52                          | 52                          |
| CONDENSER FAN MOTOR           | HORSEPOWER                                    | 1/4                         | 1/4                         |
|                               | RPM                                           | 890                         | 890                         |
|                               | RATED LOAD AMPS                               | 0.8                         | 0.8                         |
|                               | LOCKED ROTOR AMPS                             | 1.72                        | 1.72                        |
| CONDENSER FAN                 | BLADE DIAMETER( ") / # OF BLADES              | 22/4                        | 22/4                        |
|                               | NOMINAL CFM                                   | 3,800                       | 3,800                       |
| CONDENSER COIL                | FACE AREA - SQ. FT.                           | 17.5                        | 17.5                        |
|                               | NUMBER OF ROWS                                | 2                           | 2                           |
|                               | FINS PER INCH                                 | 18                          | 18                          |
| EVAPORATOR BLOWER MOTOR       | HORSEPOWER - TYPE                             | 1.0 - STD STATIC BELT DRIVE | 1.0 - STD STATIC BELT DRIVE |
|                               | NO. OF SPEEDS                                 | 1                           | 1                           |
|                               | RATED LOAD AMPS                               | 1.9                         | 1.9                         |
|                               | LOCKED ROTOR AMPS                             | 12                          | 12                          |
|                               | MOTOR SPEED TAP - COOLING                     | 10.9                        | 10.9                        |
|                               | RPM                                           | 1725                        | 1725                        |
| EVAPORATOR BLOWER             | DIAMETER X WIDTH (INCHES)                     | 11 X 10                     | 11 X 10                     |
|                               | RATED SCFM COOLING                            | 2000                        | 2000                        |
|                               | MAX EXTERNAL STATIC PRESS ("w.c.)             | 1.0                         | 1.0                         |
| EVAPORATOR COIL               | FACE AREA - SQ. FT.                           | 7.8                         | 7.8                         |
|                               | NUMBER OF ROWS                                | 4                           | 4                           |
|                               | FINS PER INCH                                 | 16                          | 16                          |
| HEATING LIMITS                | PRIMARY LIMIT SETTING (°F)                    | 200                         | 200                         |
|                               | AUXILIARY LIMIT SETTING (°F)                  | 160                         | 160                         |
|                               | ROLLOUT LIMIT SETTING (°F)                    | 350                         | 350                         |
| GENERAL INFORMATION           | FILTER SIZE                                   | (4) 14 X 20 x 2             | (4) 14 X 20 x 2             |
|                               | DRAIN SIZE (INCHES)                           | 3/4"                        | 3/4"                        |
|                               | EXPANSION DEVICE                              | ORIFICE (0.082)             | ORIFICE (0.082)             |
|                               | REFRIGERANT CHARGE R-410A (Oz.)               | 165                         | 165                         |
|                               | POWER SUPPLY ENTRANCE SIZE (INCHES)           | LOCATING DIMPLE             | LOCATING DIMPLE             |
|                               | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | LOCATING DIMPLE             | LOCATING DIMPLE             |
|                               | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       | 22/50                       |
|                               | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         | 660                         |
|                               | SHIPPING WEIGHT LBS.                          | 700                         | 700                         |
|                               | OPERATING WEIGHT LBS.                         | 680                         | 680                         |

(1) Units installed in Canada are certified only to 4500 feet.

(2) Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes.

# PACKAGE GAS SPECIFICATIONS

# CPG090XXX4\*XXX

|                                     |                                               | CPG0902104BXXX              | CPG0902104HXXX             |
|-------------------------------------|-----------------------------------------------|-----------------------------|----------------------------|
| COOLING<br>CAPACITY                 | COOLING CAPACITY, BTUH                        | 90,000                      | 90,000                     |
|                                     | EER                                           | 11.5                        | 11.5                       |
| HEATING<br>CAPACITY                 | HEATING INPUT                                 | 210,000                     | 210,000                    |
|                                     | HEATING OUTPUT                                | 168,000                     | 168,000                    |
|                                     | STEADY STATE EFFICIENCY                       | 80                          | 80                         |
|                                     | TEMPERATURE RISE (°F)                         | 35 - 65                     | 35 - 65                    |
| UNIT<br>ELECTRICAL<br>SPECIFICATION | VOLTAGE (NAMEPLATE)                           | 460/3/60                    | 460/3/60                   |
|                                     | UNIT AMPS (TOTAL)                             | 16.3                        | 17.7                       |
|                                     | MINIMUM CIRCUIT AMPACITY                      | 18                          | 19                         |
|                                     | MAXIMUM OVERCURRENT PROTECTION <sup>(1)</sup> | 20                          | 25                         |
| HEATING<br>SECTION                  | NUMBER OF BURNERS                             | 6                           | 6                          |
|                                     | ORIFICE SIZE NATURAL                          | 34                          | 34                         |
|                                     | ORIFICE SIZE LP                               | 52                          | 52                         |
|                                     | PRESSURE SWITCH SETTING                       | 0.34                        | 0.34                       |
| COMPRESSOR                          | TYPE                                          | SCROLL                      | SCROLL                     |
|                                     | RATED LOAD AMPS                               | 6.1                         | 6.1                        |
|                                     | LOCKED ROTOR AMPS                             | 41                          | 41                         |
| CONDENSER<br>FAN MOTOR              | QUANTITY OF CONDENSER FAN MOTORS              | 2                           | 2                          |
|                                     | HORSEPOWER                                    | 1/4                         | 1/4                        |
|                                     | RPM                                           | 890                         | 890                        |
|                                     | RATED LOAD AMPS                               | 0.8                         | 0.8                        |
|                                     | LOCKED ROTOR AMPS                             | 1.72                        | 1.72                       |
| CONDENSER<br>FAN                    | BLADE DIAMETER( ") / # OF BLADES              | 22/4                        | 22/4                       |
|                                     | NOMINAL CFM                                   | 7,600                       | 7,600                      |
| CONDENSER<br>COIL                   | FACE AREA - SQ. FT.                           | 32.4                        | 32.4                       |
|                                     | NUMBER OF ROWS                                | 2/2                         | 2/2                        |
|                                     | FINS PER INCH                                 | 20                          | 20                         |
| EVAPORATOR<br>BLOWER<br>MOTOR       | HORSEPOWER - TYPE - STANDARD                  | 1.5 - STD STATIC BELT DRIVE | 2.0 - HI STATIC BELT DRIVE |
|                                     | NO. OF SPEEDS                                 | 1                           | 1                          |
|                                     | FULL LOAD AMPS                                | 2.5                         | 3.9                        |
|                                     | LOCKED ROTOR AMPS                             | 18                          | 40                         |
|                                     | MOTOR SPEED TAP - COOLING                     | ---                         | ---                        |
|                                     | RPM                                           | 1725                        | 1725                       |
| EVAPORATOR<br>BLOWER                | DIAMETER X WIDTH (INCHES)                     | 15X12                       | 15X12                      |
|                                     | RATED SCFM COOLING                            | 3000                        | 3000                       |
|                                     | MAX EXTERNAL STATIC PRESS ("w.c.)             | 1.0                         | 2.0                        |
| EVAPORATOR<br>COIL                  | FACE AREA - SQ. FT.                           | 10.2                        | 10.2                       |
|                                     | NUMBER OF ROWS                                | 4                           | 4                          |
|                                     | FINS PER INCH                                 | 16                          | 16                         |
| HEATING<br>LIMITS                   | PRIMARY LIMIT SETTING (°F)                    | 200                         | 200                        |
|                                     | AUXILIARY LIMIT SETTING (°F)                  | 160                         | 160                        |
|                                     | ROLLOUT LIMIT SETTING (°F)                    | 350                         | 350                        |
| GENERAL<br>INFORMATION              | FILTER SIZE                                   | (4) 16 X 24 x 2             | (4) 16 X 24 x 2            |
|                                     | DRAIN SIZE (INCHES)                           | 3/4"                        | 3/4"                       |
|                                     | EXPANSION DEVICE                              | Orifice (0.076)             | Orifice (0.076)            |
|                                     | REFRIGERANT CHARGE R-410A (Oz.) CIR #1        | 215                         | 215                        |
|                                     | REFRIGERANT CHARGE R-410A (Oz.) CIR #2        | 215                         | 215                        |
|                                     | POWER SUPPLY ENTRANCE SIZE (INCHES)           | Locating Dimple             | Locating Dimple            |
|                                     | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | Locating Dimple             | Locating Dimple            |
|                                     | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       | 22/50                      |
|                                     | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         | 660                        |
|                                     | SHIPPING WEIGHT LBS.                          | 1250                        | 1250                       |
|                                     | OPERATING WEIGHT LBS.                         | 1210                        | 1210                       |

<sup>(1)</sup> Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

\*\*\* **NOTE:** High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Unit specifications are subject to change without notice. **ALWAYS** refer to the units serial plate for the most up-to-date general and electrical information.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes. Data shown is w/o electric heaters.

# PACKAGE GAS SPECIFICATIONS

# CPG102XXX4\*XXX

|                               |                                               | CPG0902104BX*X              |
|-------------------------------|-----------------------------------------------|-----------------------------|
| COOLING CAPACITY              | COOLING CAPACITY, BTUH                        | 102,000                     |
|                               | EER                                           | 11.3                        |
|                               | IEER                                          | 11.2                        |
| HEATING CAPACITY              | HEATING INPUT                                 | 210,000                     |
|                               | HEATING OUTPUT                                | 168,000                     |
|                               | STEADY STATE EFFICIENCY                       | 80                          |
|                               | TEMPERATURE RISE (°F)                         | 35 - 65                     |
| UNIT ELECTRICAL SPECIFICATION | VOLTAGE (NAMEPLATE)                           | 460/3/60                    |
|                               | UNIT AMPS (TOTAL)                             | 18.1                        |
|                               | MINIMUM CIRCUIT AMPACITY                      | 19.7                        |
|                               | MAXIMUM OVERCURRENT PROTECTION <sup>(1)</sup> | 25                          |
| HEATING SECTION               | NUMBER OF BURNERS                             | 6                           |
|                               | ORIFICE SIZE NATURAL                          | 34                          |
|                               | ORIFICE SIZE LP                               | 52                          |
|                               | PRESSURE SWITCH SETTING                       | 0.34                        |
| COMPRESSOR                    | TYPE                                          | SCROLL                      |
|                               | RATED LOAD AMPS                               | 6.3                         |
|                               | LOCKED ROTOR AMPS                             | 55                          |
| CONDENSER FAN MOTOR           | HORSEPOWER                                    | 1/4                         |
|                               | RPM                                           | 890                         |
|                               | RATED LOAD AMPS                               | 0.8                         |
|                               | LOCKED ROTOR AMPS                             | 1.72                        |
| CONDENSER FAN                 | BLADE DIAMETER( ") / # OF BLADES              | 22/4                        |
|                               | NOMINAL CFM                                   | 7,600                       |
| CONDENSER COIL                | FACE AREA - SQ. FT.                           | 13.25                       |
|                               | NUMBER OF ROWS                                | 2                           |
|                               | FINS PER INCH                                 | 22                          |
| EVAPORATOR BLOWER MOTOR       | HORSEPOWER - TYPE - STANDARD                  | 2.0 - STD STATIC BELT DRIVE |
|                               | NO. OF SPEEDS                                 | 1                           |
|                               | FULL LOAD AMPS                                | 3.9                         |
|                               | LOCKED ROTOR AMPS                             | 40                          |
|                               | MOTOR SPEED TAP - COOLING                     | ---                         |
|                               | RPM                                           | 1725                        |
| EVAPORATOR BLOWER             | DIAMETER X WIDTH (INCHES)                     | 15x12                       |
|                               | RATED SCFM COOLING                            | 3400                        |
|                               | MAX EXTERNAL STATIC PRESS ("w.c.)             | 1.0                         |
| EVAPORATOR COIL               | FACE AREA - SQ. FT.                           | 8.9                         |
|                               | NUMBER OF ROWS                                | 4                           |
|                               | FINS PER INCH                                 | 16                          |
| HEATING LIMITS                | PRIMARY LIMIT SETTING (°F)                    | 190                         |
|                               | AUXILIARY LIMIT SETTING (°F)                  | 180                         |
|                               | ROLLOUT LIMIT SETTING (°F)                    | 350                         |
| GENERAL INFORMATION           | FILTER SIZE                                   | (4) 16 X 20 x 2             |
|                               | DRAIN SIZE (INCHES)                           | 3/4"                        |
|                               | EXPANSION DEVICE                              | Orifice (0.080)             |
|                               | REFRIGERANT CHARGE R-410A (Oz.) CIR #1        | 180                         |
|                               | REFRIGERANT CHARGE R-410A (Oz.) CIR #2        | 180                         |
|                               | POWER SUPPLY ENTRANCE SIZE (INCHES)           | LOCATING DIMPLE             |
|                               | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | LOCATING DIMPLE             |
|                               | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       |
|                               | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         |
|                               | SHIPPING WEIGHT LBS.                          | 1055                        |
|                               | OPERATING WEIGHT LBS.                         | 1030                        |

<sup>(1)</sup> Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

<sup>(2)</sup> Rated capacity 3500 CFM, full capacity 4000 CFM

\*\*\* **NOTE:** High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Unit specifications are subject to change without notice. **ALWAYS** refer to the units serial plate for the most up-to-date general and electrical information.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes. Data shown is w/o electric heaters.

# PACKAGE GAS SPECIFICATIONS

# CPG120XXX4\*X\*X

|                               |                                               | CPG1202104BXXX              | CPG1202104HXXX             |
|-------------------------------|-----------------------------------------------|-----------------------------|----------------------------|
| COOLING CAPACITY              | COOLING CAPACITY, BTUH                        | 118,000                     | 118,000                    |
|                               | EER                                           | 11.5                        | 11.5                       |
| HEATING CAPACITY              | HEATING INPUT                                 | 210,000                     | 210,000                    |
|                               | HEATING OUTPUT                                | 168,000                     | 168,000                    |
|                               | STEADY STATE EFFICIENCY                       | 80                          | 80                         |
|                               | TEMPERATURE RISE (°F)                         | 25 - 55                     | 25 - 55                    |
| UNIT ELECTRICAL SPECIFICATION | VOLTAGE (NAMEPLATE)                           | 460/3/60                    | 460/3/60                   |
|                               | UNIT AMPS (TOTAL)                             | 22                          | 22.6                       |
|                               | MINIMUM CIRCUIT AMPACITY                      | 24                          | 25                         |
|                               | MAXIMUM OVERCURRENT PROTECTION <sup>(1)</sup> | 30                          | 30                         |
| HEATING SECTION               | NUMBER OF BURNERS                             | 6                           | 6                          |
|                               | ORIFICE SIZE NATURAL                          | 34                          | 34                         |
|                               | ORIFICE SIZE LP                               | 52                          | 52                         |
|                               | PRESSURE SWITCH SETTING                       | 0.34                        | 0.34                       |
| COMPRESSOR                    | TYPE                                          | SCROLL                      | SCROLL                     |
|                               | RATED LOAD AMPS                               | 7.8                         | 7.8                        |
|                               | LOCKED ROTOR AMPS                             | 52                          | 52                         |
| CONDENSER FAN MOTOR           | QUANTITY OF CONDENSER FAN MOTORS              | 2                           | 2                          |
|                               | HORSEPOWER                                    | 1/3                         | 1/3                        |
|                               | RPM                                           | 1075                        | 1075                       |
|                               | RATED LOAD AMPS                               | 1.2                         | 1.2                        |
|                               | LOCKED ROTOR AMPS                             | 2.6                         | 2.6                        |
| CONDENSER FAN                 | BLADE DIAMETER( " ) / # OF BLADES             | 22/3                        | 22/3                       |
|                               | NOMINAL CFM                                   | 7,200                       | 7,200                      |
| CONDENSER COIL                | FACE AREA - SQ. FT.                           | 32.4                        | 32.4                       |
|                               | NUMBER OF ROWS                                | 2/2                         | 2/2                        |
|                               | FINS PER INCH                                 | 22                          | 22                         |
| EVAPORATOR BLOWER MOTOR       | HORSEPOWER - TYPE - STANDARD                  | 2.0 - STD STATIC BELT DRIVE | 3.0 - HI STATIC BELT DRIVE |
|                               | NO. OF SPEEDS                                 | 1                           | 1                          |
|                               | FULL LOAD AMPS                                | 3.9                         | 4.6                        |
|                               | LOCKED ROTOR AMPS                             | 40                          | 66                         |
|                               | MOTOR SPEED TAP - COOLING                     | ---                         | ---                        |
|                               | RPM                                           | 1725                        | 1725                       |
| EVAPORATOR BLOWER             | DIAMETER X WIDTH (INCHES)                     | 15X15                       | 15X15                      |
|                               | RATED SCFM COOLING <sup>(2)</sup>             | 4000                        | 4000                       |
|                               | MAX EXTERNAL STATIC PRESS ("w.c.)             | 0.9                         | 2.0                        |
| EVAPORATOR COIL               | FACE AREA - SQ. FT.                           | 10.2                        | 10.2                       |
|                               | NUMBER OF ROWS                                | 4                           | 4                          |
|                               | FINS PER INCH                                 | 14                          | 14                         |
| HEATING LIMITS                | PRIMARY LIMIT SETTING (°F)                    | 200                         | 200                        |
|                               | AUXILIARY LIMIT SETTING (°F)                  | 160                         | 160                        |
|                               | ROLLOUT LIMIT SETTING (°F)                    | 350                         | 350                        |
| GENERAL INFORMATION           | FILTER SIZE                                   | (4) 16 X 24 x 2             | (4) 16 X 24 x 2            |
|                               | DRAIN SIZE (INCHES)                           | 3/4"                        | 3/4"                       |
|                               | EXPANSION DEVICE                              | Orifice (0.086)             | Orifice (0.086)            |
|                               | REFRIGERANT CHARGE R-410A (Oz.) CIR #1        | 220                         | 220                        |
|                               | REFRIGERANT CHARGE R-410A (Oz.) CIR #2        | 220                         | 220                        |
|                               | POWER SUPPLY ENTRANCE SIZE (INCHES)           | Locating Dimple             | Locating Dimple            |
|                               | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | Locating Dimple             | Locating Dimple            |
|                               | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       | 22/50                      |
|                               | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         | 660                        |
|                               | SHIPPING WEIGHT LBS.                          | 1275                        | 1275                       |
|                               | OPERATING WEIGHT LBS.                         | 1235                        | 1235                       |

<sup>(1)</sup> Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

<sup>(2)</sup> Rated capacity 3500 CFM, full capacity 4000 CFM

\*\*\* **NOTE:** High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Unit specifications are subject to change without notice. **ALWAYS** refer to the units serial plate for the most up-to-date general and electrical information.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes. Data shown is w/o electric heaters.

# PACKAGE GAS SPECIFICATIONS

# CPG150XXX4\*XXX

|                                     |                                               | CPG1502104BXXX              | CPG1502104BXSX              |
|-------------------------------------|-----------------------------------------------|-----------------------------|-----------------------------|
| COOLING<br>CAPACITY                 | COOLING CAPACITY, BTUH                        | 146,000                     | 146,000                     |
|                                     | SENSIBLE CAPACITY, BTUH                       | 102,200                     | 102,200                     |
|                                     | EER / IPLV                                    | 10.8 / 11.6                 | 10.8 / 11.6                 |
|                                     | DECIBEL                                       | 83.0                        | 83.0                        |
| HEATING<br>CAPACITY                 | HEATING INPUT                                 | 210,000                     | 210,000                     |
|                                     | HEATING OUTPUT                                | 168,000                     | 168,000                     |
|                                     | STEADY STATE EFFICIENCY                       | 80                          | 80                          |
|                                     | TEMPERATURE RISE (°F)                         | 15 - 45                     | 15 - 45                     |
| UNIT<br>ELECTRICAL<br>SPECIFICATION | VOLTAGE (NAMEPLATE)                           | 460/3/60                    | 460/3/60                    |
|                                     | UNIT AMPS (TOTAL)                             | 28                          | 28                          |
|                                     | MINIMUM CIRCUIT AMPACITY                      | 31                          | 31                          |
|                                     | MAXIMUM OVERCURRENT PROTECTION <sup>(1)</sup> | 40                          | 40                          |
| HEATING<br>SECTION                  | NUMBER OF BURNERS                             | 6                           | 6                           |
|                                     | ORIFICE SIZE NATURAL                          | 34                          | 34                          |
|                                     | ORIFICE SIZE LP                               | 52                          | 52                          |
|                                     | PRESSURE SWITCH SETTING                       | 0.34                        | 0.34                        |
| COMPRESSOR                          | TYPE                                          | SCROLL                      | SCROLL                      |
|                                     | RATED LOAD AMPS                               | 10.6                        | 10.6                        |
|                                     | LOCKED ROTOR AMPS                             | 75                          | 75                          |
| CONDENSER<br>FAN MOTOR              | QUANTITY OF CONDENSER FAN MOTORS              | 2                           | 2                           |
|                                     | HORSEPOWER                                    | 1/3                         | 1/3                         |
|                                     | RPM                                           | 1075                        | 1075                        |
|                                     | RATED LOAD AMPS                               | 1.2                         | 1.2                         |
|                                     | LOCKED ROTOR AMPS                             | 2.6                         | 2.6                         |
| CONDENSER<br>FAN                    | BLADE DIAMETER( ") / # OF BLADES              | 22/3                        | 22/3                        |
|                                     | NOMINAL CFM                                   | 7,200                       | 7,200                       |
| CONDENSER<br>COIL                   | FACE AREA - SQ. FT.                           | 35.3                        | 35.3                        |
|                                     | NUMBER OF ROWS                                | 3/3                         | 3/3                         |
|                                     | FINS PER INCH                                 | 15                          | 15                          |
| EVAPORATOR<br>BLOWER<br>MOTOR       | HORSEPOWER - TYPE - STANDARD                  | 3.0 - STD STATIC BELT DRIVE | 3.0 - STD STATIC BELT DRIVE |
|                                     | NO. OF SPEEDS                                 | 1                           | 1                           |
|                                     | FULL LOAD AMPS                                | 4.7                         | 4.7                         |
|                                     | LOCKED ROTOR AMPS                             | 66                          | 66                          |
|                                     | MOTOR SPEED TAP - COOLING                     | ---                         | ---                         |
|                                     | RPM                                           | 1725                        | 1725                        |
| EVAPORATOR<br>BLOWER                | DIAMETER X WIDTH (INCHES)                     | 15X15                       | 15X15                       |
|                                     | RATED SCFM COOLING <sup>(2)</sup>             | 5000                        | 5000                        |
|                                     | MAX EXTERNAL STATIC PRESS ('w.c.)             | 0.9                         | 0.9                         |
| EVAPORATOR<br>COIL                  | FACE AREA - SQ. FT.                           | 14.7                        | 14.7                        |
|                                     | NUMBER OF ROWS                                | 4                           | 4                           |
|                                     | FINS PER INCH                                 | 15                          | 15                          |
| HEATING<br>LIMITS                   | PRIMARY LIMIT SETTING (°F)                    | 180                         | 180                         |
|                                     | AUXILIARY LIMIT SETTING (°F)                  | 160                         | 160                         |
|                                     | ROLLOUT LIMIT SETTING (°F)                    | 350                         | 350                         |
| GENERAL<br>INFORMATION              | FILTER SIZE                                   | (4) 20 X 25 x 2             | (4) 20 X 25 x 2             |
|                                     | DRAIN SIZE (INCHES)                           | 3/4"                        | 3/4"                        |
|                                     | EXPANSION DEVICE                              | Orifice (0.096)             | Orifice (0.096)             |
|                                     | REFRIGERANT CHARGE R-410A (Oz.) CIR #1        | 285                         | 285                         |
|                                     | REFRIGERANT CHARGE R-410A (Oz.) CIR #2        | 285                         | 285                         |
|                                     | POWER SUPPLY ENTRANCE SIZE (INCHES)           | Locating Dimple             | Locating Dimple             |
|                                     | LOW VOLTAGE ENTRANCE SIZE (INCHES)            | Locating Dimple             | Locating Dimple             |
|                                     | LOW PRESSURE SWITCH (OPEN/CLOSE-PSIG)         | 22/50                       | 22/50                       |
|                                     | HIGH PRESSURE SWITCH (OPENS-PSIG)             | 660                         | 660                         |
|                                     | SHIPPING WEIGHT LBS.                          | 1390                        | 1390                        |
|                                     | OPERATING WEIGHT LBS.                         | 1365                        | 1365                        |

<sup>(1)</sup> Maximum Overcurrent Protection Device: **MUST** use Time Delay Fuse or HACR type Circuit Breaker of the same size as noted.

<sup>(2)</sup> Rated capacity 3500 CFM, full capacity 4000 CFM

\*\*\* **NOTE:** High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

Wire size should be determined in accordance with National Electrical Codes. Extensive wire runs will require larger wire sizes.

Unit specifications are subject to change without notice. **ALWAYS** refer to the units serial plate for the most up-to-date general and electrical information.

**IMPORTANT:** While this data is presented as a guide, it is important to electrically connect the unit and properly size wires and fuses/circuit breakers in accordance with the National Electrical Code and/or all local codes. Data shown is w/o electric heaters.

