



R-32 Standard Efficiency Air Conditioner Direct-Drive Packaged Rooftop Unit 7.5 - 12.5 Tons DSC Light Commercial

7.5-10 Ton up to 16 IEER / 12 EER

12.5 Ton 15.2 IEER / 11.4 EER



R32

*Complete warranty details available from your local distributor or manufacturer's representative or at www.daikincomfort.com or www.daikinac.com



Our Perfect Package:

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

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

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

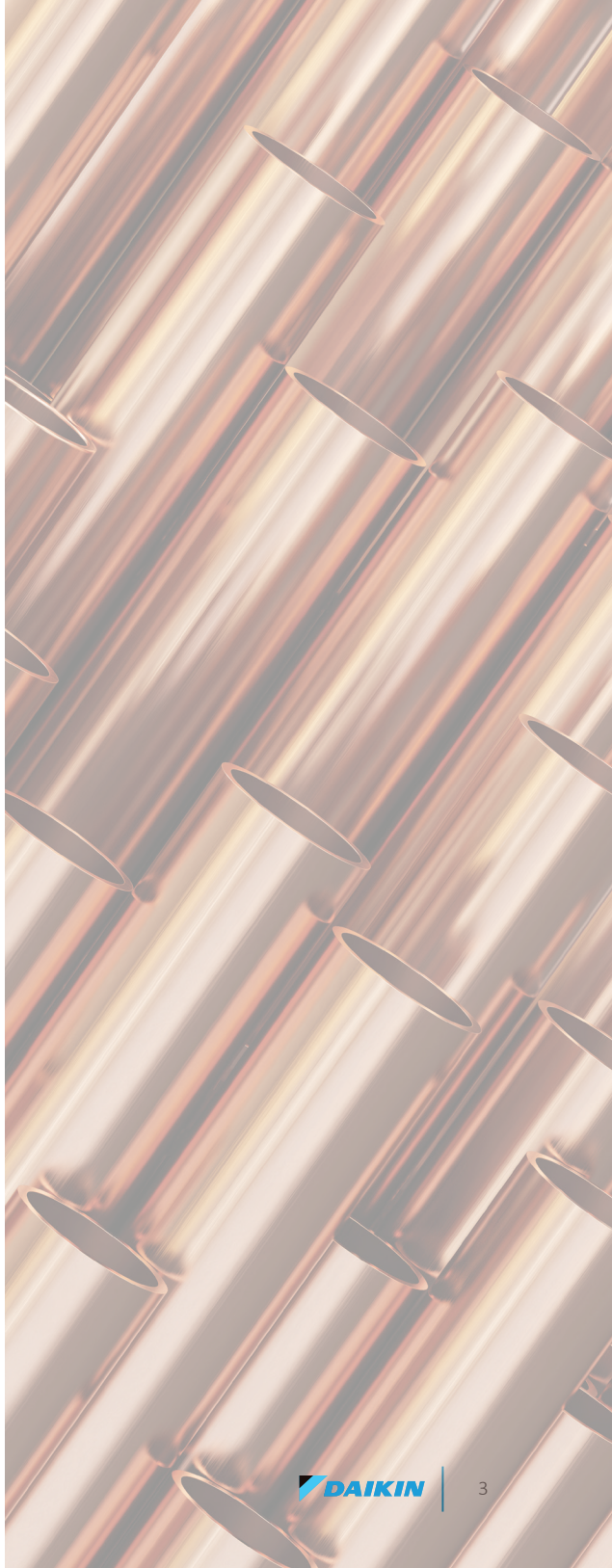
The group philosophy of the company includes:

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



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Nomenclature

	D	S	C	300	3	S	400	C	A	A	X	X	X	X	X	X	X	A	*
	1	2	3	4,5,6	7	8	9,10,11	12	13	14	15	16	17	18	19	20	21	22	23 24
Brand	D	Daikin																	
Configuration	S	R 32 Standard Efficiency																X	No Options
	H	R 32 High Efficiency																	
Application	C	Cooling																	
	G	Gas/Electric																	
	H	Heat Pump																	
Nominal Cooling Capacity	036	3 Tons	090	7½ Tons	180	15 Tons													
	048	4 Tons	102	8½ Tons	240	20 Tons													
	060	5 Tons	120	10 Tons	300	25 Tons													
	072	6 Tons	150	12½ tons															
Voltage	1	208-230/1/60	4	460/3/60															
	3	208-230/3/60	7	575/3/60															
Supply Fan/Drive Type/Motor	D	Direct Drive - Standard Static																	
	L	Direct Drive - Medium Static																	
	W	Direct Drive - High Static																	
Nominal Heating Capacity																			
Gas/Electric	045	45,000 BTU/h	XXX	No Heat	XXX	No Heat													
	060	60,000 BTU/h	005	5kW	030	30 kW													
	070	70,000 BTU/h	010	10 kW	045	45kW													
	080	80,000 BTU/h	015	15 kW	060	60kW													
	090	90,000 BTU/h	020	20 kW	075	75kW													
	100	100,000 BTU/h																	
	115	115,000 BTU/h																	
	125	125,000 BTU/h	S05	5kW	S22	20 kW													
	130	130,000 BTU/h	S10	10 kW	S25	25 kW													
	140	140,000 BTU/h	S15	15 kW	S30	30 kW													
	150	150,000 BTU/h	S16	15 kW	S31	30 kW													
	180	180,000 BTU/h	S18	18 kW	S45	45 kW													
	210	210,000 BTU/h	S20	20 kW	S46	45 kW													
	225	225,000 BTU/h	S21	20 kW	S60	60 kW													
	240	240,000 BTU/h			S75	75kW													
	260	260,000 BTU/h																	
	350	350,000 BTU/h																	
	360	360,000 BTU/h																	
	400	400,000 BTU/h																	
	480	480,000 BTU/h																	
Refrigeration Systems	A	Single stage cooling modes																	
	C	Two stage cooling modes																	
	F	Two stage cooling modes with Hot Gas Reheat and Low-ambient control																	
	G	Single stage cooling mode with Low-ambient controller																	
	H	Two stage cooling mode with Low-ambient controller																	
Heat Exchanger	X	No options																	
	A	Standard Aluminized Exchanger																	
	S	Stainless Steel Exchanger																	
	U	Ultra Low NoX																	
Controls	A	Electro-mechanical controls																	
	B	DDC w/ BACnet interface																	