# ACCESSORIES

| CPG / CPC- ACCESSORIES |                                                          |
|------------------------|----------------------------------------------------------|
| 14CURB3672             | 3 - 5 Ton Roof Curb 14" Tall                             |
| 14CURB90150            | 7.5 - 12.5 Ton Roof Curb 14" Tall                        |
| DNECONGS3672           | 3 - 5 Ton Downflow Economizer for CPC/CPG                |
| DNECONGS90120          | 7.5 - 10 Ton Downflow Economizer for CPC/CPG             |
| DNECONGS150            | 12.5 Ton Downflow Economizer for CPC/CPG                 |
| HZECONGS3672           | 3 - 5 Ton Horizontal Economizer for CPC/CPG              |
| HZECONGS90150          | 7.5 - 12.5 Ton Horizontal Economizer for CPC/CPG         |
| 25FD3672               | 3 - 5 Ton 25% Manual Fresh Air Damper                    |
| 25MFD3672              | 3 - 5 Ton 25% Motorized Fresh Air Damper                 |
| 25FD90150              | 7.5 - 12.5 Ton 25% Manual Fresh Air Damper               |
| 25MFD90150             | 7.5 - 12.5 Ton 25% Motorized Fresh Air Damper            |
| PE36722                | 3 - 5 Ton Power Exhaust 208/230v CP* Unit                |
| PE36724                | 3 - 5 Ton Power Exhaust 460v CP* Unit                    |
| PE901502               | 7.5 - 12.5 Ton Power Exhaust 208/230v CP* Unit           |
| PE901504               | 7.5 - 12.5 Ton Power Exhaust 460v CP* Unit               |
| BRD3672                | Barometric Relief Damper                                 |
| CDK36                  | 3 Ton Concentric Duct Kit                                |
| CDK4872                | 4 - 5 Ton Concentric Duct Kit                            |
| CDK90102               | 7.5 - 8.5 Concentric Duct Kit                            |
| CDK120                 | 10 ton Ton Concentric Duct Kit                           |
| DNSQRRND36             | 3 Ton Downflow Square to Round Adapter 16" Round         |
| DNSQRRND4872           | 4 - 5 Ton Downflow Square to Round Adapter 18" Round     |
| DNSQRRND90             | 7.5 - 8.5 Ton Downflow Square to Round Adapter 20" Round |
| HAKT36300              | High Altitude Kit - CPG 3 - 5 ton units                  |
| LPKT36150              | LP Conversion Kit - CPG 3 - 5 Ton                        |
| LPKT090150             | LP Conversion Kit - CPG 7.5 - 12.5 Ton                   |
| HSKT***                | High Static Kit                                          |
| HAILGD01               | Hail Guard Kit - 3 - 5 Ton                               |
| HAILGD02               | Hail Guard Kit - 7.5 - 10 Ton                            |
| HAILGD05               | Hail Guard Kit 12.5 Ton                                  |
| EHK**                  | Heater Kit - CPC units                                   |
| LAKT-01                | Low Ambient Kit 3 - 5 Tons                               |
| LAKT-02                | Low Ambient Kit 7.5 - 12.5 Tons                          |

\*\* Complete listing of EHK kits listed on electrical data page in CPC manuals

\*\*\*NOTE: High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

# BLOWER PERFORMANCE DATA

CPG0360XXX4BXXX

BELT DRIVE - 3 TON

CPG036 STANDARD BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.2                         |            |     |      |      |     |      |      |     |      |      |     |      |      |     |      | 1402 | 711 | 0.24 |
| 0.3                         |            |     |      |      |     |      |      |     |      |      |     |      | 1427 | 763 | 0.28 | 1206 | 714 | 0.2  |
| 0.4                         |            |     |      |      |     |      |      |     |      | 1435 | 816 | 0.31 | 1231 | 763 | 0.23 | 1012 | 710 | 0.16 |
| 0.5                         |            |     |      |      |     |      | 1451 | 870 | 0.35 | 1267 | 822 | 0.27 | 969  | 766 | 0.17 |      |     |      |
| 0.6                         |            |     |      | 1516 | 922 | 0.42 | 1280 | 869 | 0.3  | 966  | 822 | 0.2  |      |     |      |      |     |      |
| 0.7                         | 1510       | 973 | 0.46 | 1317 | 928 | 0.35 | 1023 | 875 | 0.24 |      |     |      |      |     |      |      |     |      |
| 0.8                         | 1358       | 975 | 0.41 | 1090 | 928 | 0.29 |      |     |      |      |     |      |      |     |      |      |     |      |
| 0.9                         | 1130       | 976 | 0.33 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
| 1                           |            |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

CPG036 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.2                         |            |     |      |      |     |      |      |     |      |      |     |      |      |     |      | 1387 | 716 | 0.24 |
| 0.3                         |            |     |      |      |     |      |      |     |      |      |     |      | 1419 | 767 | 0.27 | 1243 | 716 | 0.21 |
| 0.4                         |            |     |      |      |     |      |      |     |      | 1440 | 816 | 0.31 | 1258 | 768 | 0.24 | 1055 | 716 | 0.17 |
| 0.5                         |            |     |      |      |     |      | 1447 | 869 | 0.35 | 1285 | 822 | 0.27 | 1075 | 769 | 0.2  |      |     |      |
| 0.6                         |            |     |      | 1484 | 922 | 0.4  | 1298 | 872 | 0.31 | 1090 | 822 | 0.23 |      |     |      |      |     |      |
| 0.7                         | 1526       | 975 | 0.46 | 1311 | 924 | 0.35 | 998  | 875 | 0.24 |      |     |      |      |     |      |      |     |      |
| 0.8                         | 1353       | 976 | 0.4  | 1019 | 928 | 0.27 |      |     |      |      |     |      |      |     |      |      |     |      |
| 0.9                         | 1049       | 981 | 0.32 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
| 1                           | 847        | 981 | 0.27 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

## NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

# BLOWER PERFORMANCE DATA

CPG048XXX4BXXX

BELT DRIVE - 4 TON

CPH048 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |      |      |      |      |      |      |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |      |      | 1    |      |      | 2    |      |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.2                         |            |      |      |      |      |      |      |      |      |      |     |      | 1839 | 887 | 0.5  | 1706 | 832 | 0.4  |
| 0.3                         |            |      |      |      |      |      |      |      |      | 1851 | 942 | 0.54 | 1716 | 887 | 0.45 | 1591 | 832 | 0.37 |
| 0.4                         |            |      |      |      |      |      |      |      |      | 1730 | 942 | 0.5  | 1617 | 887 | 0.41 | 1445 | 837 | 0.32 |
| 0.5                         |            |      |      |      |      |      | 1742 | 997  | 0.56 | 1631 | 942 | 0.47 | 1478 | 888 | 0.37 |      |     |      |
| 0.6                         |            |      |      |      |      |      | 1662 | 997  | 0.53 | 1477 | 947 | 0.41 |      |     |      |      |     |      |
| 0.7                         |            |      |      | 1777 | 1052 | 0.64 | 1519 | 1001 | 0.48 |      |     |      |      |     |      |      |     |      |
| 0.8                         | 1862       | 1101 | 0.73 | 1646 | 1052 | 0.58 | 1369 | 1002 | 0.42 |      |     |      |      |     |      |      |     |      |
| 0.9                         | 1687       | 1107 | 0.65 | 1491 | 1052 | 0.52 |      |      |      |      |     |      |      |     |      |      |     |      |
| 1                           | 1548       | 1107 | 0.59 |      |      |      |      |      |      |      |     |      |      |     |      |      |     |      |
| 1.1                         | 1397       | 1112 | 0.54 |      |      |      |      |      |      |      |     |      |      |     |      |      |     |      |

CPG048 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |      |      |      |      |      |      |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |      |      | 1    |      |      | 2    |      |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.2                         |            |      |      |      |      |      |      |      |      |      |     |      |      |     |      | 1761 | 832 | 0.42 |
| 0.3                         |            |      |      |      |      |      |      |      |      |      |     |      | 1785 | 887 | 0.47 | 1626 | 832 | 0.38 |
| 0.4                         |            |      |      |      |      |      |      |      |      | 1814 | 942 | 0.54 | 1632 | 887 | 0.42 | 1486 | 834 | 0.34 |
| 0.5                         |            |      |      |      |      |      | 1848 | 997  | 0.61 | 1651 | 942 | 0.48 | 1492 | 888 | 0.38 | 1305 | 837 | 0.29 |
| 0.6                         |            |      |      | 1850 | 1046 | 0.65 | 1717 | 997  | 0.56 | 1520 | 947 | 0.43 | 1326 | 892 | 0.33 |      |     |      |
| 0.7                         |            |      |      | 1729 | 1052 | 0.62 | 1576 | 997  | 0.5  | 1348 | 947 | 0.37 |      |     |      |      |     |      |
| 0.8                         | 1793       | 1101 | 0.69 | 1585 | 1052 | 0.55 | 1418 | 1002 | 0.45 |      |     |      |      |     |      |      |     |      |
| 0.9                         | 1623       | 1107 | 0.62 | 1455 | 1058 | 0.51 |      |      |      |      |     |      |      |     |      |      |     |      |
| 1                           | 1496       | 1107 | 0.57 |      |      |      |      |      |      |      |     |      |      |     |      |      |     |      |
| 1.1                         | 1328       | 1112 | 0.5  |      |      |      |      |      |      |      |     |      |      |     |      |      |     |      |

## NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

# BLOWER PERFORMANCE DATA

CPG060XXX4BXXX

BELT DRIVE - 5 TON

## CPG060 STANDARD BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |       |      |      |       |      |      |       |      |      |       |       |       |       |      |       |       |
|-----------------------------|------------|------|-------|------|------|-------|------|------|-------|------|------|-------|-------|-------|-------|------|-------|-------|
|                             | 0          |      |       | 1    |      |       | 2    |      |       | 3    |      |       | 4     |       |       | 5    |       |       |
|                             | CFM        | RPM  | BHP   | CFM  | RPM  | BHP   | CFM  | RPM  | BHP   | CFM  | RPM  | BHP   | CFM   | RPM   | BHP   | CFM  | RPM   | BHP   |
| 0.2                         |            |      |       |      |      |       | 2493 | 1052 | 0.812 | 2359 | 1011 | 0.728 | 2194  | 955.5 | 0.637 | 2035 | 898   | 0.571 |
| 0.4                         |            |      |       |      |      |       | 2215 | 1058 | 0.77  | 2133 | 1016 | 0.68  | 1932  | 958   | 0.594 | 1746 | 900.5 | 0.529 |
| 0.6                         | 2388       | 1171 | 0.946 | 2220 | 1121 | 0.821 | 2006 | 1068 | 0.717 | 1860 | 1019 | 0.626 | 1645  | 961   | 0.545 | 1406 | 906   | 0.479 |
| 0.8                         | 2159       | 1179 | 0.884 | 1996 | 1127 | 0.76  | 1790 | 1074 | 0.659 | 1556 | 1022 | 0.569 | 1281  | 966.5 | 0.488 | 935  | 909   | 0.423 |
| 1                           | 1923       | 1187 | 0.816 | 1724 | 1135 | 0.697 | 1455 | 1079 | 0.593 | 1123 | 1027 | 0.502 | 813.5 | 972   | 0.428 |      |       |       |
| 1.2                         | 1664       | 1194 | 0.741 | 1395 | 1146 | 0.627 | 1012 | 1090 | 0.522 |      |      |       |       |       |       |      |       |       |
| 1.4                         | 1318       | 1202 | 0.659 | 981  | 6201 | 0.554 | 624  | 1096 | 0.467 |      |      |       |       |       |       |      |       |       |
| 1.6                         |            |      |       |      |      |       |      |      |       |      |      |       |       |       |       |      |       |       |

## CPG060 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |       |      |      |       |      |      |       |      |      |       |       |     |       |      |     |       |
|-----------------------------|------------|------|-------|------|------|-------|------|------|-------|------|------|-------|-------|-----|-------|------|-----|-------|
|                             | 0          |      |       | 1    |      |       | 2    |      |       | 3    |      |       | 4     |     |       | 5    |     |       |
|                             | CFM        | RPM  | BHP   | CFM  | RPM  | BHP   | CFM  | RPM  | BHP   | CFM  | RPM  | BHP   | CFM   | RPM | BHP   | CFM  | RPM | BHP   |
| 0.2                         |            |      |       |      |      |       |      |      |       |      |      |       | 2300  | 945 | 0.673 | 2181 | 892 | 0.586 |
| 0.4                         |            |      |       |      |      |       |      |      |       | 2221 | 1011 | 0.71  | 2087  | 951 | 0.629 | 1915 | 898 | 0.542 |
| 0.6                         | 2527       | 1169 | 0.996 | 2340 | 1121 | 0.864 | 2149 | 1071 | 0.749 | 1959 | 1016 | 0.658 | 1803  | 956 | 0.578 | 1567 | 903 | 0.493 |
| 0.8                         | 2319       | 1176 | 0.925 | 2100 | 1126 | 0.798 | 1891 | 1077 | 0.689 | 1643 | 1022 | 0.594 | 1431  | 964 | 0.517 | 1110 | 909 | 0.434 |
| 1                           | 2059       | 1184 | 0.849 | 1819 | 1132 | 0.724 | 1550 | 1082 | 0.62  | 1175 | 1027 | 0.511 | 918.5 | 973 | 0.448 |      |     |       |
| 1.2                         | 1760       | 1192 | 0.767 | 1464 | 1140 | 0.645 | 1069 | 1088 | 0.532 | 651  | 1030 | 0.438 |       |     |       |      |     |       |
| 1.4                         | 1338       | 1201 | 0.667 | 1011 | 1148 | 0.562 |      |      |       |      |      |       |       |     |       |      |     |       |
| 1.6                         |            |      |       |      |      |       |      |      |       |      |      |       |       |     |       |      |     |       |

### NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

# BLOWER PERFORMANCE DATA

CPG090XXX4\*XXX

BELT DRIVE - 7.5 TON

CPG090 STANDARD BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.1                         |            |     |      |      |     |      |      |     |      | 3522 | 750 | 1.14 | 3228 | 706 | 0.94 | 2964 | 661 | 0.73 |
| 0.3                         |            |     |      |      |     |      | 3337 | 800 | 1.19 | 3102 | 756 | 1    | 2800 | 706 | 0.76 | 2504 | 661 | 0.59 |
| 0.5                         |            |     |      | 3387 | 844 | 1.32 | 2834 | 806 | 0.99 | 2603 | 757 | 0.8  |      |     |      |      |     |      |
| 0.7                         | 3453       | 893 | 1.5  | 2903 | 850 | 1.12 |      |     |      |      |     |      |      |     |      |      |     |      |
| 0.9                         | 2957       | 899 | 1.29 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

CPG090 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.1                         |            |     |      |      |     |      |      |     |      |      |     |      | 3381 | 703 | 0.99 | 3078 | 659 | 0.78 |
| 0.3                         |            |     |      |      |     |      | 3560 | 796 | 1.26 | 3271 | 747 | 1.02 | 2946 | 703 | 0.82 | 2604 | 659 | 0.63 |
| 0.5                         |            |     |      | 3492 | 841 | 1.36 | 3159 | 799 | 1.09 | 2819 | 752 | 0.86 |      |     |      |      |     |      |
| 0.7                         | 3453       | 891 | 1.5  | 3094 | 846 | 1.18 |      |     |      |      |     |      |      |     |      |      |     |      |
| 0.9                         | 2964       | 896 | 1.29 | 2524 | 852 | 0.96 |      |     |      |      |     |      |      |     |      |      |     |      |
| 1.1                         | 2537       | 902 | 1.08 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

CPG090 HIGH STATIC BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN        |     |     |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |
|-----------------------------|-------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|
|                             | 0                 |     |     | 1    |      |      | 2    |      |      | 3    |      |      | 4    |     |      | 5    |     |      |
|                             | CFM               | RPM | BHP | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.7                         | DO NOT<br>OPERATE |     |     |      |      |      |      |      |      |      |      |      |      |     |      | 3575 | 904 | 1.66 |
| 0.9                         |                   |     |     |      |      |      |      |      |      |      |      |      | 3258 | 925 | 1.56 | 3113 | 909 | 1.41 |
| 1.1                         |                   |     |     |      |      |      |      |      |      | 3580 | 1013 | 1.97 | 3001 | 948 | 1.42 | 2722 | 915 | 1.25 |
| 1.3                         |                   |     |     |      |      |      | 3616 | 1063 | 2.17 | 3247 | 1019 | 1.79 | 2646 | 959 | 1.3  |      |     |      |
| 1.5                         |                   |     |     |      |      |      | 3275 | 1069 | 2.05 | 2803 | 1025 | 1.68 |      |     |      |      |     |      |
| 1.7                         |                   |     |     | 3346 | 1118 | 2.24 | 2885 | 1074 | 1.97 |      |      |      |      |     |      |      |     |      |
| 1.9                         |                   |     |     | 3009 | 1125 | 2.05 |      |      |      |      |      |      |      |     |      |      |     |      |
| 2.1                         |                   |     |     |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |

CPG090 HIGH STATIC BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN        |     |     |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |
|-----------------------------|-------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|
|                             | 0                 |     |     | 1    |      |      | 2    |      |      | 3    |      |      | 4    |     |      | 5    |     |      |
|                             | CFM               | RPM | BHP | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.7                         | DO NOT<br>OPERATE |     |     |      |      |      |      |      |      |      |      |      |      |     |      | 3567 | 903 | 1.58 |
| 0.9                         |                   |     |     |      |      |      |      |      |      |      |      |      | 3596 | 953 | 1.79 | 3145 | 906 | 1.39 |
| 1.1                         |                   |     |     |      |      |      |      |      |      | 3630 | 1007 | 1.97 | 3168 | 963 | 1.56 | 2675 | 909 | 1.18 |
| 1.3                         |                   |     |     |      |      |      | 3649 | 1063 | 2.19 | 3255 | 1021 | 1.8  | 2724 | 965 | 1.35 |      |     |      |
| 1.5                         |                   |     |     |      |      |      | 3316 | 1068 | 2    | 2823 | 1058 | 1.61 |      |     |      |      |     |      |
| 1.7                         |                   |     |     | 3287 | 1112 | 2.16 | 2869 | 1074 | 1.78 |      |      |      |      |     |      |      |     |      |
| 1.9                         |                   |     |     | 2970 | 1122 | 2    |      |      |      |      |      |      |      |     |      |      |     |      |
| 2.1                         |                   |     |     | 2644 | 1133 | 1.92 |      |      |      |      |      |      |      |     |      |      |     |      |

## NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

High Static Airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

# BLOWER PERFORMANCE DATA

# CPG102XXX4\*XXX

BELT DRIVE - 8.5 TON

CPG102 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.1                         |            |     |      |      |     |      |      |     |      |      |     |      | 3231 | 700 | 0.96 | 2928 | 656 | 0.75 |
| 0.3                         |            |     |      |      |     |      | 3410 | 793 | 1.23 | 3121 | 744 | 0.99 | 2796 | 700 | 0.79 |      |     |      |
| 0.5                         |            |     |      | 3342 | 838 | 1.33 | 3009 | 796 | 1.06 | 2669 | 749 | 0.83 |      |     |      |      |     |      |
| 0.7                         | 3303       | 888 | 1.47 | 2944 | 843 | 1.15 |      |     |      |      |     |      |      |     |      |      |     |      |
| 0.9                         | 2814       | 893 | 1.26 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

CPG102 STANDARD BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.1                         |            |     |      |      |     |      |      |     |      | 3372 | 747 | 1.11 | 3078 | 703 | 0.91 | 2814 | 658 | 0.70 |
| 0.3                         |            |     |      |      |     |      | 3187 | 797 | 1.16 | 2952 | 753 | 0.97 | 2650 | 703 | 0.73 |      |     |      |
| 0.5                         |            |     |      | 3237 | 841 | 1.29 | 2684 | 803 | 0.96 | 2453 | 754 | 0.77 |      |     |      |      |     |      |
| 0.7                         | 3303       | 890 | 1.47 | 2753 | 847 | 1.09 |      |     |      |      |     |      |      |     |      |      |     |      |
| 0.9                         | 2807       | 896 | 1.26 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

CPG102 HIGH STATIC BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |
|-----------------------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|
|                             | 0          |      |      | 1    |      |      | 2    |      |      | 3    |      |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.7                         |            |      |      |      |      |      |      |      |      |      |      |      |      |     |      | 3417 | 900 | 1.55 |
| 0.9                         |            |      |      |      |      |      |      |      |      |      |      |      | 3446 | 950 | 1.76 | 2995 | 903 | 1.36 |
| 1.1                         |            |      |      |      |      |      |      |      |      | 3480 | 1004 | 1.94 | 3018 | 960 | 1.53 | 2525 | 906 | 1.15 |
| 1.3                         |            |      |      |      |      |      | 3499 | 1060 | 2.16 | 3105 | 1018 | 1.77 | 2574 | 962 | 1.32 |      |     |      |
| 1.5                         |            |      |      |      |      |      | 3166 | 1065 | 1.97 | 2673 | 1055 | 1.58 |      |     |      |      |     |      |
| 1.7                         |            |      |      | 3137 | 1109 | 2.13 | 2719 | 1071 | 1.75 |      |      |      |      |     |      |      |     |      |
| 1.9                         | 3107       | 1154 | 2.28 | 2820 | 1119 | 1.97 |      |      |      |      |      |      |      |     |      |      |     |      |
| 2.1                         | 2790       | 1164 | 2.12 |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |

CPG102 HIGH STATIC BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |
|-----------------------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|
|                             | 0          |      |      | 1    |      |      | 2    |      |      | 3    |      |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.7                         |            |      |      |      |      |      |      |      |      |      |      |      |      |     |      | 3425 | 901 | 1.63 |
| 0.9                         |            |      |      |      |      |      |      |      |      |      |      |      | 3108 | 922 | 1.53 | 2963 | 906 | 1.38 |
| 1.1                         |            |      |      |      |      |      |      |      |      | 3430 | 1010 | 1.94 | 2851 | 945 | 1.39 | 2572 | 912 | 1.22 |
| 1.3                         |            |      |      |      |      |      | 3466 | 1060 | 2.14 | 3097 | 1016 | 1.76 | 2496 | 956 | 1.27 |      |     |      |
| 1.5                         |            |      |      |      |      |      | 3125 | 1066 | 2.02 | 2653 | 1022 | 1.65 |      |     |      |      |     |      |
| 1.7                         |            |      |      | 3196 | 1115 | 2.21 | 2735 | 1071 | 1.94 |      |      |      |      |     |      |      |     |      |
| 1.9                         | 3251       | 1160 | 2.36 | 2859 | 1122 | 2.02 |      |      |      |      |      |      |      |     |      |      |     |      |
| 2.1                         | 2914       | 1167 | 2.17 |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |

## NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

High Static Airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

# BLOWER PERFORMANCE DATA

CPG120XXX4\*X\*X

## BELT DRIVE - 10 TON

### CPG120 STANDARD BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.2                         |            |     |      |      |     |      | 4316 | 780 | 1.57 | 4118 | 738 | 1.36 | 3771 | 687 | 1.08 | 3376 | 644 | 0.85 |
| 0.4                         |            |     |      | 4282 | 830 | 1.76 | 3928 | 786 | 1.4  | 3595 | 740 | 1.13 |      |     |      |      |     |      |
| 0.6                         | 4232       | 874 | 1.87 | 3872 | 830 | 1.52 | 3444 | 786 | 1.2  |      |     |      |      |     |      |      |     |      |
| 0.8                         | 3839       | 880 | 1.64 | 3367 | 836 | 1.27 |      |     |      |      |     |      |      |     |      |      |     |      |
| 1                           | 3326       | 885 | 1.4  |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
| 1.2                         |            |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

### CPG120 STANDARD BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
|-----------------------------|------------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|------|-----|------|
|                             | 0          |     |      | 1    |     |      | 2    |     |      | 3    |     |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.2                         |            |     |      |      |     |      |      |     |      | 4391 | 737 | 1.48 | 4054 | 693 | 1.22 | 3760 | 645 | 0.97 |
| 0.4                         |            |     |      |      |     |      | 4314 | 781 | 1.61 | 3969 | 737 | 1.29 | 3534 | 693 | 1    |      |     |      |
| 0.6                         |            |     |      | 4255 | 826 | 1.69 | 3894 | 781 | 1.38 | 3447 | 743 | 1.09 |      |     |      |      |     |      |
| 0.8                         | 4234       | 876 | 1.85 | 3792 | 832 | 1.47 |      |     |      |      |     |      |      |     |      |      |     |      |
| 1                           | 3724       | 877 | 1.59 |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |
| 1.2                         |            |     |      |      |     |      |      |     |      |      |     |      |      |     |      |      |     |      |

### CPG120 HIGH STATIC BELT DRIVE DOWN SHOT

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN |      |      |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |
|-----------------------------|------------|------|------|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|
|                             | 0          |      |      | 1    |      |      | 2    |      |      | 3    |      |      | 4    |     |      | 5    |     |      |
|                             | CFM        | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.8                         |            |      |      |      |      |      |      |      |      |      |      |      | 4188 | 943 | 2.11 | 3793 | 889 | 1.67 |
| 1                           |            |      |      |      |      |      |      |      |      | 4305 | 1002 | 2.39 | 3836 | 946 | 1.89 | 3416 | 893 | 1.45 |
| 1.2                         |            |      |      |      |      |      | 4324 | 1053 | 2.63 | 3879 | 1003 | 2.11 | 3425 | 951 | 1.63 |      |     |      |
| 1.4                         |            |      |      | 4428 | 1109 | 2.92 | 3973 | 1056 | 2.35 | 3434 | 1009 | 1.8  |      |     |      |      |     |      |
| 1.6                         | 4465       | 1160 | 3.2  | 4088 | 1113 | 2.67 | 3506 | 1068 | 2.1  |      |      |      |      |     |      |      |     |      |
| 1.8                         | 4129       | 1168 | 2.9  | 3625 | 1122 | 2.3  |      |      |      |      |      |      |      |     |      |      |     |      |
| 2                           | 3694       | 1175 | 2.65 |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |

### CPG120 HIGH STATIC BELT DRIVE HORIZONTAL

| ESP, In<br>H <sub>2</sub> O | TURNS OPEN        |     |     |      |      |      |      |      |      |      |      |      |      |     |      |      |     |      |
|-----------------------------|-------------------|-----|-----|------|------|------|------|------|------|------|------|------|------|-----|------|------|-----|------|
|                             | 0                 |     |     | 1    |      |      | 2    |      |      | 3    |      |      | 4    |     |      | 5    |     |      |
|                             | CFM               | RPM | BHP | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM  | BHP  | CFM  | RPM | BHP  | CFM  | RPM | BHP  |
| 0.8                         | DO NOT<br>OPERATE |     |     |      |      |      |      |      |      |      |      |      |      |     |      | 4408 | 885 | 2.02 |
| 1                           |                   |     |     |      |      |      |      |      |      |      |      |      | 4464 | 940 | 2.29 | 3929 | 891 | 1.76 |
| 1.2                         |                   |     |     |      |      |      |      |      |      | 4585 | 996  | 2.58 | 4026 | 946 | 2    | 3436 | 897 | 1.46 |
| 1.4                         |                   |     |     |      |      |      | 4697 | 1049 | 2.92 | 4141 | 1001 | 2.26 | 3509 | 951 | 1.7  |      |     |      |
| 1.6                         |                   |     |     |      |      |      | 4264 | 1056 | 2.58 | 3663 | 1007 | 1.96 |      |     |      |      |     |      |
| 1.8                         |                   |     |     | 4359 | 1105 | 2.85 | 3785 | 1061 | 2.22 |      |      |      |      |     |      |      |     |      |
| 2                           |                   |     |     | 3907 | 1114 | 2.49 |      |      |      |      |      |      |      |     |      |      |     |      |

#### NOTES:

Factory shipped at 2.5 turns open.

Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

# BLOWER PERFORMANCE DATA

# CPG150XXX4\*XXX

BELT DRIVE - 12.5 TON

## CPG150 STANDARD BELT DRIVE DOWN SHOT

|               | 0 TURNS |      | 1 TURN |      | 2 TURNS |      | 3 TURNS |      | 4 TURNS |      | 5 TURNS |      |
|---------------|---------|------|--------|------|---------|------|---------|------|---------|------|---------|------|
| ESP (IN W.C.) | CFM     | BHP  | CFM    | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  |
| 0.2           | 5514    | 2.92 | 5604   | 3.22 | 5064    | 2.16 | 4775    | 1.81 | 4514    | 1.49 | 4271    | 1.23 |
| 0.4           | 5279    | 2.74 | 5110   | 2.40 | 4696    | 1.94 | 4447    | 1.63 | 4123    | 1.31 |         |      |
| 0.6           | 5185    | 2.67 | 4813   | 2.20 | 4352    | 1.74 | 4039    | 1.43 |         |      |         |      |
| 0.8           | 4766    | 2.37 | 4526   | 2.02 |         |      |         |      |         |      |         |      |
| 1.0           | 4223    | 2.01 |        |      |         |      |         |      |         |      |         |      |

## CPG150 STANDARD BELT DRIVE HORIZONTAL

|               | 0 TURNS |      | 1 TURN |      | 2 TURNS |      | 3 TURNS |      | 4 TURNS |      | 5 TURNS |      |
|---------------|---------|------|--------|------|---------|------|---------|------|---------|------|---------|------|
| ESP (IN W.C.) | CFM     | BHP  | CFM    | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  |
| 0.2           | 5762    | 3.08 | 5485   | 2.63 | 5140    | 2.21 | 4855    | 1.84 | 4513    | 1.48 | 4197    | 1.20 |
| 0.4           | 5550    | 2.91 | 5207   | 2.44 | 4857    | 2.03 | 4489    | 1.64 | 4100    | 1.29 |         |      |
| 0.6           | 5202    | 2.65 | 4922   | 2.25 | 4487    | 1.81 | 4113    | 1.45 |         |      |         |      |
| 0.8           | 4898    | 2.43 | 4515   | 1.99 | 4074    | 1.58 |         |      |         |      |         |      |
| 1.0           | 4549    | 2.20 | 4135   | 1.76 |         |      |         |      |         |      |         |      |
| 1.2           | 4258    | 2.01 |        |      |         |      |         |      |         |      |         |      |

## CPG150 HIGH STATIC BELT DRIVE DOWN SHOT

|               | 0 TURNS |      | 1 TURN |      | 2 TURNS |      | 3 TURNS |      | 4 TURNS |      | 5 TURNS |      |
|---------------|---------|------|--------|------|---------|------|---------|------|---------|------|---------|------|
| ESP (IN W.C.) | CFM     | BHP  | CFM    | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  |
| 0.6           |         |      |        |      |         |      |         |      | 5515    | 3.21 | 5124    | 2.68 |
| 0.8           |         |      |        |      | 5840    | 4.06 | 5781    | 3.73 | 5344    | 3.07 | 4721    | 2.37 |
| 1.0           |         |      | 5908   | 4.49 | 5643    | 3.86 | 5369    | 3.36 | 4887    | 2.71 | 4365    | 2.13 |
| 1.2           | 5869    | 4.74 | 5542   | 4.11 | 5229    | 3.47 | 4853    | 2.92 | 4404    | 2.35 | 3986    | 1.88 |
| 1.4           | 5464    | 4.30 | 5180   | 3.75 | 4917    | 3.19 | 4584    | 2.71 | 4197    | 2.21 |         |      |
| 1.6           | 5229    | 4.05 | 4960   | 3.53 | 4397    | 2.75 | 4204    | 2.41 |         |      |         |      |
| 1.8           | 4961    | 3.78 | 4553   | 3.16 |         |      |         |      |         |      |         |      |
| 2.0           | 4790    | 3.61 | 4315   | 2.95 |         |      |         |      |         |      |         |      |

## CPG150 HIGH STATIC BELT DRIVE HORIZONTAL

|               | 0 TURNS |      | 1 TURN |      | 2 TURNS |      | 3 TURNS |      | 4 TURNS |      | 5 TURNS |      |
|---------------|---------|------|--------|------|---------|------|---------|------|---------|------|---------|------|
| ESP (IN W.C.) | CFM     | BHP  | CFM    | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  | CFM     | BHP  |
| 0.6           |         |      |        |      |         |      | 5967    | 3.92 | 5451    | 3.16 | 5275    | 2.77 |
| 0.8           |         |      |        |      |         |      | 5628    | 3.61 | 5223    | 2.97 | 4959    | 2.54 |
| 1.0           |         |      |        |      | 5840    | 4.10 | 5385    | 3.39 | 4999    | 2.80 | 4635    | 2.31 |
| 1.2           |         |      |        |      | 5643    | 3.90 | 5003    | 3.06 | 4803    | 2.65 | 4160    | 1.99 |
| 1.4           | 6007    | 4.93 | 5740   | 4.32 | 5229    | 3.51 | 4576    | 2.71 | 4440    | 2.38 |         |      |
| 1.6           | 5752    | 4.64 | 5401   | 3.97 | 4917    | 3.23 |         |      |         |      |         |      |
| 1.8           | 5380    | 4.24 | 5033   | 3.61 | 4397    | 2.79 |         |      |         |      |         |      |
| 2.0           | 5065    | 3.91 | 4573   | 3.18 |         |      |         |      |         |      |         |      |

### NOTES:

Factory shipped at 2.5 turns open.

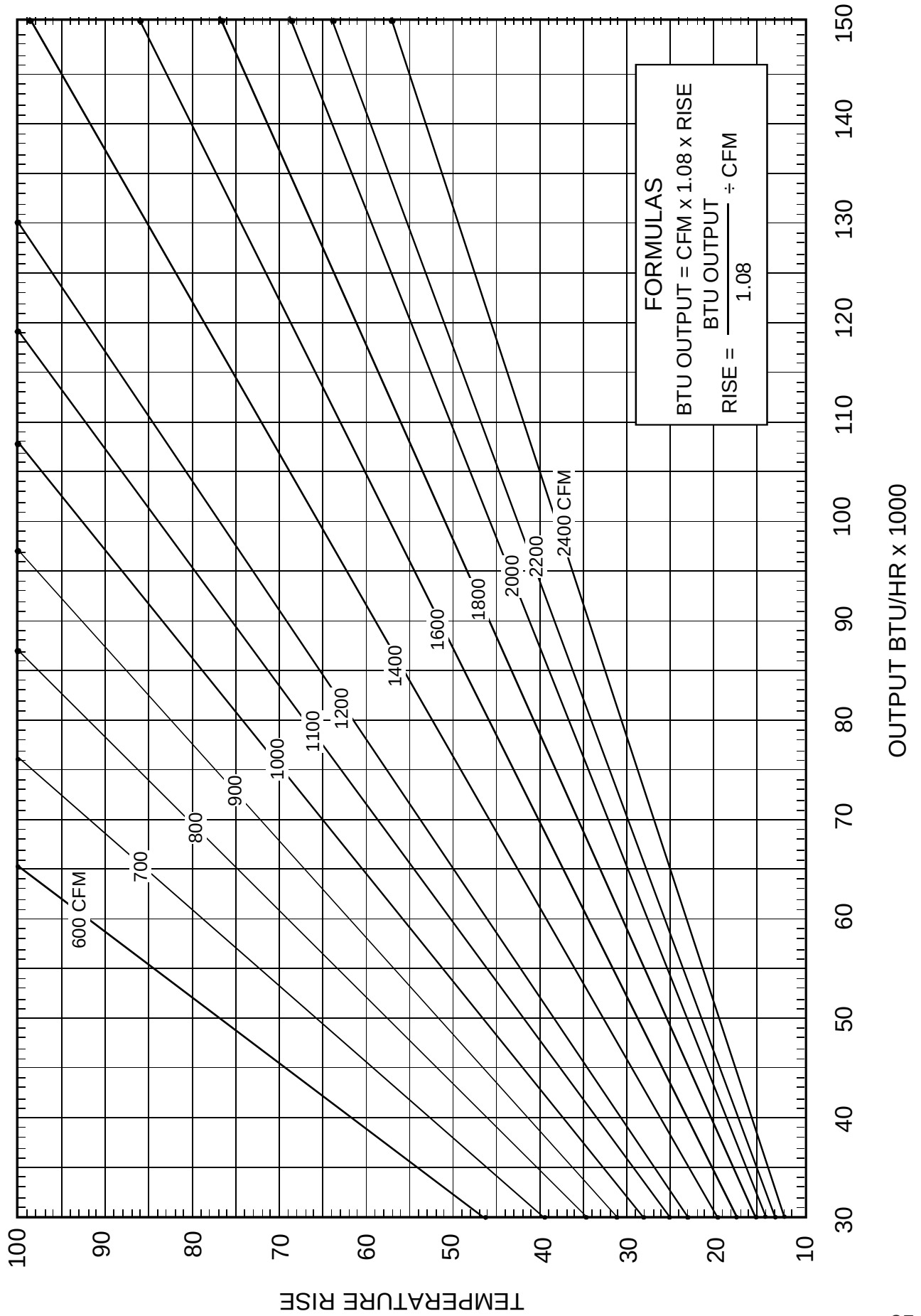
Tables represent dry coil without filter. To compensate for filter, add 0.08" to measured E.S.P.

SCFM correction for wet coil = 4%.

High static airflow requires installation of high static kit (HSKT\*), or factory-built High Static model.

# BLOWER PERFORMANCE DATA

BTU OUTPUT vs TEMPERATURE RISE CHART



MODEL: CPG036XXX\*\*XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, ARI 95 test conditions

| IDB* Airflow |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|--------------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|
|              |         | 65                                   |      |      |      |      |      |      |      | 75   |      |      |      |      |      |      |      | 85   |      |      |      |      |      |      |      | 95   |      |      |      |      |      |      |      | 105  |  |  |  |  |  |  |  | 115 |  |  |  |  |  |  |  |
|              |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 70           | 1350    | MBh                                  | 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   |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | S/T                                  | 0.74 | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.45 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82 | 0.68 | 0.47 | -    | 0.85 | 0.71 | 0.49 | -    | 0.85 | 0.71 | 0.49 | -    | 0.85 | 0.71 | 0.49 | -    | 0.85 | 0.71 | 0.49 | -    |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | Delta T                              | 17   | 15   | 11   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 17   | 15   | 11   | -    | 16   | 14   | 11   | -    | 16   | 14   | 11   | -    | 16   | 14   | 11   | -    |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | HI PR                                | 228  | 245  | 259  | -    | 256  | 275  | 290  | -    | 291  | 313  | 330  | -    | 331  | 356  | 376  | -    | 372  | 401  | 423  | -    | 411  | 443  | 468  | -    | 411  | 443  | 468  | -    | 411  | 443  | 468  | -    |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | LO PR                                | 104  | 110  | 120  | -    | 110  | 117  | 127  | -    | 114  | 121  | 132  | -    | 120  | 127  | 139  | -    | 125  | 133  | 146  | -    | 130  | 138  | 151  | -    | 130  | 138  | 151  | -    | 130  | 138  | 151  | -    |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1200         | MBh     | 33.3                                 | 34.5 | 37.8 | -    | 32.5 | 33.7 | 36.9 | -    | 31.7 | 32.9 | 36.1 | -    | 31.0 | 32.1 | 35.2 | -    | 29.4 | 30.5 | 33.4 | -    | 27.3 | 28.3 | 31.0 | -    | 27.3 | 28.3 | 31.0 | -    | 27.3 | 28.3 | 31.0 | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | S/T     | 0.71                                 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.43 | -    | 0.75 | 0.63 | 0.44 | -    | 0.78 | 0.65 | 0.45 | -    | 0.81 | 0.67 | 0.47 | -    | 0.81 | 0.68 | 0.47 | -    | 0.81 | 0.68 | 0.47 | -    | 0.81 | 0.68 | 0.47 | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | Delta T | 18                                   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | HI PR   | 225                                  | 243  | 256  | -    | 253  | 272  | 287  | -    | 288  | 310  | 327  | -    | 328  | 353  | 372  | -    | 369  | 397  | 419  | -    | 407  | 438  | 463  | -    | 407  | 438  | 463  | -    | 407  | 438  | 463  | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | LO PR   | 103                                  | 109  | 119  | -    | 108  | 115  | 126  | -    | 113  | 120  | 131  | -    | 118  | 126  | 137  | -    | 124  | 132  | 144  | -    | 128  | 137  | 149  | -    | 128  | 137  | 149  | -    | 128  | 137  | 149  | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1050         | MBh     | 30.7                                 | 31.9 | 34.9 | -    | 30.0 | 31.1 | 34.1 | -    | 29.3 | 30.4 | 33.3 | -    | 28.6 | 29.6 | 32.5 | -    | 27.2 | 28.2 | 30.8 | -    | 25.2 | 26.1 | 28.6 | -    | 25.2 | 26.1 | 28.6 | -    | 25.2 | 26.1 | 28.6 | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | S/T     | 0.68                                 | 0.57 | 0.40 | -    | 0.71 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.75 | 0.63 | 0.43 | -    | 0.78 | 0.65 | 0.45 | -    | 0.78 | 0.66 | 0.45 | -    | 0.78 | 0.66 | 0.45 | -    | 0.78 | 0.66 | 0.45 | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | Delta T | 18                                   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    | 17   | 15   | 11   | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | HI PR   | 219                                  | 235  | 249  | -    | 245  | 264  | 279  | -    | 279  | 300  | 317  | -    | 318  | 342  | 361  | -    | 358  | 385  | 406  | -    | 395  | 425  | 449  | -    | 395  | 425  | 449  | -    | 395  | 425  | 449  | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | LO PR   | 100                                  | 106  | 116  | -    | 105  | 112  | 122  | -    | 109  | 116  | 127  | -    | 115  | 122  | 133  | -    | 120  | 128  | 140  | -    | 124  | 132  | 145  | -    | 124  | 132  | 145  | -    | 124  | 132  | 145  | -    |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 75           | 1350    | MBh                                  | 34.9 | 35.9 | 38.9 | 41.7 | 34.1 | 35.1 | 38.0 | 40.7 | 33.3 | 34.2 | 37.1 | 39.8 | 32.4 | 33.4 | 36.2 | 38.8 | 30.8 | 31.7 | 34.4 | 36.9 | 28.6 | 29.4 | 31.8 | 34.2 | 28.6 | 29.4 | 31.8 | 34.2 | 28.6 | 29.4 | 31.8 | 34.2 |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | S/T                                  | 0.84 | 0.76 | 0.57 | 0.37 | 0.88 | 0.78 | 0.59 | 0.38 | 0.90 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.96 | 0.86 | 0.65 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 | 0.97 | 0.87 | 0.66 | 0.42 |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | DELTA T                              | 20   | 18   | 15   | 10   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 20   | 19   | 15   | 11   | 19   | 17   | 14   | 10   | 19   | 17   | 14   | 10   | 19   | 17   | 14   | 10   |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | HI PR                                | 230  | 248  | 261  | 273  | 258  | 278  | 293  | 306  | 294  | 316  | 334  | 348  | 334  | 360  | 380  | 396  | 376  | 405  | 427  | 446  | 416  | 447  | 472  | 493  | 416  | 447  | 472  | 493  | 416  | 447  | 472  | 493  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              |         | LO PR                                | 105  | 111  | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 122  | 134  | 142  | 121  | 129  | 140  | 149  | 127  | 135  | 147  | 157  | 131  | 139  | 152  | 162  | 131  | 139  | 152  | 162  | 131  | 139  | 152  | 162  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1200         | MBh     | 33.9                                 | 34.9 | 37.7 | 40.5 | 33.1 | 34.1 | 36.9 | 39.6 | 32.3 | 33.2 | 36.0 | 38.6 | 31.5 | 32.4 | 35.1 | 37.7 | 29.9 | 30.8 | 33.3 | 35.8 | 27.7 | 28.5 | 30.9 | 33.2 | 27.7 | 28.5 | 30.9 | 33.2 | 27.7 | 28.5 | 30.9 | 33.2 |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | S/T     | 0.81                                 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.38 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | DELTA T | 21                                   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 21   | 19   | 16   | 11   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | HI PR   | 228                                  | 245  | 259  | 270  | 256  | 275  | 290  | 303  | 291  | 313  | 330  | 345  | 331  | 356  | 376  | 392  | 372  | 401  | 423  | 441  | 412  | 443  | 468  | 488  | 412  | 443  | 468  | 488  | 412  | 443  | 468  | 488  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | LO PR   | 104                                  | 110  | 120  | 128  | 110  | 117  | 127  | 135  | 114  | 121  | 132  | 141  | 120  | 127  | 139  | 148  | 125  | 133  | 146  | 155  | 130  | 138  | 151  | 160  | 130  | 138  | 151  | 160  | 130  | 138  | 151  | 160  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
| 1050         | MBh     | 31.3                                 | 32.2 | 34.8 | 37.4 | 30.5 | 31.4 | 34.0 | 36.5 | 29.8 | 30.7 | 33.2 | 35.6 | 29.1 | 29.9 | 32.4 | 34.8 | 27.6 | 28.4 | 30.8 | 33.0 | 25.6 | 26.3 | 28.5 | 30.6 | 25.6 | 26.3 | 28.5 | 30.6 | 25.6 | 26.3 | 28.5 | 30.6 |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | S/T     | 0.78                                 | 0.69 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.88 | 0.79 | 0.60 | 0.39 | 0.89 | 0.80 | 0.60 | 0.39 | 0.89 | 0.80 | 0.60 | 0.39 | 0.89 | 0.80 | 0.60 | 0.39 |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | DELTA T | 21                                   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   | 20   | 18   | 15   | 10   |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | HI PR   | 221                                  | 238  | 251  | 262  | 248  | 267  | 282  | 294  | 282  | 303  | 320  | 334  | 321  | 346  | 365  | 381  | 361  | 389  | 411  | 428  | 399  | 430  | 454  | 473  | 399  | 430  | 454  | 473  | 399  | 430  | 454  | 473  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |
|              | LO PR   | 101                                  | 107  | 117  | 124  | 106  | 113  | 123  | 131  | 110  | 117  | 128  | 137  | 116  | 123  | 135  | 143  | 122  | 129  | 141  | 150  | 126  | 134  | 146  | 156  | 126  | 134  | 146  | 156  | 126  | 134  | 146  | 156  |      |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |

Shaded area is ACCA (TVA) conditions  
High and low pressures are measured at the liquid and suction service access fittings.

IDB: Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

CPG036XXX4BXXX

MODEL: CPG036XXX\*\*XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

| Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, ARI 95 test conditions |         |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|
| Outdoor Ambient Temperature                                                                                                                     |         |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 65                                                                                                                                              |         |         |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105  |      |      |      |      | 115  |      |  |  |  |
| Entering Indoor Wet Bulb Temperature                                                                                                            |         |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |
| 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   |      |  |  |  |
|                                                                                                                                                 | 1350    | MBh     | 35.5 | 36.3 | 38.8 | 41.4 | 34.7 | 35.4 | 37.9 | 40.5 | 33.8 | 34.6 | 37.0 | 39.5 | 33.0 | 33.7 | 36.1 | 38.5 | 31.4 | 32.1 | 34.2 | 36.6 | 29.1 | 29.7 | 31.7 | 33.9 |  |  |  |
|                                                                                                                                                 |         | S/T     | 0.93 | 0.87 | 0.71 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.81 | 0.61 |  |  |  |
|                                                                                                                                                 |         | Delta T | 22   | 21   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 21   | 22   | 19   | 15   | 20   | 20   | 18   | 14   |  |  |  |
|                                                                                                                                                 |         | HI PR   | 232  | 250  | 264  | 275  | 261  | 281  | 296  | 309  | 297  | 319  | 337  | 351  | 338  | 363  | 384  | 400  | 380  | 409  | 432  | 450  | 420  | 452  | 477  | 498  |  |  |  |
|                                                                                                                                                 |         | LO PR   | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 138  | 116  | 124  | 135  | 144  | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 158  | 132  | 141  | 154  | 164  |  |  |  |
| 80                                                                                                                                              |         | MBh     | 34.5 | 35.2 | 37.6 | 40.2 | 33.7 | 34.4 | 36.8 | 39.3 | 32.9 | 33.6 | 35.9 | 38.4 | 32.1 | 32.8 | 35.0 | 37.4 | 30.5 | 31.1 | 33.3 | 35.5 | 28.2 | 28.8 | 30.8 | 32.9 |  |  |  |
|                                                                                                                                                 |         | S/T     | 0.88 | 0.83 | 0.67 | 0.50 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 0.95 | 0.77 | 0.58 |  |  |  |
|                                                                                                                                                 |         | Delta T | 23   | 22   | 19   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 22   | 20   | 16   | 22   | 21   | 18   | 15   |  |  |  |
|                                                                                                                                                 |         | HI PR   | 230  | 248  | 261  | 273  | 258  | 278  | 293  | 306  | 294  | 316  | 334  | 348  | 334  | 360  | 380  | 396  | 376  | 405  | 428  | 446  | 416  | 447  | 472  | 493  |  |  |  |
|                                                                                                                                                 |         | LO PR   | 105  | 111  | 122  | 130  | 111  | 118  | 129  | 137  | 115  | 122  | 134  | 142  | 121  | 129  | 140  | 149  | 127  | 135  | 147  | 157  | 131  | 139  | 152  | 162  |  |  |  |
|                                                                                                                                                 | 1200    | MBh     | 31.8 | 32.5 | 34.7 | 37.1 | 31.1 | 31.7 | 33.9 | 36.3 | 30.3 | 31.0 | 33.1 | 35.4 | 29.6 | 30.2 | 32.3 | 34.5 | 28.1 | 28.7 | 30.7 | 32.8 | 26.0 | 26.6 | 28.4 | 30.4 |  |  |  |
|                                                                                                                                                 |         | S/T     | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 |  |  |  |
|                                                                                                                                                 |         | Delta T | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   |  |  |  |
|                                                                                                                                                 |         | HI PR   | 223  | 240  | 254  | 265  | 250  | 269  | 285  | 297  | 285  | 306  | 324  | 338  | 324  | 349  | 369  | 384  | 365  | 393  | 415  | 433  | 403  | 434  | 458  | 478  |  |  |  |
|                                                                                                                                                 |         | LO PR   | 102  | 108  | 118  | 126  | 107  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  |  |  |  |
| 1050                                                                                                                                            |         | MBh     | 31.8 | 32.5 | 34.7 | 37.1 | 31.1 | 31.7 | 33.9 | 36.3 | 30.3 | 31.0 | 33.1 | 35.4 | 29.6 | 30.2 | 32.3 | 34.5 | 28.1 | 28.7 | 30.7 | 32.8 | 26.0 | 26.6 | 28.4 | 30.4 |  |  |  |
|                                                                                                                                                 |         | S/T     | 0.85 | 0.80 | 0.65 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.93 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 |  |  |  |
|                                                                                                                                                 |         | Delta T | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   |  |  |  |
|                                                                                                                                                 |         | HI PR   | 223  | 240  | 254  | 265  | 250  | 269  | 285  | 297  | 285  | 306  | 324  | 338  | 324  | 349  | 369  | 384  | 365  | 393  | 415  | 433  | 403  | 434  | 458  | 478  |  |  |  |
|                                                                                                                                                 |         | LO PR   | 102  | 108  | 118  | 126  | 107  | 114  | 125  | 133  | 112  | 119  | 130  | 138  | 117  | 125  | 136  | 145  | 123  | 131  | 143  | 152  | 127  | 135  | 148  | 157  |  |  |  |

MODEL : CPG048XXX\*\*XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, ARI 95 test conditions

|      |         | Outdoor Ambient Temperature          |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |     |      |      |      |     |      |      |      |   |
|------|---------|--------------------------------------|------|------|------|----|------|------|------|----|------|------|------|----|------|------|------|-----|------|------|------|-----|------|------|------|---|
|      |         | 65                                   |      |      |      | 75 |      |      |      | 85 |      |      |      | 95 |      |      |      | 105 |      |      |      | 115 |      |      |      |   |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |    |      |      |      |    |      |      |      |    |      |      |      |     |      |      |      |     |      |      |      |   |
| 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   |   |
|      | 1800    | MBh                                  | 45.1 | 46.7 | 51.2 | -  | 44.0 | 45.6 | 50.0 | -  | 43.0 | 44.5 | 48.8 | -  | 41.9 | 43.5 | 47.6 | -   | 39.8 | 41.3 | 45.2 | -   | 36.9 | 38.2 | 41.9 | - |
|      |         | S/T                                  | 0.77 | 0.65 | 0.45 | -  | 0.80 | 0.67 | 0.46 | -  | 0.82 | 0.69 | 0.48 | -  | 0.85 | 0.71 | 0.49 | -   | 0.88 | 0.74 | 0.51 | -   | 0.89 | 0.74 | 0.51 | - |
|      |         | Delta T                              | 18   | 15   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -  | 18   | 16   | 12   | -   | 18   | 16   | 12   | -   | 17   | 14   | 11   | - |
|      |         | HI PR                                | 234  | 252  | 266  | -  | 263  | 283  | 299  | -  | 299  | 322  | 340  | -  | 341  | 367  | 387  | -   | 383  | 412  | 435  | -   | 423  | 456  | 481  | - |
|      |         | LOPR                                 | 105  | 112  | 122  | -  | 111  | 119  | 129  | -  | 116  | 123  | 134  | -  | 122  | 129  | 141  | -   | 127  | 136  | 148  | -   | 132  | 140  | 153  | - |
| 70   | 1600    | MBh                                  | 43.8 | 45.4 | 49.7 | -  | 42.7 | 44.3 | 48.5 | -  | 41.7 | 43.2 | 47.4 | -  | 40.7 | 42.2 | 46.2 | -   | 38.7 | 40.1 | 43.9 | -   | 35.8 | 37.1 | 40.7 | - |
|      |         | S/T                                  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.64 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -  | 0.81 | 0.68 | 0.47 | -   | 0.84 | 0.70 | 0.49 | -   | 0.85 | 0.71 | 0.49 | - |
|      |         | Delta T                              | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -  | 19   | 16   | 12   | -   | 19   | 16   | 12   | -   | 17   | 15   | 11   | - |
|      |         | HI PR                                | 232  | 250  | 264  | -  | 260  | 280  | 296  | -  | 296  | 319  | 336  | -  | 337  | 363  | 383  | -   | 379  | 408  | 431  | -   | 419  | 451  | 476  | - |
|      |         | LOPR                                 | 104  | 111  | 121  | -  | 110  | 117  | 128  | -  | 115  | 122  | 133  | -  | 120  | 128  | 140  | -   | 126  | 134  | 147  | -   | 131  | 139  | 152  | - |
|      | 1400    | MBh                                  | 40.4 | 41.9 | 45.9 | -  | 39.5 | 40.9 | 44.8 | -  | 38.5 | 39.9 | 43.7 | -  | 37.6 | 38.9 | 42.7 | -   | 35.7 | 37.0 | 40.5 | -   | 33.1 | 34.3 | 37.5 | - |
|      |         | S/T                                  | 0.71 | 0.59 | 0.41 | -  | 0.74 | 0.62 | 0.43 | -  | 0.76 | 0.63 | 0.44 | -  | 0.78 | 0.65 | 0.45 | -   | 0.81 | 0.68 | 0.47 | -   | 0.82 | 0.68 | 0.47 | - |
|      |         | Delta T                              | 19   | 16   | 12   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -  | 19   | 17   | 13   | -   | 19   | 16   | 12   | -   | 18   | 15   | 12   | - |
|      |         | HI PR                                | 225  | 242  | 256  | -  | 253  | 272  | 287  | -  | 287  | 309  | 326  | -  | 327  | 352  | 372  | -   | 368  | 396  | 418  | -   | 407  | 438  | 462  | - |
|      |         | LOPR                                 | 101  | 108  | 118  | -  | 107  | 114  | 124  | -  | 111  | 118  | 129  | -  | 117  | 124  | 136  | -   | 122  | 130  | 142  | -   | 127  | 135  | 147  | - |

|    |      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|----|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 75 | 1800 | MBh     | 45.8 | 47.2 | 51.1 | 54.8 | 44.8 | 46.1 | 49.9 | 53.6 | 43.7 | 45.0 | 48.7 | 52.3 | 42.6 | 43.9 | 47.5 | 51.0 | 40.5 | 41.7 | 45.1 | 48.5 | 37.5 | 38.6 | 41.8 | 44.9 |
|    |      | S/T     | 0.88 | 0.79 | 0.60 | 0.38 | 0.91 | 0.81 | 0.62 | 0.40 | 0.93 | 0.84 | 0.63 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 | 1.00 | 0.90 | 0.68 | 0.44 | 1.00 | 0.90 | 0.68 | 0.44 |
|    |      | Delta T | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 19   | 18   | 15   | 10   |
|    |      | HI PR   | 237  | 255  | 269  | 281  | 266  | 286  | 302  | 315  | 302  | 325  | 343  | 358  | 344  | 370  | 391  | 408  | 387  | 417  | 440  | 459  | 428  | 460  | 486  | 507  |
|    | 1600 | LOPR    | 107  | 113  | 124  | 132  | 113  | 120  | 131  | 139  | 117  | 124  | 136  | 145  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 159  | 133  | 142  | 155  | 165  |
|    |      | MBh     | 44.5 | 45.8 | 49.6 | 53.2 | 43.5 | 44.8 | 48.4 | 52.0 | 42.4 | 43.7 | 47.3 | 50.8 | 41.4 | 42.6 | 46.1 | 49.5 | 39.3 | 40.5 | 43.8 | 47.0 | 36.4 | 37.5 | 40.6 | 43.6 |
|    |      | S/T     | 0.84 | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.65 | 0.42 | 0.96 | 0.86 | 0.65 | 0.42 |
|    |      | 1600    | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 10   |
|    | 1400 | HI PR   | 234  | 252  | 266  | 278  | 263  | 283  | 299  | 312  | 299  | 322  | 340  | 354  | 341  | 367  | 387  | 404  | 383  | 412  | 435  | 454  | 423  | 456  | 481  | 502  |
|    |      | LOPR    | 105  | 112  | 122  | 130  | 111  | 119  | 129  | 138  | 116  | 123  | 134  | 143  | 122  | 129  | 141  | 150  | 127  | 136  | 148  | 158  | 132  | 140  | 153  | 163  |
|    |      | MBh     | 41.1 | 42.3 | 45.8 | 49.1 | 40.1 | 41.3 | 44.7 | 48.0 | 39.2 | 40.3 | 43.7 | 46.8 | 38.2 | 39.3 | 42.6 | 45.7 | 36.3 | 37.4 | 40.5 | 43.4 | 33.6 | 34.6 | 37.5 | 40.2 |
|    |      | S/T     | 0.81 | 0.72 | 0.55 | 0.35 | 0.84 | 0.75 | 0.57 | 0.36 | 0.86 | 0.77 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.92 | 0.82 | 0.62 | 0.40 | 0.93 | 0.83 | 0.63 | 0.40 |
|    | 1200 | Delta T | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 12   | 22   | 20   | 17   | 11   | 20   | 19   | 15   | 11   |
|    |      | HI PR   | 227  | 245  | 258  | 269  | 255  | 275  | 290  | 302  | 290  | 312  | 330  | 344  | 330  | 356  | 375  | 392  | 372  | 400  | 422  | 441  | 411  | 442  | 467  | 487  |
|    |      | LOPR    | 102  | 109  | 119  | 127  | 108  | 115  | 126  | 134  | 112  | 119  | 130  | 139  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 153  | 128  | 136  | 149  | 158  |

Shaded area is ACCA (TV/A) conditions  
High and low pressures are measured at the liquid and suction service access fittings.