AC Stocking Models	
New Daikin 7.5-12.5 Ton Direct-Drive	
MODEL NUMBER	CODE STRING
DSC0903D000001S	DSC0903DXXXCXADXXXXXXX
DSC0904D000001S	DSC0904DXXXCXADXXXXXXX
DSC0907D000001S	DSC0907DXXXCXADXXXXXXX
DSC1023D000001S	DSC1023DXXXCXADXXXXXXX
DSC1024D000001S	DSC1024DXXXCXADXXXXXXX
DSC1027D000001S	DSC1027DXXXCXADXXXXXXX
DSC1203D000001S	DSC1203DXXXCXADXXXXXXX
DSC1204D000001S	DSC1204DXXXCXADXXXXXXX
DSC1207D000001S	DSC1207DXXXCXADXXXXXXX
DSC1503D000001S	DSC1503DXXXCXADXXXXXXX
DSC1504D000001S	DSC1504DXXXCXADXXXXXXX
DSC1507D000001S	DSC1507DXXXCXADXXXXXXX
DSC1503W000001F	DSC1503LXXXCXADXXXXXXX
DSC1504W000001F	DSC1504LXXXCXADXXXXXXX
DSC1507W000001F	DSC1507LXXXCXADXXXXXXX

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

Installation

Daikin Packaged units are designed with fast and easy installation in mind and are ideal for both new construction and retrofit projects. Our packaged rooftop units are built to be a direct replacement for most rooftop units in the field without the need of a curb adapter.

Cabinet Construction

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

- » Easy accessibility using our tool-less filter access.
- » Unit is fully insulated to prevent sweating and thermal losses, using our foil face fiberglass insulation which also omits exposed filter fibers into the airstream
- » 1" Raised flanged edges around the supply and return offer easy installation for the duct connections.
- » The full perimeter base rail is built using heavy gauge galvanized steel for a stronger structural installation, the base rails are a minimum of 3 ½" tall and include holes to allow for overhead rigging and lifting with forklifts.

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

Compressor

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

- » Resiliently factory-mounted on rubber grommets for vibration isolation
- » Refrigeration circuits include both low and high pressure safety switches.
- » Unit is factory charged with environmentally friendly Low GWP R32 refrigerant.
- » Two single-stage scroll compressor
- » Compressors located outside the condenser section to avoid air bypass.
- » Internal overload protection included with compressor.

Supply Fan

Indoor forward curved fan, paired with direct-drive motor, provide for easy airflow control.

- » Ball bearing Direct-Drive EEM motor removes the need for belts, sheaves, bearings and lubrication.
- » Slide out forward curb fan for easy maintenance and replacement.
- » High-static drive options for application with high airflow/static requirements.
- » Each fan assembly is dynamically trim balanced at the factory before shipment for quick start-up and efficient operation.
- » Motor with thermal overload is provided for motor long lasting operation.

Coils

All units use large face area outdoor coils. These coils are constructed with microchannel technology for high operating efficiencies.

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

- » Microchannel heat exchanger technology on all condenser coils for improved performance and reduced refrigerant load.
- » All units use large face area outdoor coils.
- » Coils are factory pressure tested to ensure pressure and leak integrity.
- » Copper tube / aluminum fin coils evaporator coils



Controls and Wiring

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

- » Units are factory-wired with color-coded wires and complete 24-volt Electromechanical controls package.
- » Units include single-point power entry as standard and also available with electric heat kits if selected.
- » Terminal strip is provided as standard for easy installation and low voltage power wiring.

Filtration

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

- » Filters installed on the units are standard off the shelf sizes for easy replacement.
- » Tool-less filter access for easy and fast filter replacement and service.

Heating Section

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

Electric Heat

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

- » Heating control is fully integrated into the unit's control system for quick start-up and reliable control.
- » Durable low watt density, nickel chromium elements provide longer life (compared to units without).
- » Fuses are provided in each branch circuit to a maximum of 48 Amps per NEC requirements.
- » Single-point power connection reduces installation cost.
- » For operational safeties electric heat includes automatic reset, and high temperature limit safety protection.

Electrical

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

- » Wiring complies with NEC requirements and all applicable UL standards.
- » Units are factory-wired with color-coded wires and complete 24-volt electromechanical controls package.
- » A 115 V GFI convenience receptacle requiring independent power supply for the receptacle is optional.
- » An optional unit powered 20 amp 115 V convenience receptacle, complete with factory mounted transformer, disconnect switch, and primary and secondary overload protection, eliminates the need to pull a separate 115 V power source.
- » Supply air fan, compressor, and condenser fan motor branch circuits have individual short circuit protection.
- » A single-point power connection with power block is standard and a terminal strip is provided for connecting low voltage control wiring.
- » For better serviceability an optional non-fused disconnect switch can be installed inside the control panel and operated by an externally mounted handle to disconnect the electrical power at the unit



Applications

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

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

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

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

Serviceability

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

- » Our packaged rooftop units offer a slide out blower to facilitate the access and removal of the fan.
- » Filter panels offer tool-less access for easy maintenance.
- » Independent compressors outside of the air bypass to eliminate component blockage and provide easy access.
- » Color coded wire to identify point-to-point component connections.
- » All 7.5-12.5 ton units are designed for convertible airflow orientation to serve downflow or horizontal applications. Every unit ships prepared to convert to horizontal orientation in the field if required.



Model	DSC0903D000001S	DSC0904D000001S	DSC0907D000001S
COOLING CAPACITY			
Total BTU/H	90,000	90,000	90,000
IEER / EER	16.0/12.0	16.0/12.0	16.0/12.0
SEER2 / EER2	N/A	N/A	N/A
AHRI Reference #			
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	15x12	15x12	15x12
Indoor Nominal CFM	3020	3020	3020
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4
Filter Size (in)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.) Cir #1 & 2	53/53	53/53	53/53
Evaporator Coil Face Area (ft²)	13.4	13.4	13.4
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	2	2	2
RPM (High/Low stage)	1120	1050	1050
Outdoor Horsepower	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft²)	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR			
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	12.2/120	5.8/55.1	5.8/41
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	8	5.4	4.0
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	2	0.85	0.67
Min. Circuit Ampacity ¹	39.4/39.4	20.1	18.3
Max. Overcurrent Protection (A) ²	50/50	25	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	1015	1015	1015
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	1087	1087	1087

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

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

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

Model	DSC1023D000001S	DSC1024D000001S	DSC1027D000001S
COOLING CAPACITY			
Total BTU/H	97,000	97,000	97,000
IEER / EER	15.5/11.4	15.5/11.4	15.5/11.4
SEER2 / EER2	N/A	N/A	N/A
AHRI Reference #			
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	15x12	15x12	15x12
Indoor Nominal CFM	3230	3230	3230
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4
Filter Size (in)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)	20 X 20 X 2 (2) 20 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.) Cir #1 & 2	56/56	56/56	56/56
Evaporator Coil Face Area (ft ²)	13.4	13.4	13.4
Rows Deep/ Fins per Inch	2 / 16	2 / 16	2 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	2	2	2
RPM (High/Low stage)	1120	1050	1050
Outdoor Horsepower	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR			
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	14.1/120	6.4/55.1	5.1/41
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	8	5.4	4.0
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	2	0.85	0.67
Min. Circuit Ampacity ¹	43.7/43.7	21.5	16.9
Max. Overcurrent Protection (A) ²	50 / 50	25	20
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	1027	1027	1027
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	1099	1099	1099

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

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

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

Model	DSC1203D000001S	DSC1204D000001S	DSC1207D000001S
COOLING CAPACITY			
Total BTU/H	116,000	116,000	116,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4
SEER2 / EER2	N/A	N/A	N/A
AHRI Reference #			
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	15x15	15x15	15x15
Indoor Nominal CFM	3380	3380	3380
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	2.4	2.4	2.4
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.) Cir #1 & 2	73/71	73/71	73/71
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2
Rows Deep/ Fins per Inch	3 / 16	3 / 16	3 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	2	2	2
RPM (High/Low stage)	1120	1050	1050
Outdoor Horsepower	1/3	1/3	1/3
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft²)	29.1	29.1	29.1
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR			
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	17.3/155	7.7/58.1	7.0/47.8
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	8	5.4	4.0
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	2	0.85	0.67
Min. Circuit Ampacity ¹	50.9/50.9	24.4	21.2
Max. Overcurrent Protection (A) ²	60/60	30	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	1070	1070	1070
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	1142	1142	1142

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

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

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

Model	DSC1503D000001S	DSC1504D000001S	DSC1507D000001S
COOLING CAPACITY			
Total BTU/H	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4
SEER2 / EER2	N/A	N/A	N/A
AHRI Reference #			
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wheel Dia. X Width	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	3.5	3.5	3.5
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.) Cir #1 & 2	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4 / 16	4 / 16	4 / 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	2	2	2
RPM (High/Low stage)	1130	1115	1075
Outdoor Horsepower	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR			
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	19.2/157	9.0/74.8	7.0/53.9
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	10.9	7.2	5.0
Max External Static (In. W.C.)	0.8	0.8	0.8
Outdoor Fan FLA	2.7	1.4	1
Min. Circuit Ampacity¹	59.5/59.5	30.2	22.8
Max. Overcurrent Protection (A)²	70/70	35	25
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	1153	1153	1153
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	1225	1225	1225