IDB: Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

CPG048XXX4BXXX

MODEL : CPG048XXX\*\*XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, ARI 95 test conditions

|      |         | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      | 105  |      |      |      |      |      |      |      |      |      | 115  |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
|------|---------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|
|      |         | 65                                   |      |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      |      |      |      |      |      | 105  |      |      |      |      | 115  |      |      |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |
| 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   |      |  |  |
|      | 1800    | MBh                                  | 46.7 | 47.7 | 50.9 | 54.4 | 45.6 | 46.6 | 49.7 | 53.2 | 44.5 | 45.5 | 48.6 | 51.9 | 43.4 | 44.3 | 47.4 | 50.6 | 41.2 | 42.1 | 45.0 | 48.1 | 38.2 | 39.0 | 41.7 | 44.6 | 38.2 | 39.0 | 41.7 | 44.6 | 38.2 | 39.0 | 41.7 | 44.6 |  |  |
|      |         | S/T                                  | 0.96 | 0.90 | 0.74 | 0.55 | 1.00 | 0.94 | 0.76 | 0.57 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 1.00 | 0.81 | 0.60 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 | 1.00 | 1.00 | 0.84 | 0.63 |  |  |
|      |         | Delta T                              | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 16   | 22   | 23   | 20   | 16   | 21   | 22   | 19   | 15   | 20   | 20   | 18   | 14   | 20   | 20   | 18   | 14   | 20   | 20   | 18   | 14   |  |  |
|      |         | HI PR                                | 239  | 257  | 272  | 283  | 268  | 289  | 305  | 318  | 305  | 328  | 347  | 362  | 348  | 374  | 395  | 412  | 391  | 421  | 444  | 463  | 432  | 465  | 491  | 512  | 432  | 465  | 491  | 512  | 432  | 465  | 491  | 512  |  |  |
|      |         | LOPR                                 | 108  | 114  | 125  | 133  | 114  | 121  | 132  | 141  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161  | 135  | 143  | 156  | 166  | 135  | 143  | 156  | 166  | 135  | 143  | 156  | 166  |  |  |
| 80   |         | MBh                                  | 45.3 | 46.3 | 49.5 | 52.9 | 44.2 | 45.2 | 48.3 | 51.6 | 43.2 | 44.1 | 47.2 | 50.4 | 42.1 | 43.1 | 46.0 | 49.2 | 40.0 | 40.9 | 43.7 | 46.7 | 37.1 | 37.9 | 40.5 | 43.3 | 37.1 | 37.9 | 40.5 | 43.3 | 37.1 | 37.9 | 40.5 | 43.3 |  |  |
|      |         | S/T                                  | 0.92 | 0.86 | 0.70 | 0.52 | 0.95 | 0.89 | 0.73 | 0.54 | 0.98 | 0.92 | 0.75 | 0.56 | 1.00 | 0.95 | 0.77 | 0.58 | 1.00 | 0.98 | 0.80 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 | 1.00 | 0.99 | 0.81 | 0.60 |  |  |
|      |         | Delta T                              | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 23   | 23   | 20   | 16   | 21   | 22   | 19   | 15   | 21   | 22   | 19   | 15   | 21   | 22   | 19   | 15   |  |  |
|      |         | HI PR                                | 237  | 255  | 269  | 281  | 266  | 286  | 302  | 315  | 302  | 325  | 343  | 358  | 344  | 370  | 391  | 408  | 387  | 417  | 440  | 459  | 428  | 460  | 486  | 507  | 428  | 460  | 486  | 507  | 428  | 460  | 486  | 507  |  |  |
|      |         | LOPR                                 | 107  | 113  | 124  | 132  | 113  | 120  | 131  | 139  | 117  | 124  | 136  | 145  | 123  | 131  | 143  | 152  | 129  | 137  | 150  | 159  | 133  | 142  | 155  | 165  | 133  | 142  | 155  | 165  | 133  | 142  | 155  | 165  |  |  |
|      | 1400    | MBh                                  | 41.8 | 42.7 | 45.6 | 48.8 | 40.8 | 41.7 | 44.6 | 47.7 | 39.9 | 40.7 | 43.5 | 46.5 | 38.9 | 39.7 | 42.5 | 45.4 | 36.9 | 37.8 | 40.3 | 43.1 | 34.2 | 35.0 | 37.4 | 39.9 | 34.2 | 35.0 | 37.4 | 39.9 | 34.2 | 35.0 | 37.4 | 39.9 |  |  |
|      |         | S/T                                  | 0.89 | 0.83 | 0.68 | 0.51 | 0.92 | 0.86 | 0.70 | 0.52 | 0.94 | 0.88 | 0.72 | 0.54 | 0.97 | 0.91 | 0.74 | 0.55 | 1.01 | 0.95 | 0.77 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 | 1.02 | 0.95 | 0.78 | 0.58 |  |  |
|      |         | Delta T                              | 24   | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 16   | 25   | 24   | 21   | 17   | 24   | 23   | 20   | 16   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   |  |  |
|      |         | HI PR                                | 230  | 247  | 261  | 272  | 258  | 277  | 293  | 305  | 293  | 315  | 333  | 347  | 334  | 359  | 379  | 396  | 375  | 404  | 427  | 445  | 415  | 446  | 471  | 492  | 415  | 446  | 471  | 492  | 415  | 446  | 471  | 492  |  |  |
|      |         | LOPR                                 | 103  | 110  | 120  | 128  | 109  | 116  | 127  | 135  | 113  | 121  | 132  | 140  | 119  | 127  | 138  | 147  | 125  | 133  | 145  | 154  | 129  | 137  | 150  | 160  | 129  | 137  | 150  | 160  | 129  | 137  | 150  | 160  |  |  |

|      |         |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------|---------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 85   | MBh     | 47.5 | 48.4 | 50.7 | 54.1 | 46.4 | 47.3 | 49.5 | 52.8 | 45.3 | 46.1 | 48.3 | 51.6 | 44.2 | 45.0 | 47.1 | 50.3 | 42.0 | 42.8 | 44.8 | 47.8 | 38.9 | 39.6 | 41.5 | 44.3 | 38.9 | 39.6 | 41.5 | 44.3 | 38.9 | 39.6 | 41.5 |
|      | S/T     | 1.00 | 0.98 | 0.88 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.94 | 0.76 | 1.00 | 1.00 | 0.97 | 0.78 | 1.00 | 1.00 | 0.90 | 0.81 | 1.00 | 1.00 | 0.90 | 0.82 | 1.00 | 1.00 | 0.90 | 0.82 | 1.00 | 1.00 | 0.90 |
|      | Delta T | 24   | 24   | 23   | 20   | 24   | 24   | 23   | 20   | 23   | 24   | 23   | 20   | 23   | 23   | 23   | 20   | 21   | 22   | 23   | 20   | 20   | 20   | 21   | 19   | 20   | 20   | 21   | 19   | 20   | 20   | 21   |
|      | HI PR   | 241  | 260  | 274  | 286  | 271  | 292  | 308  | 321  | 308  | 332  | 350  | 365  | 351  | 378  | 399  | 416  | 395  | 425  | 449  | 468  | 436  | 470  | 496  | 517  | 436  | 470  | 496  | 517  | 436  | 470  | 496  |
|      | LO PR   | 109  | 116  | 126  | 134  | 115  | 122  | 133  | 142  | 119  | 127  | 139  | 148  | 125  | 133  | 146  | 155  | 131  | 140  | 153  | 162  | 136  | 145  | 158  | 168  | 136  | 145  | 158  | 168  | 136  | 145  | 158  |
|      | MBh     | 46.1 | 47.0 | 49.2 | 52.5 | 45.0 | 45.9 | 48.1 | 51.3 | 43.9 | 44.8 | 46.9 | 50.1 | 42.9 | 43.7 | 45.8 | 48.8 | 40.7 | 41.5 | 43.5 | 46.4 | 37.7 | 38.5 | 40.3 | 43.0 | 37.7 | 38.5 | 40.3 | 43.0 | 37.7 | 38.5 | 40.3 |
|      | S/T     | 0.96 | 0.93 | 0.84 | 0.68 | 1.00 | 0.96 | 0.87 | 0.71 | 1.00 | 0.99 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 | 0.78 | 1.00 | 1.00 | 0.96 |
|      | Delta T | 26   | 25   | 24   | 21   | 26   | 25   | 24   | 21   | 25   | 25   | 24   | 21   | 25   | 25   | 24   | 21   | 23   | 24   | 24   | 21   | 22   | 22   | 22   | 19   | 22   | 22   | 22   | 19   | 22   | 22   | 19   |
|      | HI PR   | 239  | 257  | 272  | 283  | 268  | 289  | 305  | 318  | 305  | 328  | 347  | 362  | 348  | 374  | 395  | 412  | 391  | 421  | 444  | 463  | 432  | 465  | 491  | 512  | 432  | 465  | 491  | 512  | 432  | 465  | 491  |
|      | LO PR   | 108  | 114  | 125  | 133  | 114  | 121  | 132  | 141  | 118  | 126  | 137  | 146  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 161  | 135  | 143  | 156  | 166  | 135  | 143  | 156  | 166  | 135  | 143  | 156  |
| 1400 | MBh     | 42.5 | 43.4 | 45.4 | 48.5 | 41.5 | 42.4 | 44.4 | 47.3 | 40.6 | 41.3 | 43.3 | 46.2 | 39.6 | 40.3 | 42.2 | 45.1 | 37.6 | 38.3 | 40.1 | 42.8 | 34.8 | 35.5 | 37.2 | 39.7 | 34.8 | 35.5 | 37.2 | 39.7 | 34.8 | 35.5 | 37.2 |
|      | S/T     | 0.93 | 0.90 | 0.81 | 0.66 | 0.96 | 0.93 | 0.84 | 0.68 | 0.99 | 0.95 | 0.86 | 0.70 | 1.00 | 0.98 | 0.89 | 0.72 | 1.00 | 1.00 | 0.92 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.93 | 0.75 | 1.00 | 1.00 | 0.93 |
|      | Delta T | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 24   | 21   | 26   | 26   | 25   | 21   | 25   | 25   | 24   | 21   | 23   | 23   | 23   | 20   | 23   | 23   | 23   | 20   | 23   | 23   | 20   |
|      | HI PR   | 232  | 250  | 264  | 275  | 260  | 280  | 296  | 308  | 296  | 319  | 336  | 351  | 337  | 363  | 383  | 400  | 379  | 408  | 431  | 449  | 419  | 451  | 476  | 497  | 419  | 451  | 476  | 497  | 419  | 451  | 476  |
|      | LO PR   | 104  | 111  | 121  | 129  | 110  | 117  | 128  | 136  | 115  | 122  | 133  | 142  | 120  | 128  | 140  | 149  | 126  | 134  | 147  | 156  | 130  | 139  | 152  | 161  | 130  | 139  | 152  | 161  | 130  | 139  | 152  |

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

NOTE: Shaded area is ARI Rating Conditions

EXPANDED PERFORMANCE DATA

MODEL: CPG060XXX\*\*XXX

Design Subcooling 9 ±3 °F @ the liquid and suction service access fittings, ARI 95 test conditions

COOLING OPERATION

| IDB* Airflow |      | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      | 95   |      |      |      |      |      |      |      |      |      | 105  |      |      |      |      |     |  |  |  |  | 115 |  |  |  |  |  |  |  |  |  |
|--------------|------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-----|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|
|              |      | 65                                   |      |      |      |      | 75   |      |      |      |      | 85   |      |      |      |      | 95   |      |      |      |      | 105  |      |      |      |      | 115 |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 70           | 2190 | MBh                                  | 58.6 | 60.7 | 66.5 | -    | 57.2 | 59.3 | 65.0 | -    | 55.9 | 57.9 | 63.5 | -    | 54.5 | 56.5 | 61.9 | -    | 51.8 | 53.7 | 58.8 | -    | 48.0 | 49.7 | 54.5 | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | S/T                                  | 0.72 | 0.60 | 0.42 | -    | 0.74 | 0.62 | 0.43 | -    | 0.76 | 0.64 | 0.44 | -    | 0.79 | 0.66 | 0.46 | -    | 0.82 | 0.68 | 0.47 | -    | 0.82 | 0.69 | 0.48 | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | DELTA T                              | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 15   | 12   | -    | 18   | 16   | 12   | -    | 18   | 15   | 12   | -    | 17   | 14   | 11   | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | HI PR                                | 247  | 266  | 281  | -    | 277  | 299  | 315  | -    | 316  | 340  | 359  | -    | 359  | 387  | 408  | -    | 404  | 435  | 459  | -    | 447  | 481  | 508  | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | LO PR                                | 105  | 112  | 122  | -    | 111  | 118  | 129  | -    | 116  | 123  | 134  | -    | 121  | 129  | 141  | -    | 127  | 135  | 148  | -    | 132  | 140  | 153  | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 1947         |      | MBh                                  | 56.9 | 59.0 | 64.6 | -    | 55.6 | 57.6 | 63.1 | -    | 54.2 | 56.2 | 61.6 | -    | 52.9 | 54.9 | 60.1 | -    | 50.3 | 52.1 | 57.1 | -    | 46.6 | 48.3 | 52.9 | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | S/T                                  | 0.68 | 0.57 | 0.40 | -    | 0.71 | 0.59 | 0.41 | -    | 0.73 | 0.61 | 0.42 | -    | 0.75 | 0.63 | 0.43 | -    | 0.78 | 0.65 | 0.45 | -    | 0.79 | 0.66 | 0.45 | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | DELTA T                              | 18   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 17   | 15   | 11   | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | HI PR                                | 245  | 263  | 278  | -    | 275  | 296  | 312  | -    | 312  | 336  | 355  | -    | 356  | 383  | 404  | -    | 400  | 431  | 455  | -    | 442  | 476  | 503  | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | LO PR                                | 104  | 111  | 121  | -    | 110  | 117  | 128  | -    | 114  | 122  | 133  | -    | 120  | 128  | 140  | -    | 126  | 134  | 146  | -    | 130  | 139  | 151  | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 1703         |      | MBh                                  | 52.5 | 54.4 | 59.6 | -    | 51.3 | 53.2 | 58.2 | -    | 50.1 | 51.9 | 56.9 | -    | 48.9 | 50.6 | 55.5 | -    | 46.4 | 48.1 | 52.7 | -    | 43.0 | 44.6 | 48.8 | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | S/T                                  | 0.66 | 0.55 | 0.38 | -    | 0.68 | 0.57 | 0.40 | -    | 0.70 | 0.59 | 0.41 | -    | 0.72 | 0.60 | 0.42 | -    | 0.75 | 0.63 | 0.43 | -    | 0.76 | 0.63 | 0.44 | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | DELTA T                              | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 16   | 12   | -    | 19   | 17   | 13   | -    | 19   | 16   | 12   | -    | 18   | 15   | 12   | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | HI PR                                | 237  | 256  | 270  | -    | 266  | 287  | 303  | -    | 303  | 326  | 344  | -    | 345  | 371  | 392  | -    | 388  | 418  | 441  | -    | 429  | 462  | 488  | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | LO PR                                | 101  | 107  | 117  | -    | 107  | 114  | 124  | -    | 111  | 118  | 129  | -    | 117  | 124  | 135  | -    | 122  | 130  | 142  | -    | 126  | 134  | 147  | -    |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 75           | 2190 | MBh                                  | 59.6 | 61.4 | 66.4 | 71.3 | 58.2 | 59.9 | 64.9 | 69.6 | 56.8 | 58.5 | 63.3 | 68.0 | 55.4 | 57.1 | 61.8 | 66.3 | 52.7 | 54.2 | 58.7 | 63.0 | 48.8 | 50.2 | 54.4 | 58.4 |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | S/T                                  | 0.82 | 0.73 | 0.55 | 0.36 | 0.85 | 0.76 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.89 | 0.80 | 0.61 | 0.39 | 0.93 | 0.83 | 0.63 | 0.40 | 0.94 | 0.84 | 0.63 | 0.41 |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | DELTA T                              | 20   | 19   | 15   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 16   | 11   | 21   | 19   | 15   | 11   | 19   | 18   | 14   | 10   |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | HI PR                                | 250  | 269  | 284  | 296  | 280  | 302  | 318  | 332  | 319  | 343  | 362  | 378  | 363  | 391  | 413  | 430  | 408  | 440  | 464  | 484  | 451  | 486  | 513  | 535  |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | LO PR                                | 106  | 113  | 123  | 131  | 112  | 119  | 130  | 139  | 117  | 124  | 136  | 144  | 123  | 130  | 142  | 152  | 128  | 137  | 149  | 159  | 133  | 141  | 154  | 164  |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 1947         |      | MBh                                  | 57.9 | 59.6 | 64.5 | 69.2 | 56.5 | 58.2 | 63.0 | 67.6 | 55.2 | 56.8 | 61.5 | 66.0 | 53.8 | 55.4 | 60.0 | 64.4 | 51.1 | 52.6 | 57.0 | 61.2 | 47.4 | 48.8 | 52.8 | 56.7 |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | S/T                                  | 0.78 | 0.70 | 0.53 | 0.34 | 0.81 | 0.72 | 0.55 | 0.35 | 0.83 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.89 | 0.79 | 0.60 | 0.39 | 0.89 | 0.80 | 0.60 | 0.39 |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | DELTA T                              | 21   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | HI PR                                | 247  | 266  | 281  | 293  | 278  | 299  | 315  | 329  | 316  | 340  | 359  | 374  | 359  | 387  | 408  | 426  | 404  | 435  | 460  | 479  | 447  | 481  | 508  | 530  |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | LO PR                                | 105  | 112  | 122  | 130  | 111  | 118  | 129  | 137  | 116  | 123  | 134  | 143  | 121  | 129  | 141  | 150  | 127  | 135  | 148  | 157  | 132  | 140  | 153  | 163  |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 1703         |      | MBh                                  | 53.4 | 55.0 | 59.5 | 63.9 | 52.2 | 53.7 | 58.1 | 62.4 | 50.9 | 52.4 | 56.7 | 60.9 | 49.7 | 51.1 | 55.4 | 59.4 | 47.2 | 48.6 | 52.6 | 56.4 | 43.7 | 45.0 | 48.7 | 52.3 |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | S/T                                  | 0.75 | 0.67 | 0.51 | 0.33 | 0.78 | 0.70 | 0.53 | 0.34 | 0.80 | 0.71 | 0.54 | 0.35 | 0.82 | 0.74 | 0.56 | 0.36 | 0.85 | 0.76 | 0.58 | 0.37 | 0.86 | 0.77 | 0.58 | 0.38 |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | DELTA T                              | 22   | 20   | 16   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 17   | 11   | 22   | 20   | 16   | 11   | 20   | 19   | 15   | 11   |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | HI PR                                | 240  | 258  | 273  | 284  | 269  | 290  | 306  | 319  | 306  | 329  | 348  | 363  | 349  | 375  | 396  | 413  | 392  | 422  | 446  | 465  | 433  | 466  | 493  | 514  |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|              |      | LO PR                                | 102  | 109  | 119  | 126  | 108  | 115  | 125  | 133  | 112  | 119  | 130  | 139  | 118  | 125  | 137  | 146  | 123  | 131  | 143  | 153  | 128  | 136  | 148  | 158  |     |  |  |  |  |     |  |  |  |  |  |  |  |  |  |

Shaded area is ACCA (TVA) conditions  
IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service access fittings.

COOLING PERFORMANCE DATA

CPG060XXX4BXXX

EXPANDED PERFORMANCE DATA  
MODEL: CPG060XXX\*\*XXX  
Design Subcooling 9 ±3 °F @ the liquid and suction service access fittings, ARI 95 test conditions

| IDB* |         | Airflow |      | Outdoor Ambient Temperature          |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |     |  |  |  |  |  |
|------|---------|---------|------|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|-----|--|--|--|--|--|
|      |         |         |      | 65                                   |      |      |      |      |      | 75   |      |      |      |      |      | 85   |      |      |      |      |      | 95   |      |      |      |      |      | 105  |      |  |  |  |  | 115 |  |  |  |  |  |
|      |         |         |      | Entering Indoor Wet Bulb Temperature |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |     |  |  |  |  |  |
| 2190 | MBh     | 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   |  |  |  |  |     |  |  |  |  |  |
|      | S/T     | 60.7    | 62.0 | 66.2                                 | 70.8 | 59.2 | 60.5 | 64.7 | 69.1 | 57.8 | 59.1 | 63.1 | 67.5 | 56.4 | 57.7 | 61.6 | 65.8 | 53.6 | 54.8 | 58.5 | 62.6 | 49.7 | 50.7 | 54.2 | 57.9 | 49.7 | 50.7 | 54.2 | 57.9 |  |  |  |  |     |  |  |  |  |  |
|      | DELTA T | 0.89    | 0.84 | 0.68                                 | 0.51 | 0.93 | 0.87 | 0.71 | 0.53 | 0.95 | 0.89 | 0.73 | 0.54 | 1.00 | 0.92 | 0.75 | 0.56 | 1.00 | 0.96 | 0.78 | 0.58 | 1.00 | 0.96 | 0.78 | 0.59 | 1.00 | 0.96 | 0.78 | 0.59 |  |  |  |  |     |  |  |  |  |  |
|      | HI PR   | 23      | 22   | 19                                   | 15   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 24   | 22   | 19   | 15   | 23   | 22   | 19   | 15   | 21   | 21   | 18   | 14   | 21   | 21   | 18   | 14   |  |  |  |  |     |  |  |  |  |  |
|      | LO PR   | 252     | 272  | 287                                  | 299  | 283  | 305  | 322  | 336  | 322  | 346  | 366  | 382  | 367  | 395  | 417  | 435  | 413  | 444  | 469  | 489  | 456  | 491  | 518  | 540  | 456  | 491  | 518  | 540  |  |  |  |  |     |  |  |  |  |  |
|      | LO PR   | 107     | 114  | 125                                  | 133  | 113  | 121  | 132  | 140  | 118  | 125  | 137  | 146  | 124  | 132  | 144  | 153  | 130  | 138  | 151  | 160  | 134  | 143  | 156  | 166  | 134  | 143  | 156  | 166  |  |  |  |  |     |  |  |  |  |  |
| 1947 | MBh     | 58.9    | 60.2 | 64.3                                 | 68.7 | 57.5 | 58.8 | 62.8 | 67.1 | 56.1 | 57.4 | 61.3 | 65.5 | 54.8 | 56.0 | 59.8 | 63.9 | 52.0 | 53.2 | 56.8 | 60.7 | 48.2 | 49.3 | 52.6 | 56.3 | 48.2 | 49.3 | 52.6 | 56.3 |  |  |  |  |     |  |  |  |  |  |
|      | S/T     | 0.85    | 0.80 | 0.65                                 | 0.49 | 0.88 | 0.83 | 0.67 | 0.50 | 0.91 | 0.85 | 0.69 | 0.52 | 0.94 | 0.88 | 0.71 | 0.53 | 0.97 | 0.91 | 0.74 | 0.55 | 0.98 | 0.92 | 0.75 | 0.56 | 0.98 | 0.92 | 0.75 | 0.56 |  |  |  |  |     |  |  |  |  |  |
|      | DELTA T | 24      | 23   | 20                                   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   | 22   | 21   | 19   | 15   |  |  |  |  |     |  |  |  |  |  |
|      | HI PR   | 250     | 269  | 284                                  | 296  | 280  | 302  | 319  | 332  | 319  | 343  | 362  | 378  | 363  | 391  | 413  | 430  | 408  | 440  | 464  | 484  | 451  | 486  | 513  | 535  | 451  | 486  | 513  | 535  |  |  |  |  |     |  |  |  |  |  |
|      | LO PR   | 106     | 113  | 123                                  | 131  | 112  | 119  | 130  | 139  | 117  | 124  | 136  | 144  | 123  | 130  | 142  | 152  | 128  | 137  | 149  | 159  | 133  | 141  | 154  | 164  | 133  | 141  | 154  | 164  |  |  |  |  |     |  |  |  |  |  |
|      | LO PR   | 106     | 113  | 123                                  | 131  | 112  | 119  | 130  | 139  | 117  | 124  | 136  | 144  | 123  | 130  | 142  | 152  | 128  | 137  | 149  | 159  | 133  | 141  | 154  | 164  | 133  | 141  | 154  | 164  |  |  |  |  |     |  |  |  |  |  |
| 1703 | MBh     | 54.4    | 55.5 | 59.3                                 | 63.4 | 53.1 | 54.2 | 58.0 | 62.0 | 51.8 | 53.0 | 56.6 | 60.5 | 50.6 | 51.7 | 55.2 | 59.0 | 48.0 | 49.1 | 52.4 | 56.1 | 44.5 | 45.5 | 48.6 | 51.9 | 44.5 | 45.5 | 48.6 | 51.9 |  |  |  |  |     |  |  |  |  |  |
|      | S/T     | 0.82    | 0.77 | 0.63                                 | 0.47 | 0.85 | 0.80 | 0.65 | 0.49 | 0.87 | 0.82 | 0.67 | 0.50 | 0.90 | 0.85 | 0.69 | 0.51 | 0.94 | 0.88 | 0.71 | 0.53 | 0.94 | 0.89 | 0.72 | 0.54 | 0.94 | 0.89 | 0.72 | 0.54 |  |  |  |  |     |  |  |  |  |  |
|      | DELTA T | 24      | 23   | 20                                   | 16   | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 25   | 24   | 21   | 16   | 24   | 23   | 20   | 16   | 23   | 22   | 19   | 15   | 23   | 22   | 19   | 15   |  |  |  |  |     |  |  |  |  |  |
|      | HI PR   | 242     | 261  | 275                                  | 287  | 272  | 293  | 309  | 322  | 309  | 333  | 351  | 367  | 352  | 379  | 400  | 417  | 396  | 426  | 450  | 470  | 438  | 471  | 497  | 519  | 438  | 471  | 497  | 519  |  |  |  |  |     |  |  |  |  |  |
|      | LO PR   | 103     | 110  | 120                                  | 128  | 109  | 116  | 126  | 135  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 129  | 137  | 150  | 159  | 129  | 137  | 150  | 159  |  |  |  |  |     |  |  |  |  |  |
|      | LO PR   | 103     | 110  | 120                                  | 128  | 109  | 116  | 126  | 135  | 113  | 120  | 131  | 140  | 119  | 126  | 138  | 147  | 125  | 133  | 145  | 154  | 129  | 137  | 150  | 159  | 129  | 137  | 150  | 159  |  |  |  |  |     |  |  |  |  |  |