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

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

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

Model	DSC1503W000001F	DSC1504W000001F	DSC1507W000001F
COOLING CAPACITY			
Total BTU/H	140,000	140,000	140,000
IEER / EER	15.2/11.4	15.2/11.4	15.2/11.4
SEER2 / EER2	N/A	N/A	N/A
AHRI Reference #			
EVAPORATOR MOTOR / RTPF (ROUND TUBE PLATE FIN)			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	High	High	High
Wheel Dia. X Width	15x15	15x15	15x15
Indoor Nominal CFM	4200	4200	4200
RPM	300-1600	300-1600	300-1600
Indoor Horsepower	5.0	5.0	5.0
Filter Size (in)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)	20 X 25 X 2 (2) 25 X 25 X 2 (2)
Drain Size (NPT)	3/4	3/4	3/4
R-32 Refrigerant Charge (oz.) Cir #1 & 2	110/111	110/111	110/111
Evaporator Coil Face Area (ft²)	16.2	16.2	16.2
Rows Deep/ Fins per Inch	4/ 16	4/ 16	4/ 16
CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER)			
Quantity of Condenser Fan Motors	2	2	2
RPM (High/Low stage)	1130	1115	1075
Outdoor Horsepower	1/2	1/2	1/2
Fan Diameter/ # Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft²)	40.8	40.8	40.8
Rows Deep / Fins per Inch	1 / 23	1 / 23	1 / 23
COMPRESSOR			
Quantity / Type / Stages per Compressor	2/ Scroll / 1	2/ Scroll / 1	2/ Scroll / 1
Compressor RLA / LRA	19.2/157	9.0/74.8	7.0/53.9
ELECTRICAL DATA			
Voltage-Phase-Frequency	208/230-3-60	460-3-60	575-3-60
Indoor Blower FLA	14.5	10.6	7.2
Max External Static (In. W.C.)	1.8	1.8	1.8
Outdoor Fan FLA	2.7	1.4	1
Min. Circuit Ampacity ¹	63.1/63.1	33.6	25
Max. Overcurrent Protection (A) ²	80/80	40	30
Power Supply Conduit Hole Dia. (in)	1.375	1.375	1.375
Low-Voltage Conduit Hole Dia. (in)	0.5	0.5	0.5
OPERATING WEIGHT (LBS.)			
Operating Weight (lbs)	1153	1153	1153
SHIPPING WEIGHT (LBS.)			
Ship Weight (lbs)	1225	1225	1225

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

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

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

Coil Dimensions

Tons	Indoor			Outdoor		
	Fin height in.	Fin length in.	Area (Ft ²)	Fin height in.	Fin length in.	Area (Ft ²)
7.5	42.0	46.0	13.4	45.6	46.0	29.1
8.5	42.0	46.0	13.4	45.6	45.9	29.1
10	45.0	51.8	16.2	45.6	45.9	29.1
12.5	45.0	51.8	16.2	48.6	60.4	40.8

AHRI Ratings

Model	Cooling Capacity (BTU/hr)	EER	IEER
DSC0903D	90,000	12.0	16
DSC0904D	90,000	12.0	16
DSC0907D	90,000	12.0	16
DSC1023D	97,000	11.4	15.5
DSC1024D	97,000	11.4	15.5
DSC1027D	97,000	11.4	15.5
DSC1203D	116,000	11.4	15.2
DSC1204D	116,000	11.4	15.2
DSC1207D	116,000	11.4	15.2
DSC1503D	140,000	11.4	15.2
DSC1504D	140,000	11.4	15.2
DSC1507D	140,000	11.4	15.2

Sound Data

STATIC PRESSURE	7.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Component	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	3,000	Discharge	68.7	92.1	76.0	63.9	62.6	62.1	57.2	56.3	46.4
		Inlet	63.8	87.9	72.4	64.4	58.2	52.2	46.9	47.1	46.3
Discharge		78.3	98.6	87.0	72.2	72.7	72.8	68.5	66.7	60.8	
Inlet		70.2	90.7	80.7	69.6	64.6	61.7	56.6	56.5	53	
Discharge		82.4	97.6	88.4	85	77.1	77.1	72.5	71.7	67.3	
Inlet		74.8	92.6	84.0	78.2	69.9	66.5	61.8	62.1	58.4	
N/A	N/A	Outdoor	82.6	89.2	86.0	83.1	79.2	77.3	74.2	69.6	67.7

STATIC PRESSURE	8.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Component	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	3,400	Discharge	71.3	93.5	79.9	65.3	66.0	65.1	60.8	58.1	49.9
		Inlet	65.3	87.0	75.8	66.8	59.7	54.6	49.8	49.2	47.0
Discharge		81.5	99.6	88.8	78.8	76.4	76.6	71.5	70.3	64.9	
Inlet		73.1	91.4	82.8	74.6	67.4	66.2	60.0	60.5	56.7	
Discharge		80.8	99.7	89.4	76.1	75.2	75.5	71.4	69.7	65.3	
Inlet		72.7	92.5	82.6	73.6	66.9	64.3	59.5	59.5	56.0	
N/A	N/A	Outdoor	82.6	89.2	86.0	83.1	79.2	77.3	74.2	69.6	67.7

STATIC PRESSURE	10 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Component	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	4,000	Discharge	74.5	92.3	82.2	71.0	70.8	69.0	64.1	65.6	55.6
		Inlet	67.2	88.8	76.6	66.8	62.2	58.5	54.7	52.4	47.4
Discharge		76.8	95.8	85.3	72.2	71.7	71.2	67.3	65.2	59.8	
Inlet		69.2	89.5	79.3	68.8	63.9	60.6	57.1	55.5	50.5	
Discharge		77.1	96.2	85.3	72.5	72.0	71.5	67.6	65.3	59.9	
Inlet		71.0	91.7	81.2	70.8	65.2	62.0	58.8	57.4	53.1	
N/A	N/A	Outdoor	82.6	89.2	86.0	83.1	79.2	77.3	74.2	69.6	67.7

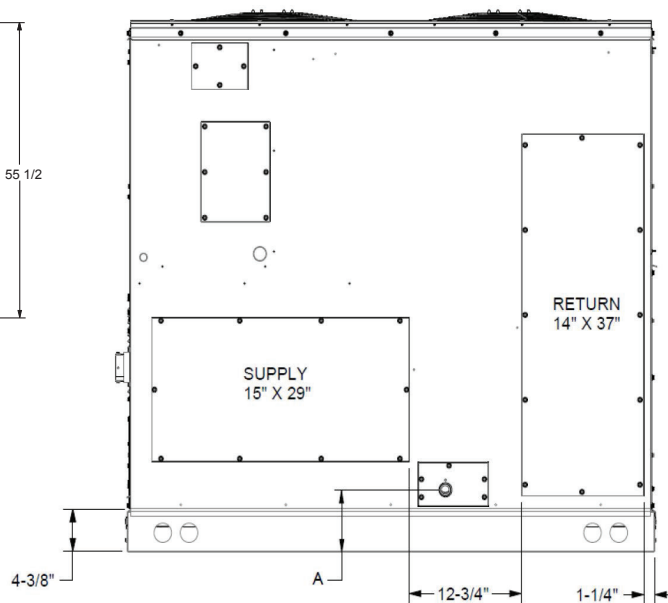
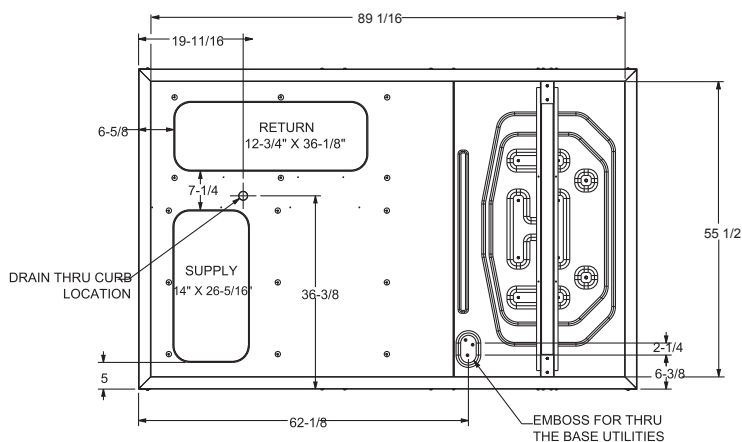
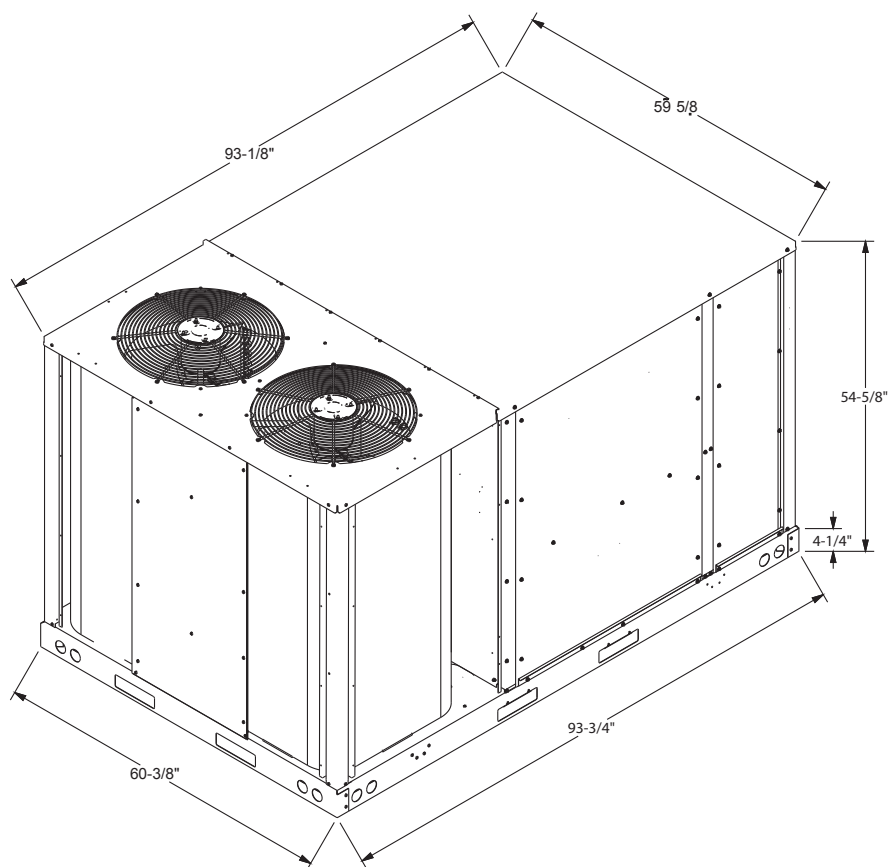
STATIC PRESSURE	12.5 TON SOUND (DB) AT 60 HZ										
	Indoor CFM	Component	A-Weighted	63	125	250	500	1000	2000	4000	8000
0.8	5,000	Discharge	78.5	92.6	82.0	73.2	74.2	74.5	69.4	68.6	63.2
		Inlet	70.1	92.3	78.8	68.7	64.0	62.2	57.7	57.3	52.2
Discharge		79.5	93.1	84.7	77.1	74.9	75.4	69.9	68.9	63.8	
Inlet		72.0	91.9	82.6	72.5	66.4	63.8	59.5	58.8	53.8	
Discharge		82.4	100.4	90.1	78.2	77.3	77.2	72.9	71.1	66.7	
Inlet		73.4	93.2	84.0	73.1	67.9	65.0	61.4	60.7	56.0	
N/A	N/A	Outdoor	86.8	95.4	85.3	86.8	83.3	81.7	79.8	72.2	66.9

¹ Outdoor sound data is measured in accordance with AHRI standard 270

² Discharge and Inlet sound data was measured in accordance with AHRI standard 260.

³ Measurements are expressed in terms of sound power. Do not compare these values to sound pressure values because sound pressure depends on specific environment factors which normally do not match individual applications. Sound power values are independent of the environment and therefore more accurate.

⁴ A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standards 260 and 270.