Shaded area is ARI Rating Conditions  
High and low pressures are measured at the liquid and suction service access fittings.  
IDB: Entering Indoor Dry Bulb Temperature

EXPANDED PERFORMANCE DATA

MODEL: CPG090\*\*\*XXXX

COOLING OPERATION

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid access fittings, ARI 95 test conditions

|      |         | Outdoor Ambient Temperature          |      |      |       |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |
|------|---------|--------------------------------------|------|------|-------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|--|--|--|--|--|--|--|
|      |         | 65                                   |      |      |       | 75    |      |      |      | 85    |      |      |      | 95    |      |      |      | 105  |      |      |      | 115  |      |      |      |      |  |  |  |  |  |  |  |
|      |         | Entering Indoor Wet Bulb Temperature |      |      |       |       |      |      |      |       |      |      |      |       |      |      |      |      |      |      |      |      |      |      |      |      |  |  |  |  |  |  |  |
| 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   | 3375    | MBh                                  | 88.2 | 91.4 | 100.2 | -     | 86.1 | 89.3 | 97.8 | -     | 84.1 | 87.2 | 95.5 | -     | 82.0 | 85.0 | 93.2 | -    | 77.9 | 80.8 | 88.5 | -    | 72.2 | 74.8 | 82.0 | -    |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.73 | 0.61 | 0.42  | -     | 0.76 | 0.63 | 0.44 | -     | 0.78 | 0.65 | 0.45 | -     | 0.80 | 0.67 | 0.47 | -    | 0.83 | 0.70 | 0.48 | -    | 0.84 | 0.70 | 0.49 | -    |  |  |  |  |  |  |  |
|      |         | Delta T                              | 18   | 15   | 12    | -     | 18   | 15   | 12   | -     | 18   | 15   | 12   | -     | 18   | 16   | 12   | -    | 18   | 15   | 12   | -    | 17   | 14   | 11   | -    |  |  |  |  |  |  |  |
|      |         | HI PR                                | 234  | 252  | 266   | -     | 262  | 282  | 298  | -     | 298  | 321  | 339  | -     | 340  | 366  | 386  | -    | 382  | 411  | 434  | -    | 422  | 454  | 480  | -    |  |  |  |  |  |  |  |
|      |         | LO PR                                | 108  | 115  | 126   | -     | 114  | 122  | 133  | -     | 119  | 126  | 138  | -     | 125  | 133  | 145  | -    | 131  | 139  | 152  | -    | 135  | 144  | 157  | -    |  |  |  |  |  |  |  |
|      | 3000    | MBh                                  | 85.6 | 88.7 | 97.2  | -     | 83.6 | 86.7 | 95.0 | -     | 81.6 | 84.6 | 92.7 | -     | 79.7 | 82.6 | 90.5 | -    | 75.7 | 78.4 | 85.9 | -    | 70.1 | 72.6 | 79.6 | -    |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.70 | 0.58 | 0.40  | -     | 0.72 | 0.61 | 0.42 | -     | 0.74 | 0.62 | 0.43 | -     | 0.77 | 0.64 | 0.44 | -    | 0.80 | 0.66 | 0.46 | -    | 0.80 | 0.67 | 0.46 | -    |  |  |  |  |  |  |  |
|      |         | Delta T                              | 18   | 16   | 12    | -     | 19   | 16   | 12   | -     | 19   | 16   | 12   | -     | 19   | 16   | 12   | -    | 18   | 16   | 12   | -    | 17   | 15   | 11   | -    |  |  |  |  |  |  |  |
|      |         | HI PR                                | 231  | 249  | 263   | -     | 260  | 279  | 295  | -     | 295  | 318  | 336  | -     | 336  | 362  | 382  | -    | 378  | 407  | 430  | -    | 418  | 450  | 475  | -    |  |  |  |  |  |  |  |
|      |         | LO PR                                | 107  | 114  | 124   | -     | 113  | 120  | 132  | -     | 118  | 125  | 137  | -     | 124  | 132  | 144  | -    | 130  | 138  | 150  | -    | 134  | 143  | 156  | -    |  |  |  |  |  |  |  |
| 2400 | MBh     | 79.0                                 | 81.9 | 89.7 | -     | 77.2  | 80.0 | 87.7 | -    | 75.4  | 78.1 | 85.6 | -    | 73.5  | 76.2 | 83.5 | -    | 69.8 | 72.4 | 79.3 | -    | 64.7 | 67.1 | 73.5 | -    |      |  |  |  |  |  |  |  |
|      | S/T     | 0.67                                 | 0.56 | 0.39 | -     | 0.70  | 0.58 | 0.40 | -    | 0.72  | 0.60 | 0.41 | -    | 0.74  | 0.62 | 0.43 | -    | 0.77 | 0.64 | 0.44 | -    | 0.77 | 0.65 | 0.45 | -    |      |  |  |  |  |  |  |  |
|      | Delta T | 20                                   | 18   | 13   | -     | 21    | 18   | 14   | -    | 21    | 18   | 14   | -    | 21    | 18   | 14   | -    | 21   | 18   | 13   | -    | 19   | 17   | 13   | -    |      |  |  |  |  |  |  |  |
|      | HI PR   | 224                                  | 242  | 255  | -     | 252   | 271  | 286  | -    | 286   | 308  | 326  | -    | 326   | 351  | 371  | -    | 367  | 395  | 417  | -    | 406  | 436  | 461  | -    |      |  |  |  |  |  |  |  |
|      | LO PR   | 104                                  | 111  | 121  | -     | 110   | 117  | 128  | -    | 114   | 121  | 133  | -    | 120   | 128  | 139  | -    | 126  | 134  | 146  | -    | 130  | 138  | 151  | -    |      |  |  |  |  |  |  |  |
| 75   | 3375    | MBh                                  | 89.7 | 92.3 | 100.0 | 107.3 | 87.6 | 90.2 | 97.6 | 104.8 | 85.5 | 88.0 | 95.3 | 102.3 | 83.4 | 85.9 | 93.0 | 99.8 | 79.3 | 81.6 | 88.3 | 94.8 | 73.4 | 75.6 | 81.8 | 87.8 |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.83 | 0.75 | 0.56  | 0.36  | 0.86 | 0.77 | 0.58 | 0.38  | 0.89 | 0.79 | 0.60 | 0.39  | 0.91 | 0.82 | 0.62 | 0.40 | 0.95 | 0.85 | 0.64 | 0.41 | 0.96 | 0.86 | 0.65 | 0.42 |  |  |  |  |  |  |  |
|      |         | Delta T                              | 20   | 19   | 15    | 11    | 21   | 19   | 16   | 11    | 21   | 19   | 16   | 11    | 21   | 19   | 16   | 11   | 20   | 19   | 15   | 11   | 19   | 18   | 14   | 10   |  |  |  |  |  |  |  |
|      |         | HI PR                                | 236  | 254  | 268   | 280   | 265  | 285  | 301  | 314   | 301  | 324  | 342  | 357   | 343  | 369  | 390  | 407  | 386  | 415  | 439  | 458  | 427  | 459  | 485  | 506  |  |  |  |  |  |  |  |
|      |         | LO PR                                | 109  | 116  | 127   | 135   | 116  | 123  | 134  | 143   | 120  | 128  | 139  | 149   | 126  | 134  | 146  | 156  | 132  | 141  | 154  | 163  | 137  | 145  | 159  | 169  |  |  |  |  |  |  |  |
|      | 3000    | MBh                                  | 87.1 | 89.7 | 97.0  | 104.1 | 85.1 | 87.6 | 94.8 | 101.7 | 83.0 | 85.5 | 92.5 | 99.3  | 81.0 | 83.4 | 90.3 | 96.9 | 77.0 | 79.2 | 85.8 | 92.0 | 71.3 | 73.4 | 79.4 | 85.3 |  |  |  |  |  |  |  |
|      |         | S/T                                  | 0.79 | 0.71 | 0.54  | 0.35  | 0.82 | 0.74 | 0.56 | 0.36  | 0.84 | 0.76 | 0.57 | 0.37  | 0.87 | 0.78 | 0.59 | 0.38 | 0.90 | 0.81 | 0.61 | 0.39 | 0.91 | 0.82 | 0.62 | 0.40 |  |  |  |  |  |  |  |
|      |         | Delta T                              | 21   | 20   | 16    | 11    | 21   | 20   | 16   | 11    | 21   | 20   | 16   | 11    | 22   | 20   | 16   | 11   | 21   | 20   | 16   | 11   | 20   | 18   | 15   | 10   |  |  |  |  |  |  |  |
|      |         | HI PR                                | 234  | 252  | 266   | 277   | 262  | 282  | 298  | 311   | 298  | 321  | 339  | 354   | 340  | 366  | 386  | 403  | 382  | 411  | 434  | 453  | 422  | 454  | 480  | 501  |  |  |  |  |  |  |  |
|      |         | LO PR                                | 108  | 115  | 126   | 134   | 114  | 122  | 133  | 141   | 119  | 126  | 138  | 147   | 125  | 133  | 145  | 154  | 131  | 139  | 152  | 162  | 135  | 144  | 157  | 167  |  |  |  |  |  |  |  |
| 2400 | MBh     | 80.4                                 | 82.7 | 89.6 | 96.1  | 78.5  | 80.8 | 87.5 | 93.9 | 76.6  | 78.9 | 85.4 | 91.7 | 74.8  | 77.0 | 83.3 | 89.4 | 71.0 | 73.1 | 79.2 | 85.0 | 65.8 | 67.7 | 73.3 | 78.7 |      |  |  |  |  |  |  |  |
|      | S/T     | 0.77                                 | 0.69 | 0.52 | 0.33  | 0.79  | 0.71 | 0.54 | 0.35 | 0.81  | 0.73 | 0.55 | 0.35 | 0.84  | 0.75 | 0.57 | 0.37 | 0.87 | 0.78 | 0.59 | 0.38 | 0.88 | 0.79 | 0.60 | 0.38 |      |  |  |  |  |  |  |  |
|      | Delta T | 24                                   | 22   | 18   | 12    | 24    | 22   | 18   | 12   | 24    | 22   | 18   | 12   | 24    | 22   | 18   | 13   | 24   | 22   | 18   | 12   | 22   | 20   | 17   | 12   |      |  |  |  |  |  |  |  |
|      | HI PR   | 227                                  | 244  | 258  | 269   | 254   | 274  | 289  | 302  | 289   | 311  | 329  | 343  | 330   | 355  | 375  | 391  | 371  | 399  | 421  | 439  | 410  | 441  | 466  | 486  |      |  |  |  |  |  |  |  |
|      | LO PR   | 105                                  | 112  | 122  | 130   | 111   | 118  | 129  | 137  | 115   | 123  | 134  | 143  | 121   | 129  | 141  | 150  | 127  | 135  | 147  | 157  | 131  | 140  | 153  | 162  |      |  |  |  |  |  |  |  |

Shaded area is ACCA (TVA) conditions  
High and low pressures are measured at the liquid and suction access fittings.

IDB: Entering Indoor Dry Bulb Temperature

COOLING PERFORMANCE DATA

CPG090XXX4\*XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: CPG090\*\*\*XXXX

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid access fittings, ARI 95 test conditions

|      |         | Outdoor Ambient Temperature |      |      |       |      |      |      |       |      |      | 95   |       |      |      |      |      |      |      |      |      | 105  |      |      |      |    |     |    |    |  |  | 115 |  |  |  |  |  |  |  |  |  |
|------|---------|-----------------------------|------|------|-------|------|------|------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|----|-----|----|----|--|--|-----|--|--|--|--|--|--|--|--|--|
|      |         | 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 |  |  |     |  |  |  |  |  |  |  |  |  |
|      | MBh     | 91.3                        | 93.3 | 99.7 | 106.5 | 89.2 | 91.1 | 97.3 | 104.1 | 87.0 | 88.9 | 95.0 | 101.6 | 84.9 | 86.8 | 92.7 | 99.1 | 80.7 | 82.4 | 88.1 | 94.1 | 74.7 | 76.4 | 81.6 | 87.2 |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | S/T     | 0.91                        | 0.86 | 0.70 | 0.52  | 0.95 | 0.89 | 0.72 | 0.54  | 1.00 | 0.91 | 0.74 | 0.55  | 1.00 | 0.94 | 0.77 | 0.57 | 1.00 | 1.00 | 0.79 | 0.59 | 1.00 | 1.00 | 0.80 | 0.60 |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | Delta T | 23                          | 22   | 19   | 15    | 23   | 22   | 19   | 15    | 24   | 22   | 19   | 15    | 23   | 22   | 19   | 15   | 22   | 22   | 19   | 15   | 20   | 21   | 18   | 14   |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | HI PR   | 238                         | 257  | 271  | 283   | 268  | 288  | 304  | 317   | 304  | 328  | 346  | 361   | 347  | 373  | 394  | 411  | 390  | 420  | 443  | 462  | 431  | 464  | 490  | 511  |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | LO PR   | 110                         | 118  | 128  | 137   | 117  | 124  | 136  | 144   | 121  | 129  | 141  | 150   | 127  | 136  | 148  | 156  | 134  | 142  | 155  | 165  | 138  | 147  | 160  | 171  |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
| 80   | MBh     | 88.6                        | 90.6 | 96.8 | 103.4 | 86.6 | 88.5 | 94.5 | 101.0 | 84.5 | 86.3 | 92.3 | 98.6  | 82.4 | 84.2 | 90.0 | 96.2 | 78.3 | 80.0 | 85.5 | 91.4 | 72.5 | 74.1 | 79.2 | 84.7 |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | S/T     | 0.87                        | 0.82 | 0.67 | 0.50  | 0.90 | 0.85 | 0.69 | 0.52  | 0.93 | 0.87 | 0.71 | 0.53  | 0.96 | 0.90 | 0.73 | 0.55 | 0.99 | 0.93 | 0.76 | 0.57 | 1.00 | 0.94 | 0.76 | 0.57 |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | Delta T | 24                          | 23   | 20   | 16    | 24   | 23   | 20   | 16    | 24   | 23   | 20   | 16    | 24   | 23   | 20   | 16   | 24   | 23   | 20   | 16   | 22   | 21   | 19   | 15   |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | HI PR   | 236                         | 254  | 268  | 280   | 265  | 285  | 301  | 314   | 301  | 324  | 342  | 357   | 343  | 369  | 390  | 407  | 386  | 415  | 439  | 458  | 427  | 459  | 485  | 506  |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | LO PR   | 109                         | 116  | 127  | 135   | 116  | 123  | 134  | 143   | 120  | 128  | 139  | 149   | 126  | 134  | 147  | 156  | 132  | 141  | 154  | 164  | 137  | 145  | 159  | 169  |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | MBh     | 81.8                        | 83.6 | 89.3 | 95.5  | 79.9 | 81.6 | 87.2 | 93.2  | 78.0 | 79.7 | 85.1 | 91.0  | 76.1 | 77.8 | 83.1 | 88.8 | 72.3 | 73.9 | 78.9 | 84.4 | 67.0 | 68.4 | 73.1 | 78.1 |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | S/T     | 0.84                        | 0.79 | 0.64 | 0.48  | 0.87 | 0.82 | 0.67 | 0.50  | 0.89 | 0.84 | 0.68 | 0.51  | 0.92 | 0.86 | 0.70 | 0.53 | 0.96 | 0.90 | 0.73 | 0.55 | 0.97 | 0.91 | 0.74 | 0.55 |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | Delta T | 26                          | 25   | 22   | 18    | 27   | 26   | 22   | 18    | 27   | 26   | 22   | 18    | 27   | 26   | 22   | 18   | 27   | 25   | 22   | 18   | 25   | 24   | 21   | 16   |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | HI PR   | 229                         | 246  | 260  | 271   | 257  | 277  | 292  | 305   | 292  | 315  | 332  | 346   | 333  | 358  | 378  | 395  | 375  | 403  | 426  | 444  | 414  | 445  | 470  | 490  |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |
|      | LO PR   | 106                         | 113  | 123  | 131   | 112  | 119  | 130  | 139   | 116  | 124  | 135  | 144   | 122  | 130  | 142  | 151  | 128  | 136  | 149  | 159  | 133  | 141  | 154  | 164  |    |     |    |    |  |  |     |  |  |  |  |  |  |  |  |  |

| 85   | 3375    | MBh     | 92.9 | 94.7 | 99.2  | 105.8 | 90.7 | 92.5 | 96.8  | 103.3 | 88.6 | 90.3 | 94.5 | 100.9 | 86.4 | 88.1 | 92.2 | 98.4 | 82.1 | 83.7 | 87.6 | 93.5 | 76.0 | 77.5 | 81.2 | 86.6 |      |
|------|---------|---------|------|------|-------|-------|------|------|-------|-------|------|------|------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|
|      |         | S/T     | 0.96 | 0.92 | 0.83  | 0.68  | 0.99 | 0.96 | 0.86  | 0.70  | 1.00 | 0.98 | 0.89 | 0.72  | 1.00 | 1.00 | 1.00 | 0.92 | 0.74 | 1.00 | 1.00 | 0.95 | 0.77 | 1.00 | 1.00 | 0.96 | 0.78 |
|      |         | Delta T | 24   | 24   | 23    | 20    | 25   | 24   | 23    | 20    | 24   | 24   | 23   | 20    | 24   | 24   | 24   | 23   | 20   | 22   | 23   | 23   | 20   | 21   | 21   | 21   | 18   |
|      |         | HI PR   | 241  | 259  | 274   | 285   | 270  | 291  | 307   | 320   | 307  | 331  | 349  | 364   | 350  | 377  | 398  | 415  | 394  | 424  | 448  | 467  | 435  | 468  | 495  | 516  |      |
|      |         | LO PR   | 112  | 119  | 130   | 138   | 118  | 125  | 137   | 146   | 122  | 130  | 142  | 152   | 129  | 137  | 149  | 159  | 135  | 143  | 157  | 167  | 139  | 148  | 162  | 173  |      |
| 3000 | MBh     | 90.2    | 91.9 | 96.3 | 102.7 | 88.1  | 89.8 | 94.0 | 100.3 | 86.0  | 87.6 | 91.8 | 97.9 | 83.9  | 85.5 | 89.6 | 95.5 | 79.7 | 81.2 | 85.1 | 90.8 | 73.8 | 75.2 | 78.8 | 84.1 |      |      |
|      | S/T     | 0.91    | 0.88 | 0.80 | 0.65  | 0.95  | 0.91 | 0.82 | 0.67  | 0.97  | 0.94 | 0.85 | 0.69 | 1.00  | 0.97 | 0.87 | 0.71 | 1.00 | 1.00 | 0.91 | 0.74 | 1.00 | 1.00 | 0.91 | 0.74 |      |      |
|      | Delta T | 25      | 25   | 23   | 20    | 26    | 25   | 24   | 21    | 26    | 25   | 24   | 21   | 26    | 25   | 24   | 21   | 24   | 25   | 24   | 20   | 23   | 23   | 22   | 19   |      |      |
|      | HI PR   | 238     | 257  | 271  | 283   | 268   | 288  | 304  | 317   | 304   | 328  | 346  | 361  | 347   | 373  | 394  | 411  | 390  | 420  | 443  | 462  | 431  | 464  | 490  | 511  |      |      |
|      | LO PR   | 110     | 118  | 128  | 137   | 117   | 124  | 136  | 144   | 121   | 129  | 141  | 150  | 127   | 136  | 148  | 158  | 134  | 142  | 155  | 165  | 138  | 147  | 160  | 171  |      |      |
| 2400 | MBh     | 83.2    | 84.8 | 88.9 | 94.8  | 81.3  | 82.9 | 86.8 | 92.6  | 79.4  | 80.9 | 84.7 | 90.4 | 77.4  | 78.9 | 82.7 | 88.2 | 73.6 | 75.0 | 78.5 | 83.8 | 68.1 | 69.4 | 72.7 | 77.6 |      |      |
|      | S/T     | 0.88    | 0.85 | 0.77 | 0.62  | 0.91  | 0.88 | 0.80 | 0.65  | 0.94  | 0.90 | 0.82 | 0.66 | 0.97  | 0.93 | 0.84 | 0.68 | 1.00 | 0.97 | 0.87 | 0.71 | 1.00 | 0.98 | 0.88 | 0.71 |      |      |
|      | Delta T | 28      | 28   | 26   | 23    | 28    | 28   | 26   | 23    | 28    | 28   | 26   | 23   | 29    | 28   | 27   | 27   | 28   | 28   | 26   | 23   | 26   | 26   | 25   | 21   |      |      |
|      | HI PR   | 231     | 249  | 263  | 274   | 260   | 279  | 295  | 308   | 295   | 318  | 335  | 350  | 336   | 362  | 382  | 397  | 378  | 407  | 430  | 448  | 418  | 450  | 475  | 495  |      |      |
|      | LO PR   | 107     | 114  | 124  | 133   | 113   | 120  | 131  | 140   | 118   | 125  | 137  | 146  | 124   | 131  | 144  | 153  | 130  | 138  | 150  | 160  | 134  | 143  | 156  | 166  |      |      |

MODEL: CPG102XXX\*BXXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Subcooling, 10±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±2 °F @ the compressor suction access fitting connection.