UNIT	DIM "A"
DSC 090	9"
DSC 102	9"
DSC 120	6½"
DSC 150	6½"

kW = Total system power

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

Shaded area reflects ACCA (TVA) conditions

s are measured at the liquid and suction access fittings.

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

IDB: Entering Indoor Dry Bulb Temperature

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

		Outdoor Ambient Temperature																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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IDB	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4899	4903	4907	4911	4915	4919	4923	4927	4931	4935	4939	4943	4947	4951	4955	4959	4963	4967	4971	4975	4979	4983	4987	4991	4995	4999

		Outdoor Ambient Temperature												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	59	63	67	71						
70	Capacity	99,225	100,619	103,567		98,342	99,736	102,684		95,765	97,159	100,107		91,331	92,725	95,673		85,913	87,307	90,255		80,966	82,360	85,308		1.00	0.62	0.48		1.00	0.62	0.48		1.00	0.62	0.48			
	Evap dT	18.30	16.56	13.32		18.25	16.51	13.27		18.49	16.76	13.51		18.23	16.49	13.25		18.00	16.26	13.02		19.09	17.35	14.11		1.00	0.62	0.48		1.00	0.62	0.48		1.00	0.62	0.48			
	Pr Suc	129.58	131.17	134.45		137.41	139.00	142.28		144.27	145.86	149.14		150.07	151.66	154.94		155.77	157.36	160.64		162.89	164.49	167.76		155.77	157.36	160.64		162.89	164.49	167.76		162.89	164.49	167.76			
	Pr Dis	265.90	267.05	268.91		307.70	308.85	310.71		351.49	352.64	354.51		398.65	399.80	401.66		449.49	450.64	452.50		503.75	504.89	506.76		449.49	450.64	452.50		503.75	504.89	506.76		503.75	504.89	506.76			
	ODamps	24.38	24.36	24.30		27.55	27.53	27.47		31.09	31.06	31.01		34.92	34.89	34.84		39.19	39.17	39.11		44.21	44.19	44.13		39.19	39.17	39.11		44.21	44.19	44.13		44.21	44.19	44.13			
	TotalPower	6,269	6,263	6,251		6,961	6,955	6,944		7,734	7,728	7,716		8,570	8,565	8,553		9,505	9,499	9,487		10,601	10,595	10,584		9,505	9,499	9,487		10,601	10,595	10,584		10,601	10,595	10,584			
	Capacity	99,983	101,377	104,325		99,099	100,493	103,441		96,522	97,916	100,864		92,089	93,483	96,431		86,670	88,064	91,012		81,724	83,118	86,066		86,670	88,064	91,012		81,724	83,118	86,066		81,724	83,118	86,066			
	Evap dT	17.73	16.00	12.75		17.68	15.95	12.70		17.93	16.19	12.95		17.67	15.93	12.69		17.44	15.70	12.45		18.52	16.79	13.54		17.44	15.70	12.45		18.52	16.79	13.54		18.52	16.79	13.54			
	Pr Suc	130.66	132.25	135.53		138.49	140.08	143.36		145.36	146.95	150.22		151.16	152.75	156.03		156.85	158.44	161.72		163.98	165.57	168.85		156.85	158.44	161.72		163.98	165.57	168.85		163.98	165.57	168.85			
	Pr Dis	267.15	268.30	270.16		308.95	310.10	311.96		352.74	353.89	355.75		399.90	401.05	402.91		450.74	451.89	453.75		504.99	506.14	508.01		399.90	401.05	402.91		450.74	451.89	453.75		504.99	506.14	508.01			
ODamps	24.47	24.45	24.39		27.64	27.62	27.56		31.18	31.15	31.10		35.00	34.98	34.93		39.28	39.26	39.20		44.30	44.27	44.22		39.28	39.26	39.20		44.30	44.27	44.22		44.30	44.27	44.22				
TotalPower	6,288	6,282	6,271		6,980	6,975	6,963		7,753	7,748	7,736		8,589	8,584	8,572		9,524	9,518	9,507		10,620	10,615	10,603		9,524	9,518	9,507		10,620	10,615	10,603		10,620	10,615	10,603				
3825	Capacity	102,550	103,944	106,892		101,667	103,061	106,009		99,090	100,484	103,432		94,656	96,050	98,998		89,238	90,632	93,580		84,291	85,685	88,633		89,238	90,632	93,580		84,291	85,685	88,633		84,291	85,685	88,633			
	Evap dT	16.40	14.66	11.42		16.35	14.61	11.37		16.60	14.86	11.62		16.33	14.60	11.35		16.10	14.36	11.12		17.19	15.45	12.21		16.10	14.36	11.12		17.19	15.45	12.21		17.19	15.45	12.21			
	Pr Suc	134.06	135.65	138.93		141.89	143.48	146.76		148.75	150.35	153.62		154.56	156.15	159.43		160.25	161.84	165.12		167.38	168.97	172.25		154.56	156.15	159.43		160.25	161.84	165.12		167.38	168.97	172.25			
	Pr Dis	270.58	271.73	273.59		312.38	313.53	315.39		356.17	357.32	359.18		403.33	404.48	406.34		454.17	455.32	457.18		508.42	509.57	511.44		403.33	404.48	406.34		454.17	455.32	457.18		508.42	509.57	511.44			
	ODamps	24.68	24.65	24.60		27.85	27.82	27.77		31.38	31.36	31.31		35.21	35.19	35.13		39.49	39.46	39.41		44.51	44.48	44.43		39.49	39.46	39.41		44.51	44.48	44.43		44.51	44.48	44.43			
	TotalPower	6,333	6,328	6,316		7,026	7,020	7,008		7,798	7,793	7,781		8,635	8,629	8,617		9,569	9,564	9,552		10,666	10,660	10,648		9,569	9,564	9,552		10,666	10,660	10,648		10,666	10,660	10,648			
	75	Capacity	99,283	100,677	103,625	108,128	98,399	99,793	102,741	107,244		95,822	97,216	100,164	104,667	91,389	92,783	95,731	100,234	85,970	87,364	90,312	94,815	81,024	82,418	85,366	89,869	1.00	0.74	0.61	0.47	1.00	0.74	0.61	0.47	1.00	0.74	0.61	0.47
		Evap dT	22.12	20.38	17.14	13.78	22.07	20.33	17.09	13.73		22.31	20.58	17.33	13.97	22.05	20.31	17.07	13.71	21.82	20.08	16.84	13.48	22.91	21.17	17.93	14.57	21.82	20.08	16.84	13.48	22.91	21.17	17.93	14.57	21.82	20.08	16.84	13.48
		Pr Suc	129.61	131.20	134.48	139.96	137.44	139.03	142.31	147.79		144.30	145.89	149.17	154.66	150.10	151.69	154.97	160.46	155.80	157.39	160.67	166.15	162.93	164.52	167.80	173.28	155.80	157.39	160.67	166.15	162.93	164.52	167.80	173.28	155.80	157.39	160.67	166.15
		Pr Dis	266.14	267.28	269.15	273.77	307.94	309.09	310.95	315.57		351.73	352.88	354.74	359.36	398.88	400.03	401.90	406.51	449.72	450.87	452.74	457.35	503.98	505.13	506.99	511.61	449.72	450.87	452.74	457.35	503.98	505.13	506.99	511.61	449.72	450.87	452.74	457.35
ODamps		24.36	24.34	24.28	24.53	27.53	27.51	27.45	27.69		31.07	31.04	30.99	31.23	34.90	34.87	34.82	35.06	39.17	39.15	39.09	39.34	44.19	44.17	44.11	44.35	39.17	39.15	39.09	39.34	44.19	44.17	44.11	44.35	39.17	39.15	39.09	39.34	
TotalPower		6,264	6,259	6,247	6,300	6,956	6,951	6,939	6,992		7,729	7,724	7,712	7,765	8,566	8,560	8,548	8,601	9,500	9,495	9,483	9,536	10,596	10,591	10,579	10,632	9,500	9,495	9,483	9,536	10,596	10,591	10,579	10,632	9,500	9,495	9,483	9,536	
Capacity		100,040	101,434	104,382	108,885	99,157	100,551	103,499	108,002		96,580	97,974	100,922	105,425	92,146	93,540	96,488	100,991	86,728	88,122	91,070	95,573	81,781	83,175	86,123	90,626	86,728	88,122	91,070	95,573	81,781	83,175	86,123	90,626	86,728	88,122	91,070	95,573	
Evap dT		21.55	19.81	16.57	13.21	21.50	19.77	16.52	13.16		21.75	20.01	16.77	13.41	21.49	19.75	16.51	13.15	21.25	19.52	16.27	12.91	22.34	20.60	17.36	14.00	21.25	19.52	16.27	12.91	22.34	20.60	17.36	14.00	21.25	19.52	16.27	12.91	
Pr Suc		130.69	132.28	135.56	141.04	138.52	140.12	143.39	148.88		145.39	146.98	150.26	155.74	151.19	152.78	156.06	161.54	156.88	158.47	161.75	167.23	164.01	165.60	168.88	174.36	156.88	158.47	161.75	167.23	164.01	165.60	168.88	174.36	156.88	158.47	161.75	167.23	
Pr Dis		267.38	268.53	270.40	275.01	309.18	310.33	312.20	316.81		352.98	354.13	355.99	360.61	400.13	401.28	403.14	407.76	450.97	452.12	453.98	458.60	505.23	506.38	508.24	512.86	450.97	452.12	453.98	458.60	505.23	506.38	508.24	512.86	450.97	452.12	453.98	458.60	
ODamps	24.45	24.43	24.37	24.61	27.62	27.59	27.54	27.78		31.16	31.13	31.08	31.32	34.98	34.96	34.91	35.15	39.26	39.24	39.18	39.42	44.28	44.25	44.20	44.44	39.26	39.24	39.18	39.42	44.28	44.25	44.20	44.44	39.26	39.24	39.18	39.42		
TotalPower	6,283	6,278	6,266																																				