| Outdoor Ambient Temperature                |         |                                      |       |       |       |      |       |       |       |      |      |       |       |      |      |       |       |      |      |       |       |      |      |      |      |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|--------------------------------------------|---------|--------------------------------------|-------|-------|-------|------|-------|-------|-------|------|------|-------|-------|------|------|-------|-------|------|------|-------|-------|------|------|------|------|----|----|----|----|----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|-----|--|--|--|--|--|--|--|--|--|
| 65                                         |         |                                      |       |       |       |      |       |       |       | 75   |      |       |       |      |      |       |       |      |      | 85    |       |      |      |      |      |    |    |    |    | 95 |  |  |  |  |  |  |  |  |  | 105 |  |  |  |  |  |  |  |  |  | 115 |  |  |  |  |  |  |  |  |  |
| IDB*                                       | Airflow | Entering Indoor Wet Bulb Temperature |       |       |       |      |       |       |       |      |      |       |       |      |      |       |       |      |      |       |       |      |      |      |      |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            |         | 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 |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 3600                                       | MBh     | 100.0                                | 103.6 | 113.5 | -     | 97.6 | 101.2 | 110.9 | -     | 95.3 | 98.8 | 108.2 | -     | 93.0 | 96.4 | 105.6 | -     | 88.3 | 91.6 | 100.3 | -     | 81.8 | 84.8 | 92.9 | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | S/T     | 0.69                                 | 0.58  | 0.40  | -     | 0.72 | 0.60  | 0.42  | -     | 0.74 | 0.62 | 0.43  | -     | 0.76 | 0.64 | 0.44  | -     | 0.79 | 0.66 | 0.46  | -     | 0.80 | 0.67 | 0.46 | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Delta T | 18                                   | 15    | 12    | -     | 18   | 16    | 12    | -     | 18   | 16   | 12    | -     | 18   | 16   | 12    | -     | 18   | 15   | 12    | -     | 17   | 14   | 11   | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Hi PR   | 245                                  | 263   | 278   | -     | 274  | 295   | 312   | -     | 312  | 336  | 355   | -     | 355  | 382  | 404   | -     | 400  | 430  | 454   | -     | 442  | 475  | 502  | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | LO PR   | 104                                  | 110   | 120   | -     | 109  | 116   | 127   | -     | 114  | 121  | 132   | -     | 119  | 127  | 139   | -     | 125  | 133  | 145   | -     | 130  | 138  | 150  | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 3200                                       | MBh     | 97.0                                 | 100.6 | 110.2 | -     | 94.8 | 98.2  | 107.6 | -     | 92.5 | 95.9 | 105.1 | -     | 90.3 | 93.6 | 102.5 | -     | 85.8 | 88.9 | 97.4  | -     | 79.4 | 82.3 | 90.2 | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | S/T     | 0.66                                 | 0.55  | 0.38  | -     | 0.69 | 0.57  | 0.40  | -     | 0.70 | 0.59 | 0.41  | -     | 0.73 | 0.61 | 0.42  | -     | 0.75 | 0.63 | 0.44  | -     | 0.76 | 0.63 | 0.44 | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Delta T | 18                                   | 16    | 12    | -     | 19   | 16    | 12    | -     | 19   | 16   | 12    | -     | 19   | 16   | 12    | -     | 19   | 16   | 12    | -     | 17   | 15   | 11   | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Hi PR   | 242                                  | 261   | 275   | -     | 272  | 292   | 309   | -     | 309  | 332  | 351   | -     | 352  | 379  | 400   | -     | 396  | 426  | 450   | -     | 437  | 471  | 497  | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | LO PR   | 103                                  | 109   | 119   | -     | 108  | 115   | 126   | -     | 113  | 120  | 131   | -     | 118  | 126  | 137   | -     | 124  | 132  | 144   | -     | 128  | 136  | 149  | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 2800                                       | MBh     | 89.6                                 | 92.8  | 101.7 | -     | 87.5 | 90.7  | 99.3  | -     | 85.4 | 88.5 | 97.0  | -     | 83.3 | 86.4 | 94.6  | -     | 79.2 | 82.0 | 89.9  | -     | 73.3 | 76.0 | 83.3 | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | S/T     | 0.64                                 | 0.53  | 0.37  | -     | 0.66 | 0.55  | 0.38  | -     | 0.68 | 0.57 | 0.39  | -     | 0.70 | 0.58 | 0.41  | -     | 0.73 | 0.61 | 0.42  | -     | 0.73 | 0.61 | 0.42 | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Delta T | 19                                   | 16    | 12    | -     | 19   | 16    | 12    | -     | 19   | 16   | 12    | -     | 19   | 17   | 13    | -     | 19   | 16   | 12    | -     | 18   | 15   | 12   | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Hi PR   | 235                                  | 253   | 267   | -     | 264  | 284   | 299   | -     | 300  | 323  | 341   | -     | 341  | 367  | 388   | -     | 384  | 413  | 436   | -     | 424  | 457  | 482  | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | LO PR   | 99                                   | 106   | 116   | -     | 105  | 112   | 122   | -     | 109  | 116  | 127   | -     | 115  | 122  | 133   | -     | 120  | 128  | 140   | -     | 124  | 132  | 144  | -    |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| * Entering Indoor Dry Bulb Temperature     |         |                                      |       |       |       |      |       |       |       |      |      |       |       |      |      |       |       |      |      |       |       |      |      |      |      |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 3600                                       | MBh     | 101.6                                | 104.7 | 113.3 | 121.6 | 99.3 | 102.2 | 110.6 | 118.8 | 96.9 | 99.8 | 108.0 | 115.9 | 94.6 | 97.4 | 105.4 | 113.1 | 89.8 | 92.5 | 100.1 | 107.4 | 83.2 | 85.7 | 92.7 | 99.5 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | S/T     | 0.79                                 | 0.71  | 0.53  | 0.34  | 0.82 | 0.73  | 0.55  | 0.36  | 0.84 | 0.75 | 0.57  | 0.37  | 0.87 | 0.77 | 0.59  | 0.38  | 0.90 | 0.80 | 0.61  | 0.39  | 0.91 | 0.81 | 0.61 | 0.39 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Delta T | 20                                   | 19    | 15    | 11    | 21   | 19    | 16    | 11    | 21   | 19   | 16    | 11    | 21   | 19   | 16    | 11    | 21   | 19   | 16    | 11    | 19   | 18   | 15   | 10   |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Hi PR   | 247                                  | 266   | 281   | 293   | 277  | 298   | 315   | 329   | 315  | 339  | 358   | 374   | 359  | 386  | 408   | 426   | 404  | 435  | 459   | 479   | 446  | 480  | 507  | 529  |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | LO PR   | 105                                  | 111   | 122   | 129   | 111  | 118   | 128   | 137   | 115  | 122  | 133   | 142   | 121  | 128  | 140   | 149   | 126  | 135  | 147   | 156   | 131  | 139  | 152  | 162  |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 3200                                       | MBh     | 98.7                                 | 101.6 | 110.0 | 118.0 | 96.4 | 99.2  | 107.4 | 115.3 | 94.1 | 96.9 | 104.9 | 112.5 | 91.8 | 94.5 | 102.3 | 109.8 | 87.2 | 89.8 | 97.2  | 104.3 | 80.8 | 83.2 | 90.0 | 96.6 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | S/T     | 0.75                                 | 0.67  | 0.51  | 0.33  | 0.78 | 0.70  | 0.53  | 0.34  | 0.80 | 0.72 | 0.54  | 0.35  | 0.83 | 0.74 | 0.56  | 0.36  | 0.86 | 0.77 | 0.58  | 0.37  | 0.86 | 0.77 | 0.58 | 0.38 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Delta T | 21                                   | 20    | 16    | 11    | 22   | 20    | 16    | 11    | 22   | 20   | 16    | 11    | 22   | 20   | 16    | 11    | 21   | 20   | 16    | 11    | 20   | 18   | 15   | 10   |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Hi PR   | 245                                  | 263   | 278   | 290   | 274  | 295   | 312   | 325   | 312  | 336  | 355   | 370   | 355  | 383  | 404   | 421   | 400  | 430  | 454   | 474   | 442  | 476  | 502  | 524  |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | LO PR   | 104                                  | 110   | 120   | 128   | 109  | 116   | 127   | 135   | 114  | 121  | 132   | 141   | 120  | 127  | 139   | 148   | 125  | 133  | 145   | 155   | 130  | 138  | 150  | 160  |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| 2800                                       | MBh     | 91.1                                 | 93.8  | 101.5 | 108.9 | 89.0 | 91.6  | 99.1  | 106.4 | 86.8 | 89.4 | 96.8  | 103.9 | 84.7 | 87.2 | 94.4  | 101.3 | 80.5 | 82.9 | 89.7  | 96.3  | 74.6 | 76.8 | 83.1 | 89.2 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | S/T     | 0.73                                 | 0.65  | 0.49  | 0.32  | 0.75 | 0.67  | 0.51  | 0.33  | 0.77 | 0.69 | 0.52  | 0.34  | 0.80 | 0.71 | 0.54  | 0.35  | 0.83 | 0.74 | 0.56  | 0.36  | 0.83 | 0.74 | 0.56 | 0.36 |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Delta T | 22                                   | 20    | 16    | 11    | 22   | 20    | 17    | 11    | 22   | 20   | 17    | 11    | 22   | 20   | 17    | 12    | 22   | 20   | 16    | 11    | 20   | 19   | 15   | 11   |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | Hi PR   | 237                                  | 255   | 270   | 281   | 266  | 286   | 303   | 316   | 303  | 326  | 344   | 359   | 345  | 371  | 392   | 409   | 388  | 417  | 441   | 460   | 429  | 461  | 487  | 508  |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
|                                            | LO PR   | 101                                  | 107   | 117   | 124   | 106  | 113   | 123   | 131   | 110  | 117  | 128   | 137   | 116  | 123  | 135   | 143   | 121  | 129  | 141   | 150   | 126  | 134  | 146  | 155  |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |
| NOTE: Shaded area is ACCA (TVA) conditions |         |                                      |       |       |       |      |       |       |       |      |      |       |       |      |      |       |       |      |      |       |       |      |      |      |      |    |    |    |    |    |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |     |  |  |  |  |  |  |  |  |  |

COOLING PERFORMANCE DATA

CPG102XXX4\*XXX

MODEL: CPG102XXX\*BXXX      EXPANDED PERFORMANCE DATA      COOLING OPERATION

Design Subcooling, 10±2 °F @ the liquid access fitting connection AHRI 95 test conditions. Design Superheat 8±2°F @ the compressor suction access fitting connection.

| Outdoor Ambient Temperature |         |         |       |       |       |       |       |       |       | 105                                  |       |       |       |       |       |       |       |       |       | 115  |      |      |       |       |       |       |       |       |       |
|-----------------------------|---------|---------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|-------|
| 65                          |         |         |       |       |       |       |       |       |       | 85                                   |       |       |       |       |       |       |       |       |       | 95   |      |      |       |       |       |       |       |       |       |
| IDB*                        | Airflow | 59      | 63    | 67    | 71    | 75    | 79    | 83    | 87    | Entering Indoor Wet Bulb Temperature |       |       |       |       |       |       |       |       |       | 105  |      |      |       |       |       |       |       |       |       |
| 80                          | 3600    | MBh     | 103.5 | 105.7 | 112.9 | 120.7 | 128.5 | 136.3 | 144.1 | 59                                   | 63    | 67    | 71    | 75    | 79    | 83    | 87    | 91    | 95    | 59   | 63   | 67   | 71    | 75    | 79    | 83    | 87    | 91    | 95    |
|                             |         | S/T     | 0.87  | 0.81  | 0.66  | 0.49  | 0.32  | 0.15  | 0.00  | 98.6                                 | 100.8 | 107.7 | 115.1 | 122.0 | 128.9 | 135.8 | 142.7 | 149.6 | 156.5 | 91.4 | 93.4 | 99.8 | 106.7 | 113.6 | 120.5 | 127.4 | 134.3 | 141.2 | 148.1 |
|                             |         | Delta T | 23    | 22    | 19    | 15    | 11    | 8     | 5     | 23                                   | 22    | 19    | 15    | 11    | 8     | 5     | 2     | 0     | 0     | 1.00 | 0.92 | 0.75 | 0.56  | 0.37  | 0.18  | 0.00  | 0.00  | 0.00  | 0.00  |
|                             |         | HI PR   | 250   | 269   | 284   | 296   | 306   | 316   | 326   | 318                                  | 343   | 362   | 377   | 392   | 407   | 422   | 437   | 452   | 467   | 408  | 439  | 464  | 484   | 504   | 524   | 544   | 564   | 584   | 604   |
|                             |         | LO PR   | 106   | 112   | 123   | 131   | 138   | 145   | 152   | 116                                  | 123   | 135   | 144   | 151   | 158   | 165   | 172   | 179   | 186   | 128  | 136  | 148  | 158   | 168   | 178   | 188   | 198   | 208   | 218   |
|                             | 3200    | MBh     | 100.4 | 102.6 | 109.7 | 117.2 | 124.7 | 132.2 | 139.7 | 95.8                                 | 97.9  | 104.6 | 111.8 | 118.9 | 126.0 | 133.1 | 140.2 | 147.3 | 154.4 | 88.8 | 90.7 | 96.9 | 103.6 | 110.3 | 117.0 | 123.7 | 130.4 | 137.1 | 143.8 |
|                             |         | S/T     | 0.83  | 0.77  | 0.63  | 0.47  | 0.30  | 0.13  | 0.00  | 0.88                                 | 0.82  | 0.67  | 0.50  | 0.33  | 0.16  | 0.00  | 0.00  | 0.00  | 0.00  | 0.94 | 0.88 | 0.72 | 0.54  | 0.37  | 0.20  | 0.03  | 0.00  | 0.00  | 0.00  |
|                             |         | Delta T | 24    | 23    | 20    | 16    | 12    | 9     | 6     | 24                                   | 23    | 20    | 16    | 12    | 9     | 6     | 3     | 0     | 0     | 24   | 23   | 20   | 16    | 12    | 9     | 6     | 3     | 0     | 0     |
|                             |         | HI PR   | 247   | 266   | 281   | 293   | 303   | 313   | 323   | 315                                  | 339   | 358   | 374   | 389   | 404   | 419   | 434   | 449   | 464   | 404  | 435  | 459  | 479   | 499   | 519   | 539   | 559   | 579   | 599   |
|                             |         | LO PR   | 105   | 111   | 122   | 129   | 136   | 143   | 150   | 111                                  | 122   | 133   | 142   | 151   | 160   | 169   | 178   | 187   | 196   | 127  | 135  | 147  | 156   | 165   | 174   | 183   | 192   | 201   | 210   |
| 85                          | 2800    | MBh     | 92.7  | 94.7  | 101.2 | 108.2 | 115.2 | 122.2 | 129.2 | 88.4                                 | 90.3  | 96.5  | 103.2 | 109.9 | 116.6 | 123.3 | 130.0 | 136.7 | 143.4 | 81.9 | 83.7 | 89.4 | 95.6  | 101.8 | 108.0 | 114.2 | 120.4 | 126.6 | 132.8 |
|                             |         | S/T     | 0.80  | 0.75  | 0.61  | 0.45  | 0.28  | 0.11  | 0.00  | 0.85                                 | 0.79  | 0.65  | 0.48  | 0.31  | 0.14  | 0.00  | 0.00  | 0.00  | 0.00  | 0.91 | 0.85 | 0.69 | 0.52  | 0.35  | 0.18  | 0.01  | 0.00  | 0.00  | 0.00  |
|                             |         | Delta T | 24    | 23    | 20    | 16    | 12    | 9     | 6     | 25                                   | 24    | 20    | 16    | 12    | 9     | 6     | 3     | 0     | 0     | 24   | 23   | 20   | 16    | 12    | 9     | 6     | 3     | 0     | 0     |
|                             |         | HI PR   | 240   | 258   | 272   | 284   | 294   | 304   | 314   | 306                                  | 329   | 348   | 362   | 376   | 390   | 404   | 418   | 432   | 446   | 382  | 422  | 445  | 464   | 483   | 502   | 521   | 540   | 559   | 578   |
|                             |         | LO PR   | 102   | 108   | 118   | 126   | 134   | 142   | 150   | 111                                  | 119   | 129   | 138   | 147   | 156   | 165   | 174   | 183   | 192   | 123  | 131  | 143  | 152   | 161   | 170   | 179   | 188   | 197   | 206   |
|                             | 3600    | MBh     | 105.3 | 107.3 | 112.4 | 119.9 | 127.4 | 134.9 | 142.4 | 100.4                                | 102.3 | 107.1 | 114.3 | 121.5 | 128.7 | 135.9 | 143.1 | 150.3 | 157.5 | 93.0 | 94.8 | 99.3 | 105.9 | 112.5 | 119.1 | 125.7 | 132.3 | 138.9 | 145.5 |
|                             |         | S/T     | 0.91  | 0.88  | 0.79  | 0.64  | 0.49  | 0.34  | 0.19  | 0.96                                 | 0.93  | 0.84  | 0.68  | 0.51  | 0.34  | 0.17  | 0.00  | 0.00  | 0.00  | 1.00 | 1.00 | 0.90 | 0.73  | 0.56  | 0.39  | 0.22  | 0.05  | 0.00  | 0.00  |
|                             |         | Delta T | 24    | 24    | 23    | 20    | 16    | 12    | 9     | 25                                   | 24    | 23    | 20    | 16    | 12    | 9     | 6     | 3     | 0     | 24   | 24   | 23   | 20    | 16    | 12    | 9     | 6     | 3     | 0     |
|                             |         | HI PR   | 252   | 271   | 286   | 299   | 311   | 323   | 335   | 322                                  | 346   | 365   | 381   | 396   | 410   | 424   | 438   | 452   | 466   | 412  | 443  | 468  | 488   | 508   | 528   | 548   | 568   | 588   | 608   |
|                             |         | LO PR   | 107   | 114   | 124   | 132   | 140   | 148   | 156   | 117                                  | 125   | 136   | 145   | 154   | 163   | 172   | 181   | 190   | 200   | 129  | 137  | 150  | 160   | 170   | 180   | 190   | 200   | 210   | 220   |
| 85                          | 3200    | MBh     | 102.2 | 104.2 | 109.1 | 116.4 | 123.7 | 131.0 | 138.3 | 97.4                                 | 99.3  | 104.0 | 111.0 | 118.0 | 125.0 | 132.0 | 139.0 | 146.0 | 153.0 | 90.3 | 92.1 | 96.4 | 102.9 | 109.4 | 115.9 | 122.4 | 128.9 | 135.4 | 141.9 |
|                             |         | S/T     | 0.87  | 0.83  | 0.75  | 0.61  | 0.46  | 0.31  | 0.16  | 0.92                                 | 0.89  | 0.80  | 0.65  | 0.49  | 0.33  | 0.17  | 0.01  | 0.00  | 0.00  | 0.98 | 0.95 | 0.86 | 0.70  | 0.54  | 0.38  | 0.22  | 0.06  | 0.00  | 0.00  |
|                             |         | Delta T | 25    | 25    | 24    | 20    | 16    | 12    | 9     | 26                                   | 25    | 24    | 21    | 17    | 13    | 10    | 7     | 4     | 1     | 26   | 25   | 24   | 21    | 17    | 13    | 10    | 7     | 4     | 1     |
|                             |         | HI PR   | 250   | 269   | 284   | 296   | 306   | 316   | 326   | 318                                  | 343   | 362   | 377   | 392   | 407   | 422   | 437   | 452   | 467   | 408  | 439  | 464  | 484   | 504   | 524   | 544   | 564   | 584   | 604   |
|                             |         | LO PR   | 106   | 112   | 123   | 131   | 138   | 145   | 152   | 116                                  | 123   | 135   | 144   | 151   | 158   | 165   | 172   | 179   | 186   | 128  | 136  | 148  | 158   | 168   | 178   | 188   | 198   | 208   | 218   |
|                             | 2800    | MBh     | 94.3  | 96.2  | 100.7 | 107.4 | 114.1 | 120.8 | 127.5 | 89.9                                 | 91.7  | 96.0  | 102.4 | 108.8 | 115.2 | 121.6 | 128.0 | 134.4 | 140.8 | 83.4 | 85.0 | 89.0 | 94.9  | 100.8 | 106.7 | 112.6 | 118.5 | 124.4 | 130.3 |
|                             |         | S/T     | 0.83  | 0.80  | 0.73  | 0.59  | 0.45  | 0.31  | 0.17  | 0.89                                 | 0.86  | 0.77  | 0.63  | 0.48  | 0.33  | 0.18  | 0.03  | 0.00  | 0.00  | 0.95 | 0.92 | 0.83 | 0.67  | 0.50  | 0.33  | 0.16  | 0.00  | 0.00  | 0.00  |
|                             |         | Delta T | 26    | 25    | 24    | 21    | 17    | 13    | 10    | 26                                   | 26    | 24    | 21    | 17    | 13    | 10    | 7     | 4     | 1     | 26   | 26   | 24   | 21    | 17    | 13    | 10    | 7     | 4     | 1     |
|                             |         | HI PR   | 242   | 260   | 275   | 287   | 297   | 307   | 317   | 309                                  | 332   | 351   | 366   | 381   | 396   | 411   | 426   | 441   | 456   | 396  | 426  | 450  | 469   | 489   | 509   | 529   | 549   | 569   | 589   |
|                             |         | LO PR   | 103   | 109   | 119   | 127   | 135   | 143   | 151   | 113                                  | 120   | 131   | 139   | 147   | 155   | 163   | 171   | 179   | 187   | 124  | 132  | 144  | 153   | 162   | 171   | 180   | 189   | 197   | 206   |

\* NOTE: Shaded areas are TVA and AHRI Rating Condition IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction access fittings.

EXPANDED PERFORMANCE DATA

COOLING OPERATION

MODEL: CPG120XXX\*\*XXX      Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, ARI 95 test conditions

|      |         | 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     | 115.6                       | 119.8 | 131.3 | -     | 112.9 | 117.1 | 128.3 | -     | 110.3 | 114.3 | 125.2 | -     | 107.6 | 111.5 | 122.1 | -     | 102.2 | 105.9 | 116.0 | -     | 94.7 | 98.1 | 107.5 | -     |
|      | ST      | 0.74                        | 0.62  | 0.43  | -     | 0.77  | 0.64  | 0.45  | -     | 0.79  | 0.66  | 0.46  | -     | 0.82  | 0.68  | 0.47  | -     | 0.85  | 0.71  | 0.49  | -     | 0.85 | 0.71 | 0.49  | -     |
|      | Delta T | 18                          | 15    | 12    | -     | 18    | 15    | 12    | -     | 18    | 15    | 12    | -     | 18    | 16    | 12    | -     | 18    | 15    | 12    | -     | 17   | 14   | 11    | -     |
|      | HI PR   | 247                         | 265   | 280   | -     | 277   | 298   | 314   | -     | 315   | 339   | 358   | -     | 358   | 386   | 407   | -     | 403   | 434   | 458   | -     | 446  | 479  | 506   | -     |
|      | LOPR    | 106                         | 113   | 124   | -     | 112   | 120   | 131   | -     | 117   | 124   | 136   | -     | 123   | 131   | 143   | -     | 129   | 137   | 149   | -     | 133  | 142  | 155   | -     |
| 4000 | MBh     | 112.3                       | 116.4 | 127.5 | -     | 109.7 | 113.7 | 124.5 | -     | 107.0 | 110.9 | 121.6 | -     | 104.4 | 108.2 | 118.6 | -     | 99.2  | 102.8 | 112.7 | -     | 91.9 | 95.3 | 104.4 | -     |
|      | ST      | 0.71                        | 0.59  | 0.41  | -     | 0.73  | 0.61  | 0.43  | -     | 0.75  | 0.63  | 0.44  | -     | 0.78  | 0.65  | 0.45  | -     | 0.81  | 0.67  | 0.47  | -     | 0.81 | 0.68 | 0.47  | -     |
|      | Delta T | 18                          | 16    | 12    | -     | 19    | 16    | 12    | -     | 19    | 16    | 12    | -     | 19    | 16    | 12    | -     | 18    | 16    | 12    | -     | 17   | 15   | 11    | -     |
|      | HI PR   | 244                         | 263   | 277   | -     | 274   | 295   | 311   | -     | 312   | 335   | 354   | -     | 355   | 382   | 403   | -     | 399   | 430   | 454   | -     | 441  | 475  | 501   | -     |
|      | LOPR    | 105                         | 112   | 122   | -     | 111   | 118   | 129   | -     | 116   | 123   | 134   | -     | 122   | 129   | 141   | -     | 127   | 135   | 148   | -     | 132  | 140  | 153   | -     |
| 3200 | MBh     | 103.6                       | 107.4 | 117.7 | -     | 101.2 | 104.9 | 114.9 | -     | 98.8  | 102.4 | 112.2 | -     | 96.4  | 99.9  | 109.5 | -     | 91.6  | 94.9  | 104.0 | -     | 84.8 | 87.9 | 96.3  | -     |
|      | ST      | 0.68                        | 0.57  | 0.40  | -     | 0.71  | 0.59  | 0.41  | -     | 0.73  | 0.61  | 0.42  | -     | 0.75  | 0.63  | 0.43  | -     | 0.78  | 0.65  | 0.45  | -     | 0.78 | 0.66 | 0.45  | -     |
|      | Delta T | 20                          | 18    | 13    | -     | 21    | 18    | 14    | -     | 21    | 18    | 14    | -     | 21    | 18    | 14    | -     | 20    | 18    | 13    | -     | 19   | 17   | 13    | -     |
|      | HI PR   | 237                         | 255   | 269   | -     | 266   | 286   | 302   | -     | 302   | 325   | 343   | -     | 344   | 370   | 391   | -     | 387   | 417   | 440   | -     | 428  | 460  | 486   | -     |
|      | LOPR    | 102                         | 109   | 119   | -     | 108   | 115   | 125   | -     | 112   | 119   | 130   | -     | 118   | 125   | 137   | -     | 124   | 131   | 143   | -     | 128  | 136  | 148   | -     |
| 75   | MBh     | 117.6                       | 121.1 | 131.0 | 140.6 | 114.9 | 118.3 | 128.0 | 137.4 | 112.1 | 115.4 | 125.0 | 134.1 | 109.4 | 112.6 | 121.9 | 130.8 | 103.9 | 107.0 | 115.8 | 124.3 | 96.3 | 99.1 | 107.3 | 115.1 |
|      | ST      | 0.84                        | 0.76  | 0.57  | 0.37  | 0.88  | 0.78  | 0.59  | 0.38  | 0.90  | 0.80  | 0.61  | 0.39  | 0.93  | 0.83  | 0.63  | 0.40  | 0.96  | 0.86  | 0.65  | 0.42  | 0.97 | 0.87 | 0.66  | 0.42  |
|      | Delta T | 20                          | 19    | 15    | 11    | 21    | 19    | 16    | 11    | 21    | 19    | 16    | 11    | 21    | 19    | 16    | 11    | 21    | 19    | 15    | 11    | 19   | 18   | 14    | 10    |
|      | HI PR   | 249                         | 268   | 283   | 295   | 280   | 301   | 318   | 331   | 318   | 342   | 361   | 377   | 362   | 390   | 411   | 429   | 407   | 438   | 463   | 483   | 450  | 484  | 511   | 533   |
|      | LOPR    | 107                         | 114   | 125   | 133   | 114   | 121   | 132   | 140   | 118   | 126   | 137   | 146   | 124   | 132   | 144   | 153   | 130   | 138   | 151   | 161   | 134  | 143  | 156   | 166   |
| 4000 | MBh     | 114.2                       | 117.5 | 127.2 | 136.6 | 111.5 | 114.8 | 124.3 | 133.4 | 108.9 | 112.1 | 121.3 | 130.2 | 106.2 | 109.3 | 118.4 | 127.0 | 100.9 | 103.9 | 112.4 | 120.7 | 93.5 | 96.2 | 104.2 | 111.8 |
|      | ST      | 0.81                        | 0.72  | 0.55  | 0.35  | 0.84  | 0.75  | 0.57  | 0.36  | 0.86  | 0.77  | 0.58  | 0.37  | 0.88  | 0.79  | 0.60  | 0.38  | 0.92  | 0.82  | 0.62  | 0.40  | 0.93 | 0.83 | 0.63  | 0.40  |
|      | Delta T | 21                          | 19    | 16    | 11    | 21    | 20    | 16    | 11    | 21    | 20    | 16    | 11    | 22    | 20    | 16    | 11    | 21    | 20    | 16    | 11    | 20   | 18   | 15    | 10    |
|      | AMPS    | 28.9                        | 29.4  | 30.1  | 30.9  | 30.6  | 31.1  | 31.8  | 32.7  | 32.4  | 33.0  | 33.8  | 34.8  | 34.1  | 34.7  | 35.6  | 36.6  | 35.7  | 36.4  | 37.3  | 38.4  | 37.3 | 38.0 | 39.0  | 40.1  |
|      | LOPR    | 106                         | 113   | 124   | 132   | 112   | 120   | 131   | 139   | 117   | 124   | 136   | 145   | 123   | 131   | 143   | 152   | 129   | 137   | 149   | 159   | 133  | 142  | 155   | 165   |
| 3200 | MBh     | 105.4                       | 108.5 | 117.4 | 126.0 | 102.9 | 106.0 | 114.7 | 123.1 | 100.5 | 103.4 | 112.0 | 120.2 | 98.0  | 100.9 | 109.2 | 117.2 | 93.1  | 95.9  | 103.8 | 111.4 | 86.3 | 88.8 | 96.1  | 103.2 |
|      | ST      | 0.78                        | 0.69  | 0.53  | 0.34  | 0.81  | 0.72  | 0.55  | 0.35  | 0.83  | 0.74  | 0.56  | 0.36  | 0.85  | 0.76  | 0.58  | 0.37  | 0.88  | 0.79  | 0.60  | 0.39  | 0.89 | 0.80 | 0.60  | 0.39  |
|      | Delta T | 24                          | 22    | 18    | 12    | 24    | 22    | 18    | 12    | 24    | 22    | 18    | 12    | 24    | 22    | 18    | 13    | 24    | 22    | 18    | 12    | 22   | 20   | 17    | 12    |
|      | HI PR   | 239                         | 257   | 272   | 284   | 268   | 289   | 305   | 318   | 305   | 329   | 347   | 362   | 348   | 374   | 395   | 412   | 391   | 421   | 445   | 464   | 432  | 465  | 491   | 512   |
|      | LOPR    | 103                         | 110   | 120   | 128   | 109   | 116   | 127   | 135   | 113   | 121   | 132   | 140   | 119   | 127   | 138   | 147   | 125   | 133   | 145   | 154   | 129  | 137  | 150   | 160   |

Shaded area is ACCA (TVA) conditions  
IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service access fittings.

COOLING PERFORMANCE DATA

CPG120XXX4\*X\*X

MODEL: CPG120XXX\*\*XXX

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, ARI 95 test conditions

EXPANDED PERFORMANCE DATA

COOLING OPERATION

|      |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       | 95    |       |       |       |       |                                      |       |       |       |       | 105   |      |       |       |       |      |       |       |       |      | 115   |       |       |    |  |  |  |  |  |  |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------|-------|-------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|------|-------|-------|-------|----|--|--|--|--|--|--|
|      |         | 65                          |       |       |       |       | 75    |       |       |       |       | 85    |       |       |       |       | Entering Indoor Wet Bulb Temperature |       |       |       |       | 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    |       |    |  |  |  |  |  |  |
| 80   | 4500    | MBh                         | 119.7 | 122.3 | 130.7 | 139.7 | 116.9 | 119.4 | 127.6 | 136.4 | 114.1 | 116.6 | 124.6 | 133.2 | 111.3 | 113.8 | 121.5                                | 129.9 | 105.8 | 108.1 | 115.5 | 123.4 | 98.0 | 100.1 | 107.0 | 114.3 | 98.0 | 100.1 | 107.0 | 114.3 | 98.0 | 100.1 | 107.0 | 114.3 |    |  |  |  |  |  |  |
|      |         | S/T                         | 0.93  | 0.87  | 0.71  | 0.53  | 0.96  | 0.90  | 0.73  | 0.55  | 1.00  | 0.92  | 0.75  | 0.56  | 1.00  | 0.95  | 0.78                                 | 0.58  | 1.00  | 1.00  | 0.81  | 0.60  | 1.00 | 1.00  | 0.81  | 0.60  | 1.00 | 1.00  | 0.81  | 0.61  | 0.61 | 0.61  | 0.81  | 0.61  |    |  |  |  |  |  |  |
|      |         | Delta T                     | 23    | 22    | 19    | 15    | 23    | 22    | 19    | 15    | 23    | 22    | 19    | 15    | 23    | 22    | 19                                   | 15    | 22    | 22    | 19    | 15    | 20   | 20    | 20    | 18    | 14   | 20    | 20    | 20    | 20   | 20    | 18    | 14    | 14 |  |  |  |  |  |  |
|      |         | HI PR                       | 252   | 271   | 286   | 298   | 282   | 304   | 321   | 335   | 321   | 346   | 365   | 381   | 366   | 394   | 416                                  | 433   | 411   | 443   | 468   | 488   | 455  | 489   | 517   | 539   | 455  | 489   | 517   | 539   | 455  | 489   | 517   | 539   |    |  |  |  |  |  |  |
|      |         | LO PR                       | 109   | 116   | 126   | 134   | 115   | 122   | 133   | 142   | 119   | 127   | 138   | 147   | 125   | 133   | 145                                  | 155   | 131   | 140   | 152   | 162   | 136  | 144   | 158   | 168   | 136  | 144   | 158   | 168   | 136  | 144   | 158   | 168   |    |  |  |  |  |  |  |
|      | 4000    | MBh                         | 116.2 | 118.7 | 126.9 | 135.6 | 113.5 | 116.0 | 123.9 | 132.4 | 110.8 | 113.2 | 121.0 | 129.3 | 108.1 | 110.4 | 118.0                                | 126.1 | 102.7 | 104.9 | 112.1 | 119.8 | 95.1 | 97.2  | 103.8 | 111.0 | 95.1 | 97.2  | 103.8 | 111.0 | 95.1 | 97.2  | 103.8 | 111.0 |    |  |  |  |  |  |  |
|      |         | S/T                         | 0.88  | 0.83  | 0.67  | 0.50  | 0.92  | 0.86  | 0.70  | 0.52  | 0.94  | 0.88  | 0.72  | 0.54  | 0.97  | 0.91  | 0.74                                 | 0.55  | 1.00  | 0.94  | 0.77  | 0.57  | 1.00 | 0.95  | 0.77  | 0.58  | 1.00 | 0.95  | 0.77  | 0.57  | 1.00 | 0.95  | 0.77  | 0.58  |    |  |  |  |  |  |  |
|      |         | Delta T                     | 24    | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 24    | 23    | 20    | 16    | 24    | 23    | 20                                   | 16    | 24    | 23    | 20    | 16    | 22   | 21    | 18    | 15    | 22   | 21    | 21    | 21    | 21   | 18    | 15    | 15    |    |  |  |  |  |  |  |
|      |         | HI PR                       | 249   | 268   | 283   | 295   | 280   | 301   | 318   | 331   | 318   | 342   | 361   | 377   | 362   | 390   | 412                                  | 429   | 407   | 438   | 463   | 483   | 450  | 484   | 511   | 533   | 450  | 484   | 511   | 533   | 450  | 484   | 511   | 533   |    |  |  |  |  |  |  |
|      |         | LO PR                       | 107   | 114   | 125   | 133   | 114   | 121   | 132   | 140   | 118   | 126   | 137   | 146   | 124   | 132   | 144                                  | 153   | 130   | 138   | 151   | 161   | 134  | 143   | 156   | 166   | 134  | 143   | 156   | 166   | 134  | 143   | 156   | 166   |    |  |  |  |  |  |  |
| 3200 | MBh     | 107.2                       | 109.6 | 117.1 | 125.2 | 104.8 | 107.0 | 114.4 | 122.3 | 102.3 | 104.5 | 111.6 | 119.3 | 99.8  | 101.9 | 108.9 | 116.4                                | 94.8  | 96.8  | 103.5 | 110.6 | 87.8  | 89.7 | 95.8  | 102.5 | 87.8  | 89.7 | 95.8  | 102.5 | 87.8  | 89.7 | 95.8  | 102.5 |       |    |  |  |  |  |  |  |
|      | S/T     | 0.85                        | 0.80  | 0.65  | 0.49  | 0.88  | 0.83  | 0.67  | 0.50  | 0.91  | 0.85  | 0.69  | 0.52  | 0.93  | 0.88  | 0.71  | 0.53                                 | 0.97  | 0.91  | 0.74  | 0.55  | 0.98  | 0.92 | 0.75  | 0.56  | 0.98  | 0.92 | 0.75  | 0.56  | 0.98  | 0.92 | 0.75  | 0.56  |       |    |  |  |  |  |  |  |
|      | Delta T | 26                          | 25    | 22    | 17    | 27    | 25    | 22    | 18    | 27    | 25    | 22    | 18    | 27    | 26    | 22    | 18                                   | 26    | 25    | 22    | 18    | 25    | 24   | 21    | 16    | 25    | 24   | 21    | 16    | 16    | 16   | 16    | 16    |       |    |  |  |  |  |  |  |
|      | HI PR   | 242                         | 260   | 275   | 286   | 271   | 292   | 308   | 321   | 308   | 332   | 350   | 366   | 351   | 378   | 399   | 416                                  | 395   | 425   | 449   | 468   | 437   | 470  | 496   | 517   | 437   | 470  | 496   | 517   | 437   | 470  | 496   | 517   |       |    |  |  |  |  |  |  |
|      | LO PR   | 104                         | 111   | 121   | 129   | 110   | 117   | 128   | 136   | 114   | 122   | 133   | 142   | 120   | 128   | 140   | 149                                  | 126   | 134   | 146   | 156   | 130   | 139  | 151   | 161   | 130   | 139  | 151   | 161   | 130   | 139  | 151   | 161   |       |    |  |  |  |  |  |  |
| 85   | 4500    | MBh                         | 121.8 | 124.1 | 130.0 | 138.7 | 118.9 | 121.2 | 127.0 | 135.5 | 116.1 | 118.4 | 124.0 | 132.2 | 113.3 | 115.5 | 120.9                                | 129.0 | 107.6 | 109.7 | 114.9 | 122.6 | 99.7 | 101.6 | 106.4 | 113.5 | 99.7 | 101.6 | 106.4 | 113.5 | 99.7 | 101.6 | 106.4 | 113.5 |    |  |  |  |  |  |  |
|      |         | S/T                         | 0.97  | 0.94  | 0.85  | 0.69  | 1.00  | 0.97  | 0.88  | 0.71  | 1.00  | 1.00  | 0.90  | 0.73  | 1.00  | 1.00  | 0.93                                 | 0.75  | 1.00  | 1.00  | 0.96  | 0.78  | 1.00 | 1.00  | 0.97  | 0.79  | 1.00 | 1.00  | 0.97  | 0.79  | 1.00 | 1.00  | 0.97  | 0.79  |    |  |  |  |  |  |  |
|      |         | Delta T                     | 24    | 24    | 22    | 19    | 24    | 24    | 23    | 20    | 24    | 24    | 23    | 20    | 23    | 24    | 23                                   | 20    | 22    | 22    | 23    | 20    | 20   | 21    | 18    | 20    | 20   | 20    | 20    | 21    | 18   | 18    | 18    | 18    |    |  |  |  |  |  |  |
|      |         | HI PR                       | 254   | 273   | 289   | 301   | 285   | 307   | 324   | 338   | 324   | 349   | 369   | 384   | 369   | 398   | 420                                  | 438   | 416   | 447   | 472   | 493   | 459  | 494   | 522   | 544   | 459  | 494   | 522   | 544   | 459  | 494   | 522   | 544   |    |  |  |  |  |  |  |
|      |         | LO PR                       | 110   | 117   | 127   | 136   | 116   | 123   | 135   | 143   | 120   | 128   | 140   | 149   | 126   | 135   | 147                                  | 156   | 133   | 141   | 154   | 164   | 137  | 146   | 159   | 170   | 137  | 146   | 159   | 170   | 137  | 146   | 159   | 170   |    |  |  |  |  |  |  |
|      | 4000    | MBh                         | 118.2 | 120.5 | 126.2 | 134.7 | 115.5 | 117.7 | 123.3 | 131.5 | 112.7 | 114.9 | 120.3 | 128.4 | 110.0 | 112.1 | 117.4                                | 125.3 | 104.5 | 106.5 | 111.5 | 119.0 | 96.8 | 98.7  | 103.3 | 110.2 | 96.8 | 98.7  | 103.3 | 110.2 | 96.8 | 98.7  | 103.3 | 110.2 |    |  |  |  |  |  |  |
|      |         | S/T                         | 0.93  | 0.89  | 0.81  | 0.65  | 0.96  | 0.93  | 0.84  | 0.68  | 0.98  | 0.95  | 0.86  | 0.70  | 1.00  | 0.98  | 0.89                                 | 0.72  | 1.00  | 1.00  | 0.92  | 0.75  | 1.00 | 1.00  | 0.93  | 0.75  | 1.00 | 1.00  | 0.93  | 0.75  | 1.00 | 1.00  | 0.93  | 0.75  |    |  |  |  |  |  |  |
|      |         | Delta T                     | 25    | 25    | 23    | 20    | 25    | 25    | 24    | 21    | 26    | 25    | 24    | 21    | 25    | 25    | 24                                   | 21    | 24    | 24    | 24    | 20    | 22   | 23    | 19    | 20    | 22   | 23    | 22    | 19    | 19   | 19    | 19    |       |    |  |  |  |  |  |  |
|      |         | HI PR                       | 252   | 271   | 286   | 298   | 282   | 304   | 321   | 335   | 321   | 346   | 365   | 381   | 366   | 394   | 416                                  | 433   | 411   | 443   | 468   | 488   | 455  | 489   | 517   | 539   | 455  | 489   | 517   | 539   | 455  | 489   | 517   | 539   |    |  |  |  |  |  |  |
|      |         | LO PR                       | 109   | 116   | 126   | 134   | 115   | 122   | 133   | 142   | 119   | 127   | 138   | 147   | 125   | 133   | 145                                  | 155   | 131   | 140   | 152   | 162   | 136  | 144   | 158   | 168   | 136  | 144   | 158   | 168   | 136  | 144   | 158   | 168   |    |  |  |  |  |  |  |
|      | 3200    | MBh                         | 109.1 | 111.2 | 116.5 | 124.3 | 106.6 | 108.6 | 113.8 | 121.4 | 104.0 | 106.1 | 111.1 | 118.5 | 101.5 | 103.5 | 108.4                                | 115.6 | 96.4  | 98.3  | 103.0 | 109.8 | 89.3 | 91.1  | 95.4  | 101.7 | 89.3 | 91.1  | 95.4  | 101.7 | 89.3 | 91.1  | 95.4  | 101.7 |    |  |  |  |  |  |  |
|      |         | S/T                         | 0.89  | 0.86  | 0.78  | 0.63  | 0.93  | 0.89  | 0.81  | 0.65  | 0.95  | 0.92  | 0.83  | 0.67  | 0.98  | 0.95  | 0.85                                 | 0.69  | 1.00  | 0.98  | 0.89  | 0.72  | 1.00 | 0.99  | 0.89  | 0.72  | 1.00 | 0.99  | 0.89  | 0.72  | 1.00 | 0.99  | 0.89  | 0.72  |    |  |  |  |  |  |  |
|      |         | Delta T                     | 28    | 28    | 26    | 23    | 28    | 28    | 26    | 23    | 28    | 28    | 26    | 23    | 29    | 28    | 27                                   | 23    | 28    | 28    | 26    | 23    | 26   | 26    | 24    | 21    | 26   | 26    | 24    | 21    | 21   | 21    | 21    | 21    |    |  |  |  |  |  |  |
|      |         | HI PR                       | 244   | 263   | 277   | 289   | 274   | 295   | 311   | 325   | 311   | 335   | 354   | 369   | 355   | 382   | 403                                  | 420   | 399   | 430   | 454   | 473   | 441  | 475   | 501   | 523   | 441  | 475   | 501   | 523   | 441  | 475   | 501   | 523   |    |  |  |  |  |  |  |
|      |         | LO PR                       | 105   | 112   | 122   | 130   | 111   | 118   | 129   | 138   | 116   | 123   | 134   | 143   | 121   | 129   | 141                                  | 150   | 127   | 135   | 148   | 157   | 132  | 140   | 153   | 163   | 132  | 140   | 153   | 163   | 132  | 140   | 153   | 163   |    |  |  |  |  |  |  |

\* Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service ports.  
NOTE: Shaded area is ARI Rating Conditions

COOLING PERFORMANCE DATA

CPG150XXX4\*XXX

MODEL: CPG150XXX\*\*XXX

EXPANDED PERFORMANCE DATA

COOLING OPERATION

Design Superheat 7±2 °F, Design Subcooling 12±2 °F pressures measured @ the suction and liquid service access fittings, AHRI 95 test conditions

|      |         | 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    |       |       |       |       |       |
|      | 4725    | MBh                                    | 143.1 | 148.3 | 162.5 | -     | 139.7 | 144.8 | 158.7 | -     | 136.4 | 141.4                                      | 154.9 | -     | 133.1 | 137.9 | 151.1 | -     | 126.4 | 131.0 | 143.6 | -     | 117.1 | 121.4 | 133.0 | -     | 126.4 | 131.0 | 143.6 | -     | 117.1 | 121.4 | 133.0 | -     |
|      |         | S/T                                    | 0.70  | 0.59  | 0.41  | -     | 0.73  | 0.61  | 0.42  | -     | 0.75  | 0.62                                       | 0.43  | -     | 0.77  | 0.64  | 0.45  | -     | 0.80  | 0.67  | 0.46  | -     | 0.81  | 0.67  | 0.47  | -     | 0.80  | 0.67  | 0.46  | -     | 0.81  | 0.67  | 0.47  | -     |
|      |         | Delta T                                | 20    | 17    | 13    | -     | 20    | 17    | 13    | -     | 20    | 17                                         | 13    | -     | 20    | 17    | 13    | -     | 20    | 17    | 13    | -     | 18    | 16    | 12    | -     | 20    | 17    | 13    | -     | 18    | 16    | 12    | -     |
|      |         | Hi PR                                  | 247   | 266   | 281   | -     | 277   | 298   | 315   | -     | 315   | 339                                        | 358   | -     | 359   | 386   | 408   | -     | 404   | 434   | 459   | -     | 446   | 480   | 507   | -     | 404   | 434   | 459   | -     | 446   | 480   | 507   | -     |
|      |         | LO PR                                  | 100   | 107   | 117   | -     | 106   | 113   | 123   | -     | 110   | 117                                        | 128   | -     | 116   | 123   | 135   | -     | 121   | 129   | 141   | -     | 126   | 134   | 146   | -     | 121   | 129   | 141   | -     | 126   | 134   | 146   | -     |
| 70   | 4200    | MBh                                    | 138.9 | 144.0 | 157.7 | -     | 135.7 | 140.6 | 154.1 | -     | 132.4 | 137.3                                      | 150.4 | -     | 129.2 | 133.9 | 146.7 | -     | 122.7 | 127.2 | 139.4 | -     | 113.7 | 117.9 | 129.1 | -     | 122.7 | 127.2 | 139.4 | -     | 113.7 | 117.9 | 129.1 | -     |
|      |         | S/T                                    | 0.67  | 0.56  | 0.39  | -     | 0.69  | 0.58  | 0.40  | -     | 0.71  | 0.60                                       | 0.41  | -     | 0.74  | 0.61  | 0.43  | -     | 0.76  | 0.64  | 0.44  | -     | 0.77  | 0.64  | 0.45  | -     | 0.76  | 0.64  | 0.44  | -     | 0.77  | 0.64  | 0.45  | -     |
|      |         | Delta T                                | 20    | 18    | 13    | -     | 21    | 18    | 14    | -     | 21    | 18                                         | 14    | -     | 21    | 18    | 14    | -     | 21    | 18    | 13    | -     | 19    | 17    | 13    | -     | 21    | 18    | 13    | -     | 19    | 17    | 13    | -     |
|      |         | Hi PR                                  | 244   | 263   | 278   | -     | 274   | 295   | 312   | -     | 312   | 336                                        | 355   | -     | 355   | 382   | 404   | -     | 400   | 430   | 454   | -     | 442   | 475   | 502   | -     | 400   | 430   | 454   | -     | 442   | 475   | 502   | -     |
|      |         | LO PR                                  | 99    | 106   | 116   | -     | 105   | 112   | 122   | -     | 109   | 116                                        | 127   | -     | 115   | 122   | 133   | -     | 120   | 128   | 140   | -     | 124   | 132   | 144   | -     | 120   | 128   | 140   | -     | 124   | 132   | 144   | -     |
|      | 3360    | MBh                                    | 128.2 | 132.9 | 145.6 | -     | 125.2 | 129.8 | 142.2 | -     | 122.2 | 126.7                                      | 138.8 | -     | 119.3 | 123.6 | 135.4 | -     | 113.3 | 117.4 | 128.7 | -     | 104.9 | 108.8 | 119.2 | -     | 113.3 | 117.4 | 128.7 | -     | 104.9 | 108.8 | 119.2 | -     |
|      |         | S/T                                    | 0.65  | 0.54  | 0.37  | -     | 0.67  | 0.56  | 0.39  | -     | 0.69  | 0.57                                       | 0.40  | -     | 0.71  | 0.59  | 0.41  | -     | 0.74  | 0.61  | 0.43  | -     | 0.74  | 0.62  | 0.43  | -     | 0.74  | 0.61  | 0.43  | -     | 0.74  | 0.62  | 0.43  | -     |
|      |         | Delta T                                | 23    | 20    | 15    | -     | 23    | 20    | 15    | -     | 23    | 20                                         | 15    | -     | 23    | 20    | 15    | -     | 23    | 20    | 15    | -     | 21    | 18    | 14    | -     | 23    | 20    | 15    | -     | 21    | 18    | 14    | -     |
|      |         | Hi PR                                  | 237   | 255   | 269   | -     | 266   | 286   | 302   | -     | 303   | 326                                        | 344   | -     | 345   | 371   | 392   | -     | 388   | 417   | 441   | -     | 428   | 461   | 487   | -     | 388   | 417   | 441   | -     | 428   | 461   | 487   | -     |
|      |         | LO PR                                  | 97    | 103   | 112   | -     | 102   | 108   | 118   | -     | 106   | 113                                        | 123   | -     | 111   | 118   | 129   | -     | 117   | 124   | 135   | -     | 121   | 128   | 140   | -     | 117   | 124   | 135   | -     | 121   | 128   | 140   | -     |
|      |         | * Entering Indoor Dry Bulb Temperature |       |       |       |       |       |       |       |       |       | NOTE: Shaded area is ACCA (TVA) conditions |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|      | 4725    | MBh                                    | 145.5 | 149.8 | 162.1 | 174.0 | 142.1 | 146.3 | 158.4 | 170.0 | 138.7 | 142.8                                      | 154.6 | 165.9 | 135.3 | 139.3 | 150.8 | 161.9 | 128.6 | 132.4 | 143.3 | 153.8 | 119.1 | 122.6 | 132.7 | 142.5 | 128.6 | 132.4 | 143.3 | 153.8 | 119.1 | 122.6 | 132.7 | 142.5 |
|      |         | S/T                                    | 0.80  | 0.71  | 0.54  | 0.35  | 0.83  | 0.74  | 0.56  | 0.36  | 0.85  | 0.76                                       | 0.57  | 0.37  | 0.88  | 0.78  | 0.59  | 0.38  | 0.91  | 0.81  | 0.62  | 0.40  | 0.92  | 0.82  | 0.62  | 0.40  | 0.91  | 0.81  | 0.62  | 0.40  | 0.92  | 0.82  | 0.62  | 0.40  |
|      |         | Delta T                                | 23    | 21    | 17    | 12    | 23    | 21    | 17    | 12    | 23    | 21                                         | 17    | 12    | 23    | 21    | 17    | 12    | 23    | 21    | 17    | 12    | 21    | 20    | 16    | 11    | 23    | 21    | 17    | 12    | 21    | 20    | 16    | 11    |
|      |         | Hi PR                                  | 249   | 268   | 283   | 296   | 280   | 301   | 318   | 332   | 318   | 343                                        | 362   | 377   | 363   | 390   | 412   | 430   | 408   | 439   | 463   | 483   | 451   | 485   | 512   | 534   | 408   | 439   | 463   | 483   | 451   | 485   | 512   | 534   |
|      |         | LO PR                                  | 102   | 108   | 118   | 126   | 107   | 114   | 125   | 133   | 111   | 119                                        | 129   | 138   | 117   | 125   | 136   | 145   | 123   | 131   | 143   | 152   | 127   | 135   | 147   | 157   | 123   | 131   | 143   | 152   | 127   | 135   | 147   | 157   |
| 75   | 4200    | MBh                                    | 141.3 | 145.4 | 157.4 | 169.0 | 138.0 | 142.1 | 153.8 | 165.0 | 134.7 | 138.7                                      | 150.1 | 161.1 | 131.4 | 135.3 | 146.4 | 157.2 | 124.8 | 128.5 | 139.1 | 149.3 | 115.6 | 119.1 | 128.9 | 138.3 | 124.8 | 128.5 | 139.1 | 149.3 | 115.6 | 119.1 | 128.9 | 138.3 |
|      |         | S/T                                    | 0.76  | 0.68  | 0.52  | 0.33  | 0.79  | 0.71  | 0.53  | 0.34  | 0.81  | 0.72                                       | 0.55  | 0.35  | 0.84  | 0.75  | 0.57  | 0.36  | 0.87  | 0.78  | 0.59  | 0.38  | 0.88  | 0.78  | 0.59  | 0.38  | 0.87  | 0.78  | 0.59  | 0.38  | 0.88  | 0.78  | 0.59  | 0.38  |
|      |         | Delta T                                | 24    | 22    | 18    | 12    | 24    | 22    | 18    | 12    | 24    | 22                                         | 18    | 12    | 24    | 22    | 18    | 12    | 24    | 22    | 18    | 12    | 22    | 20    | 17    | 12    | 24    | 22    | 18    | 12    | 22    | 20    | 17    | 12    |
|      |         | Hi PR                                  | 247   | 266   | 281   | 293   | 277   | 298   | 315   | 328   | 315   | 339                                        | 358   | 374   | 359   | 386   | 408   | 425   | 404   | 435   | 459   | 479   | 446   | 480   | 507   | 529   | 404   | 435   | 459   | 479   | 446   | 480   | 507   | 529   |
|      |         | LO PR                                  | 101   | 107   | 117   | 124   | 106   | 113   | 123   | 131   | 110   | 117                                        | 128   | 137   | 116   | 123   | 135   | 143   | 121   | 129   | 141   | 150   | 126   | 134   | 146   | 155   | 121   | 129   | 141   | 150   | 126   | 134   | 146   | 155   |
|      | 3360    | MBh                                    | 130.4 | 134.2 | 145.3 | 155.9 | 127.3 | 131.1 | 141.9 | 152.3 | 124.3 | 128.0                                      | 138.5 | 148.7 | 121.3 | 124.9 | 135.2 | 145.1 | 115.2 | 118.6 | 128.4 | 137.8 | 106.7 | 109.9 | 118.9 | 127.7 | 115.2 | 118.6 | 128.4 | 137.8 | 106.7 | 109.9 | 118.9 | 127.7 |
|      |         | S/T                                    | 0.73  | 0.66  | 0.50  | 0.32  | 0.76  | 0.68  | 0.52  | 0.33  | 0.78  | 0.70                                       | 0.53  | 0.34  | 0.81  | 0.72  | 0.55  | 0.35  | 0.84  | 0.75  | 0.57  | 0.36  | 0.84  | 0.75  | 0.57  | 0.36  | 0.84  | 0.75  | 0.57  | 0.36  | 0.84  | 0.75  | 0.57  | 0.37  |
|      |         | Delta T                                | 26    | 24    | 20    | 14    | 27    | 24    | 20    | 14    | 27    | 24                                         | 20    | 14    | 27    | 25    | 20    | 14    | 26    | 24    | 20    | 14    | 25    | 23    | 19    | 13    | 26    | 24    | 20    | 14    | 25    | 23    | 19    | 13    |
|      |         | Hi PR                                  | 240   | 258   | 272   | 284   | 269   | 289   | 305   | 319   | 306   | 329                                        | 347   | 362   | 348   | 375   | 396   | 413   | 392   | 422   | 445   | 464   | 433   | 466   | 492   | 513   | 392   | 422   | 445   | 464   | 433   | 466   | 492   | 513   |
|      |         | LO PR                                  | 97    | 104   | 113   | 121   | 103   | 110   | 120   | 127   | 107   | 114                                        | 124   | 132   | 112   | 120   | 131   | 139   | 118   | 125   | 137   | 146   | 122   | 130   | 142   | 151   | 118   | 125   | 137   | 146   | 122   | 130   | 142   | 151   |

Shaded area is ACCA (TVA) conditions  
IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction service access fittings.

COOLING PERFORMANCE DATA

CPG150XXX4\*XXX

MODEL: CPG150XXX\*\*XXX EXPANDED PERFORMANCE DATA COOLING OPERATION

Design Superheat 7±2 °F, Design Subcooling 12 ±2 °F pressures measured @ the suction and liquid service access fittings, AHRI 95 test conditions

|      |         | 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 |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | MBh     | 148.1                       | 151.3 | 161.7 | 172.8 | 144.6 | 147.8 | 157.9 | 168.8 | 141.2 | 144.3 | 154.1 | 164.8 | 137.7 | 140.8 | 150.4 | 160.8 | 130.9 | 133.7 | 142.9 | 152.7 | 121.2 | 123.9 | 132.3 | 141.5 |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | S/T     | 0.88                        | 0.82  | 0.67  | 0.50  | 0.91  | 0.85  | 0.69  | 0.52  | 0.93  | 0.87  | 0.71  | 0.53  | 0.96  | 0.90  | 0.73  | 0.55  | 1.00  | 0.94  | 0.76  | 0.57  | 1.00  | 0.94  | 0.77  | 0.57  |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | Delta T | 25                          | 24    | 21    | 17    | 26    | 25    | 21    | 17    | 26    | 25    | 21    | 17    | 26    | 25    | 21    | 17    | 24    | 23    | 20    | 16    |       |       |       |       |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | HI PR   | 252                         | 271   | 286   | 299   | 283   | 304   | 321   | 335   | 322   | 346   | 365   | 381   | 366   | 394   | 416   | 434   | 412   | 443   | 468   | 488   | 455   | 490   | 517   | 539   |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | LO PR   | 103                         | 109   | 119   | 127   | 108   | 115   | 126   | 134   | 113   | 120   | 131   | 139   | 118   | 126   | 137   | 146   | 124   | 132   | 144   | 153   | 128   | 136   | 149   | 159   |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
| 80   | MBh     | 143.8                       | 146.9 | 157.0 | 167.8 | 140.4 | 143.5 | 153.3 | 163.9 | 137.1 | 140.1 | 149.7 | 160.0 | 133.7 | 136.7 | 146.0 | 156.1 | 127.0 | 129.8 | 138.7 | 148.3 | 117.7 | 120.3 | 128.5 | 137.3 |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | S/T     | 0.84                        | 0.78  | 0.64  | 0.48  | 0.87  | 0.81  | 0.66  | 0.49  | 0.89  | 0.83  | 0.68  | 0.51  | 0.92  | 0.86  | 0.70  | 0.52  | 0.95  | 0.89  | 0.73  | 0.54  | 0.96  | 0.90  | 0.73  | 0.55  |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | Delta T | 26                          | 25    | 22    | 18    | 27    | 26    | 22    | 18    | 27    | 26    | 22    | 18    | 27    | 26    | 22    | 18    | 26    | 25    | 22    | 18    | 25    | 24    | 21    | 16    |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | HI PR   | 249                         | 268   | 283   | 296   | 280   | 301   | 318   | 332   | 318   | 343   | 362   | 377   | 363   | 390   | 412   | 430   | 408   | 439   | 464   | 483   | 451   | 485   | 512   | 534   |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | LO PR   | 102                         | 108   | 118   | 126   | 107   | 114   | 125   | 133   | 111   | 119   | 129   | 138   | 117   | 125   | 136   | 145   | 123   | 131   | 143   | 152   | 127   | 135   | 147   | 157   |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
| 3360 | MBh     | 132.7                       | 135.6 | 144.9 | 154.9 | 129.6 | 132.4 | 141.5 | 151.3 | 126.5 | 129.3 | 138.1 | 147.7 | 123.4 | 126.1 | 134.8 | 144.1 | 117.3 | 119.8 | 128.0 | 136.9 | 108.6 | 111.0 | 118.6 | 126.8 |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | S/T     | 0.81                        | 0.76  | 0.62  | 0.46  | 0.84  | 0.78  | 0.64  | 0.48  | 0.86  | 0.80  | 0.65  | 0.49  | 0.88  | 0.83  | 0.67  | 0.50  | 0.92  | 0.86  | 0.70  | 0.52  | 0.93  | 0.87  | 0.71  | 0.53  |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | Delta T | 29                          | 28    | 24    | 19    | 30    | 28    | 25    | 20    | 30    | 28    | 25    | 20    | 30    | 29    | 25    | 20    | 29    | 28    | 25    | 20    | 28    | 26    | 23    | 18    |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | HI PR   | 242                         | 260   | 275   | 287   | 271   | 292   | 309   | 322   | 309   | 332   | 351   | 366   | 352   | 378   | 400   | 417   | 396   | 426   | 450   | 469   | 437   | 470   | 497   | 518   |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |
|      | LO PR   | 98                          | 105   | 114   | 122   | 104   | 111   | 121   | 129   | 108   | 115   | 126   | 134   | 114   | 121   | 132   | 140   | 119   | 127   | 138   | 147   | 123   | 131   | 143   | 152   |    |    |    |    |     |  |  |  |  |  |  |     |  |  |  |  |  |  |

|      | MBh     | 150.7 | 153.6 | 160.9 | 171.6 | 147.2 | 150.0 | 157.1 | 167.6 | 143.7 | 146.4 | 153.4 | 163.6 | 140.2 | 142.9 | 149.6 | 159.6 | 133.1 | 135.7 | 142.1 | 151.6 | 123.3 | 125.7 | 131.7 | 140.5 |
|------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      | S/T     | 0.92  | 0.89  | 0.80  | 0.65  | 0.95  | 0.92  | 0.83  | 0.67  | 0.98  | 0.94  | 0.85  | 0.69  | 1.00  | 0.97  | 0.88  | 0.71  | 1.00  | 1.00  | 0.91  | 0.74  | 1.00  | 1.00  | 0.92  | 0.75  |
|      | Delta T | 27    | 26    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 27    | 25    | 22    | 27    | 27    | 26    | 22    | 26    | 26    | 25    | 22    | 24    | 24    | 24    | 20    |
|      | HI PR   | 254   | 274   | 289   | 302   | 286   | 307   | 324   | 338   | 325   | 349   | 369   | 385   | 370   | 398   | 420   | 438   | 416   | 448   | 473   | 493   | 460   | 495   | 522   | 545   |
|      | LO PR   | 104   | 110   | 120   | 128   | 109   | 116   | 127   | 135   | 114   | 121   | 132   | 141   | 119   | 127   | 139   | 148   | 125   | 133   | 145   | 155   | 129   | 138   | 150   | 160   |
| 85   | MBh     | 146.3 | 149.1 | 156.2 | 166.6 | 142.9 | 145.6 | 152.5 | 162.7 | 139.5 | 142.2 | 148.9 | 158.9 | 136.1 | 138.7 | 145.3 | 155.0 | 129.3 | 131.8 | 138.0 | 147.2 | 119.7 | 122.1 | 127.8 | 136.4 |
|      | S/T     | 0.88  | 0.85  | 0.76  | 0.62  | 0.91  | 0.88  | 0.79  | 0.64  | 0.93  | 0.90  | 0.81  | 0.66  | 0.96  | 0.93  | 0.84  | 0.68  | 1.00  | 0.96  | 0.87  | 0.70  | 1.00  | 0.97  | 0.88  | 0.71  |
|      | Delta T | 28    | 28    | 26    | 23    | 28    | 28    | 26    | 23    | 28    | 28    | 26    | 23    | 29    | 28    | 27    | 23    | 28    | 28    | 26    | 23    | 26    | 26    | 25    | 21    |
|      | HI PR   | 252   | 271   | 286   | 299   | 283   | 304   | 321   | 335   | 322   | 346   | 365   | 381   | 366   | 394   | 416   | 434   | 412   | 443   | 468   | 488   | 455   | 490   | 517   | 539   |
|      | LO PR   | 103   | 109   | 119   | 127   | 108   | 115   | 126   | 134   | 113   | 120   | 131   | 139   | 118   | 126   | 137   | 146   | 124   | 132   | 144   | 153   | 128   | 136   | 149   | 159   |
| 3360 | MBh     | 135.0 | 137.6 | 144.1 | 153.8 | 131.9 | 134.4 | 140.8 | 150.2 | 128.7 | 131.2 | 137.4 | 146.6 | 125.6 | 128.0 | 134.1 | 143.0 | 119.3 | 121.6 | 127.4 | 135.9 | 110.5 | 112.7 | 118.0 | 125.9 |
|      | S/T     | 0.85  | 0.82  | 0.74  | 0.60  | 0.88  | 0.85  | 0.76  | 0.62  | 0.90  | 0.87  | 0.78  | 0.63  | 0.93  | 0.89  | 0.81  | 0.65  | 0.96  | 0.93  | 0.84  | 0.68  | 0.97  | 0.94  | 0.84  | 0.69  |
|      | Delta T | 31    | 31    | 29    | 25    | 32    | 31    | 29    | 25    | 32    | 31    | 29    | 25    | 32    | 31    | 30    | 26    | 31    | 31    | 29    | 25    | 29    | 29    | 27    | 24    |
|      | HI PR   | 244   | 263   | 278   | 290   | 274   | 295   | 312   | 325   | 312   | 336   | 354   | 370   | 355   | 382   | 404   | 421   | 400   | 430   | 454   | 474   | 442   | 475   | 502   | 523   |
|      | LO PR   | 99    | 106   | 116   | 123   | 105   | 112   | 122   | 130   | 109   | 116   | 127   | 135   | 115   | 122   | 133   | 142   | 120   | 128   | 140   | 149   | 124   | 132   | 144   | 154   |

NOTE: Shaded areas are TVA and AHRI Rating Condition IDB: Entering Indoor Dry Bulb Temperature  
High and low pressures are measured at the liquid and suction access fittings.

# COOLING PERFORMANCE DATA

## PERFORMANCE TEST

All data based upon listed indoor dry bulb temperature. .00 inches external static pressure on coil of outdoor section. Indoor air cubic feet per minute (CFM) as listed in the Performance Data Sheets:

If conditions vary from this, results will change as follows:

1. As indoor dry bulb temperatures increase, a slight increase will occur in indoor air temperature drop (**Delta T**). Low and high side pressures and power will not change.
2. As indoor CFM decreases, a slight increase will occur in indoor temperature drop (**Delta T**). A slight decrease will occur in low and high side pressures and power.

A properly operating unit should be within plus or minus **3 degrees** of the typical (**Delta T**) value shown.

A properly operating unit should be within plus or minus **7 PSIG** of the **HI PR** shown.

A properly operating unit should be within plus or minus **3 PSIG** of the **LO PR** shown.

## CPG[036-060]XXX4BXXX



**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.**



41

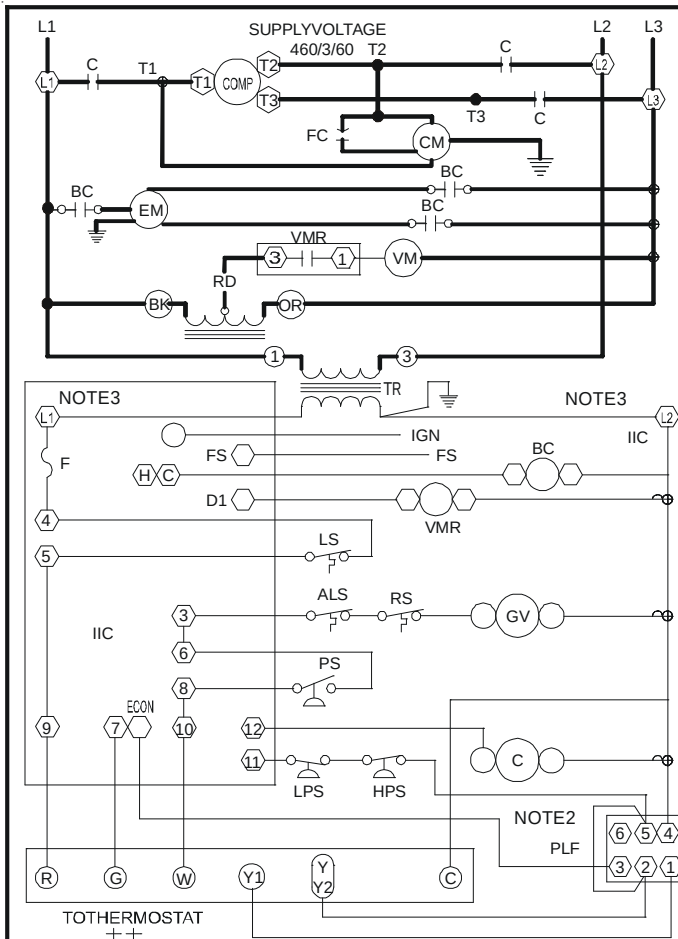
# WIRING DIAGRAMS

CPG[036-060]XXX4BXXX



## WARNING

**HIGH VOLTAGE!**  
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### COMPONENTLEGEND

|      |                           |
|------|---------------------------|
| ALS  | AUXILIARYLIMITSWITCH      |
| BC   | BLOWERCONTACTOR           |
| COMP | COMPRESSOR                |
| CM   | CONDENSERMOTOR            |
| C    | CONTACTOR                 |
| EM   | EVAPORATORMOTOR           |
| F    | FUSE                      |
| FC   | FANCAPACITOR              |
| FS   | FLAMESENSOR               |
| GND  | EQUIPMENTGROUND           |
| GV   | GASVALVE                  |
| HPS  | HIGHPRESSURESWITCH        |
| IBR  | INDOORBLOWERRELAY         |
| IIC  | INTEGRATEDIGNITIONCONTROL |
| IGN  | IGNITOR                   |
| LPS  | LOWPRESSURESWITCH         |
| LS   | LIMITSWITCH               |
| PLF  | FEMALEPLUG/CONNECTOR      |
| PS   | PRESSURESWITCH            |
| RS   | ROLLOUTSWITCH             |
| TB1  | TERMINALBLOCK(24V SIGNAL) |
| TR   | TRANSFORMER               |
| VM   | VENTMOTOR                 |
| VMR  | VENTMOTORRELAY            |

### NOTES

1. REPLACEMENT WIRE MUST BE THE SAME SIZE AND TYPE OF INSULATION AS ORIGINAL. (USE COPPER CONDUCTOR ONLY).
2. ACCESSORY ECONOMIZER PLUG ADJACENT TO BLOWER HOUSING IN RETURN AIR COMPARTMENT. REMOVE MALE PLUG AND ATTACH FEMALE PLUG TO THE ECONOMIZER ACCESSORY.
3. L1 AND L2 ON IIC CONTROL IS 24V INPUT.
4. USE COPPER CONDUCTOR ONLY.  
++ USE NEC CLASS 2 WIRE.

### FACTORY WIRING

|       |                       |
|-------|-----------------------|
| —     | LINE VOLTAGE          |
| —     | LOW VOLTAGE           |
| - - - | OPTIONAL HIGH VOLTAGE |

### FIELD WIRING

|       |              |
|-------|--------------|
| - - - | HIGH VOLTAGE |
| —     | LOW VOLTAGE  |

### WIRE CODE

|       |                        |
|-------|------------------------|
| BK    | BLACK                  |
| BL    | BLUE                   |
| BR    | BROWN                  |
| GR    | GREEN                  |
| OR    | ORANGE                 |
| PK    | PINK                   |
| PU    | PURPLE                 |
| RD    | RED                    |
| WH    | WHITE                  |
| YL    | YELLOW                 |
| BL/PK | BLUE WITH PINK STRIP   |
| YL/PK | YELLOW WITH PINK STRIP |

### THERMOSTAT

#### FIELD WIRING ++

#### NO ECONOMIZER

|    |    |   |
|----|----|---|
| W  | WH | W |
| G  | GR | G |
| R  | RD | R |
| Y1 | YL | Y |
| Y2 | BL | C |
| C  |    |   |

TB1 STAT

#### WITH ECONOMIZER OPTION

|    |    |   |
|----|----|---|
| W  | WH | W |
| G  | GR | G |
| R  | RD | R |
| Y1 | YL | Y |
| Y2 | BL | C |
| C  |    |   |

TB1 STAT

#### 2 STAGE COOLING

|    |    |    |
|----|----|----|
| W  | WH | W  |
| G  | GR | G  |
| R  | RD | R  |
| Y1 | YL | Y1 |
| Y2 | PK | Y2 |
| C  | BL | C  |

TB1 STAT

### INSTALLER/SERVICEMAN

THE STATUS LIGHT ON THE FURNACE CONTROL MAY BE USED AS A GUIDE TO TROUBLESHOOTING THIS APPLIANCE. STATUS LIGHT CODES ARE AS FOLLOWS:

| STATUS LIGHT | EQUIP. STATUS                             | CHECK                                                                                                   |
|--------------|-------------------------------------------|---------------------------------------------------------------------------------------------------------|
| ON           | NORMAL OPERATION                          | -                                                                                                       |
| OFF          | NO POWER OR INTERNAL CONTROL              | CHECK INPUT POWER<br>CHECK FUSE ON CONTROL<br>REPLACE CONTROL                                           |
| 1 BLINK      | IGNITION FAILURE                          | GAS FLOW<br>GAS PRESSURE<br>GAS VALVE<br>FLAME SENSOR<br>FLAME ROLLOUT<br>BAD SWITCH<br>AUX. LIMIT OPEN |
| 2 BLINKS     | PRESSURE SWITCH OPEN                      | CHECK<br>PRESSURE SWITCH                                                                                |
| 3 BLINKS     | PRESSURE SWITCH CLOSED WITHOUT INDUCER ON | CHECK<br>PRESSURE SWITCH                                                                                |
| 4 BLINKS     | OPEN LIMIT SWITCH                         | MAIN LIMIT OPEN<br>BAD SWITCH                                                                           |
| 5 BLINKS     | FALSE FLAME SENSED                        | STICKING GAS VALVE                                                                                      |
| 6 BLINKS     | COMPRESSOR OUTPUT DELAY                   | 3 MIN. COMP.<br>ANTI-CYCLETIMER                                                                         |

460/3/60 0140L00019 REV D

## CPG[090-120]XXX4\*XXX



**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.**

[illegible]

43

# WIRING DIAGRAMS

CPG[090-120]XXX4\*XXX

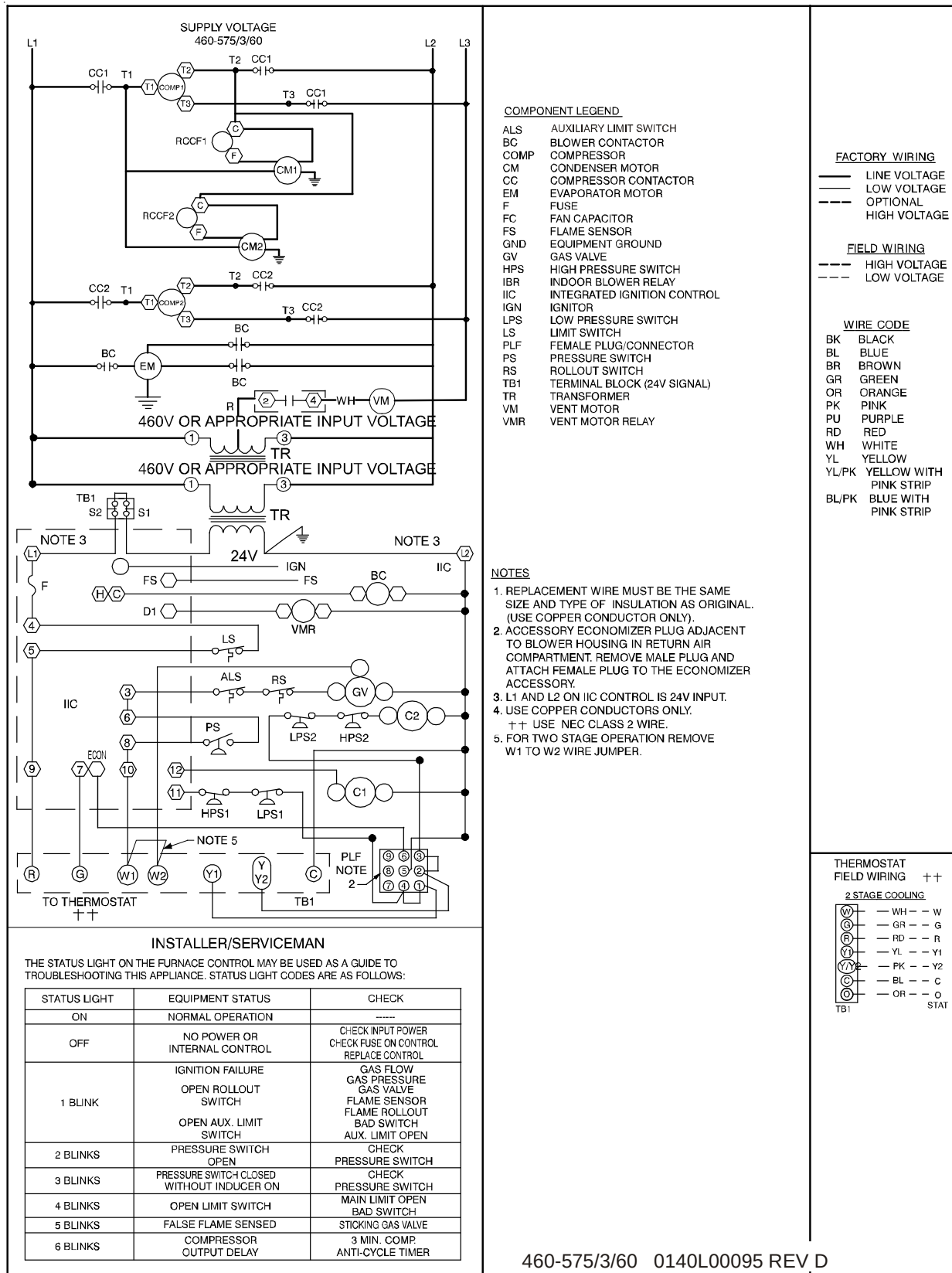


## WARNING

**HIGH VOLTAGE!**  
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\*For models with serial numbers 0907 and below.



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

# WIRING DIAGRAMS

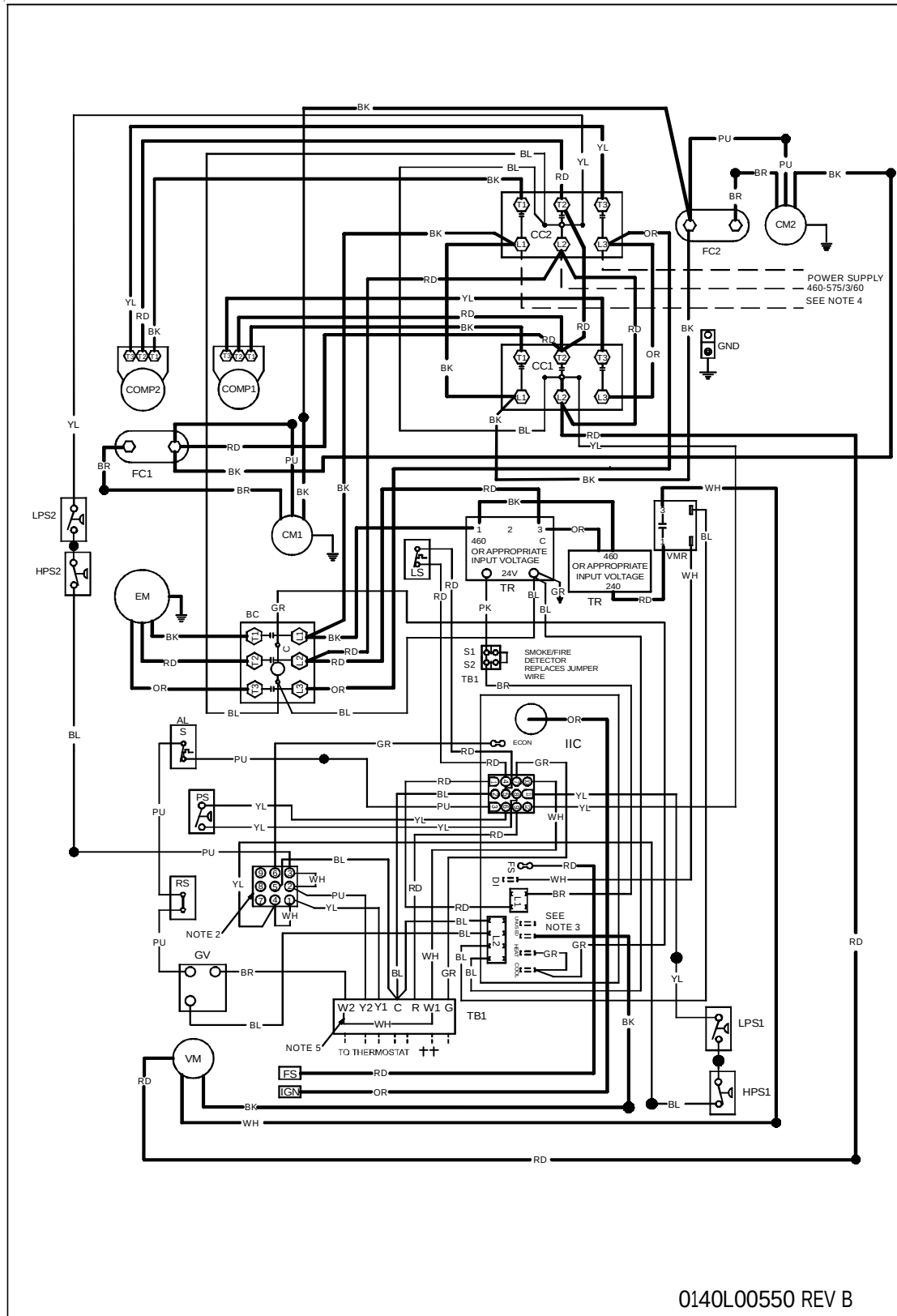
CPG[090-150]XXX4\*X\*X

**WARNING**

**HIGH VOLTAGE!**

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*\*For models with serial numbers 0908 and above.*



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

# WIRING DIAGRAMS

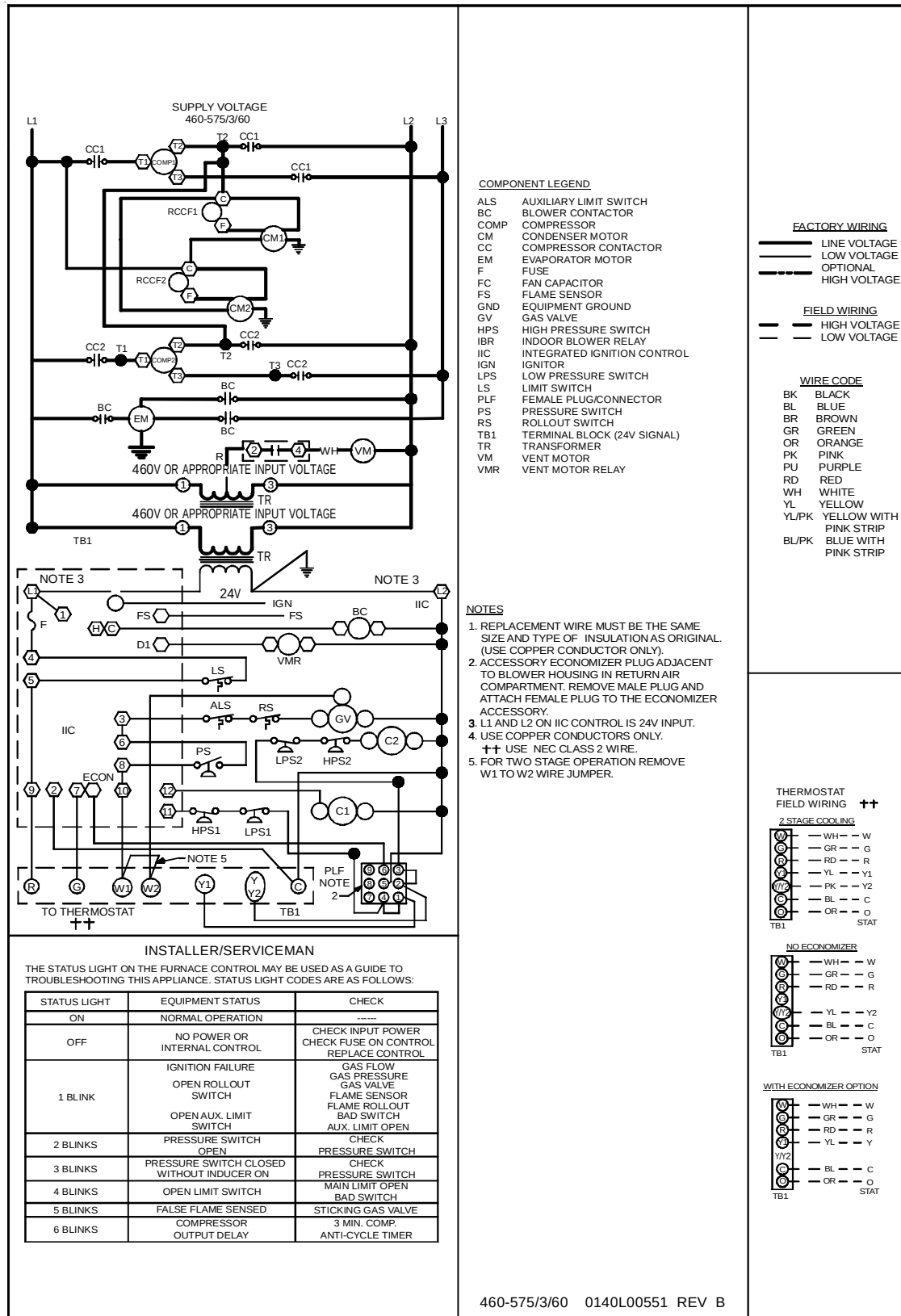
CPG[090-150]XXX4\*X\*X

**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.

\*For models with serial numbers 0908 and above.



460-575/3/60 0140L00551 REV B

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