		Outdoor Ambient Temperature										115																			
		65					75					85					95					105					115				
IDB	Airflow	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75	59	63	67	71	75
2975	Capacity	99,794	101,188	104,136	108,639	113,146	98,911	100,304	103,252	107,756	112,260	96,334	97,727	100,676	105,179	109,683	91,900	93,294	96,242	100,745	105,248	86,482	87,875	90,823	95,327	81,535	82,929	85,877	90,380	94,884	99,386
	S/T	1.00	0.79	0.66	0.52	0.39	1.00	0.80	0.67	0.53	0.40	1.00	0.80	0.67	0.53	0.40	1.00	0.80	0.67	0.53	0.40	1.00	0.80	0.67	0.53	1.00	0.80	0.67	0.53	0.40	
	Evap dT	25.96	24.22	20.98	17.62	14.28	25.91	24.18	20.93	17.57	14.21	26.16	24.42	21.18	17.82	14.46	25.90	24.16	20.92	17.56	14.20	25.66	23.93	20.68	17.32	26.75	25.01	21.77	18.41	15.05	
	Pr Suc	130.18	131.77	135.04	140.53	146.00	138.01	139.60	142.88	148.36	153.83	144.87	146.46	149.74	155.22	160.69	152.26	155.54	161.03	166.51	171.98	166.37	157.96	161.24	166.72	163.49	165.09	168.36	173.85	179.33	
	Pr Dis	266.62	267.77	269.64	274.25	278.81	308.42	309.57	311.44	316.05	320.61	352.22	353.37	355.23	359.85	364.41	399.37	400.52	402.38	407.00	411.56	450.21	451.36	453.22	457.84	504.47	505.62	507.48	512.10	516.78	
	ODamps	24.38	24.35	24.30	24.54	24.71	27.55	27.52	27.47	27.71	27.88	31.09	31.06	31.01	31.25	31.42	34.91	34.89	34.83	35.08	35.33	39.19	39.16	39.11	39.35	44.21	44.18	44.13	44.37	44.62	
	TotalPower	6,268	6,262	6,250	6,303	6,356	6,960	6,955	6,943	6,996	7,049	7,733	7,727	7,716	7,769	7,822	8,569	8,564	8,552	8,605	8,658	9,504	9,498	9,486	9,539	10,600	10,595	10,583	10,636	10,689	
3200	Capacity	100,552	101,945	104,893	109,397	113,901	99,668	101,062	104,010	108,513	113,017	97,091	98,485	101,433	105,936	110,440	92,658	94,051	96,999	101,503	106,006	87,239	88,633	91,581	96,084	82,292	83,686	86,634	91,137	95,640	
	S/T	1.00	0.82	0.69	0.55	0.42	1.00	0.83	0.70	0.56	0.43	1.00	0.83	0.70	0.56	0.43	1.00	0.83	0.70	0.56	0.43	1.00	0.83	0.70	0.56	1.00	0.83	0.70	0.56	0.43	
	Evap dT	25.40	23.66	20.42	17.06	13.70	25.35	23.61	20.37	17.01	13.65	25.59	23.86	20.61	17.25	13.89	25.33	23.59	20.35	16.99	13.63	25.10	23.36	20.12	16.76	26.19	24.45	21.21	17.85	14.49	
	Pr Suc	131.26	132.85	136.13	141.61	147.08	139.09	140.68	143.96	149.45	154.92	145.95	147.55	150.82	156.31	161.78	151.76	153.35	156.63	162.11	167.58	157.45	159.04	162.32	167.80	164.58	166.17	169.45	174.93	180.41	
	Pr Dis	267.87	269.02	270.88	275.50	280.07	309.67	310.82	312.68	317.30	321.86	353.46	354.61	356.48	361.09	365.65	400.62	401.77	403.63	408.25	412.81	451.46	452.61	454.47	459.09	505.72	506.86	508.73	513.34	517.92	
	ODamps	24.47	24.44	24.39	24.63	24.80	27.64	27.61	27.56	27.80	28.03	31.17	31.15	31.09	31.34	31.51	35.00	34.98	34.92	35.16	35.41	39.28	39.25	39.20	39.44	44.30	44.27	44.22	44.46	44.71	
	TotalPower	6,287	6,282	6,270	6,323	6,376	6,979	6,974	6,962	7,015	7,068	7,752	7,747	7,735	7,788	7,841	8,589	8,583	8,571	8,624	8,677	9,523	9,518	9,506	9,559	10,619	10,614	10,602	10,655	10,708	
3825	Capacity	103,119	104,513	107,461	111,964	116,468	102,235	103,629	106,577	111,080	115,584	99,659	101,052	104,000	108,504	113,007	95,225	96,619	99,567	104,070	108,573	89,806	91,200	94,148	98,651	84,860	86,254	89,202	93,705	98,208	
	S/T	1.00	0.86	0.73	0.59	0.46	1.00	0.87	0.74	0.60	0.47	1.00	0.87	0.74	0.60	0.47	1.00	0.87	0.74	0.60	0.47	1.00	0.87	0.74	0.60	1.00	0.87	0.74	0.60	0.47	
	Evap dT	24.06	22.33	19.08	15.72	12.36	24.02	22.28	19.04	15.68	12.30	24.26	22.52	19.28	15.92	12.54	24.00	22.26	19.02	15.66	12.30	23.77	22.03	18.79	15.43	24.85	23.12	19.87	16.51	13.15	
	Pr Suc	134.66	136.25	139.53	145.01	150.48	142.49	144.08	147.36	152.85	158.32	149.35	150.95	154.22	159.71	165.18	155.16	156.75	160.02	165.51	170.98	160.85	162.44	165.72	171.20	167.98	169.57	172.85	178.33	183.81	
	Pr Dis	271.30	272.45	274.31	278.93	283.50	313.10	314.25	316.11	320.73	325.30	356.89	358.04	359.91	364.52	369.09	404.05	405.20	407.06	411.68	416.25	454.89	456.04	457.90	462.52	509.15	510.30	512.16	516.78	521.36	
	ODamps	24.68	24.65	24.60	24.84	25.01	27.84	27.82	27.76	28.01	28.26	31.38	31.36	31.30	31.54	31.71	35.21	35.18	35.13	35.37	35.62	39.49	39.46	39.41	39.65	44.50	44.48	44.42	44.67	44.92	
	TotalPower	6,332	6,327	6,315	6,368	6,421	7,025	7,019	7,007	7,060	7,113	7,798	7,792	7,780	7,833	7,886	8,634	8,628	8,617	8,670	8,723	9,568	9,563	9,551	9,604	10,665	10,659	10,647	10,700	10,753	
2975	Capacity	101,457	102,851	105,799	110,302	114,806	100,573	101,967	104,915	109,418	113,922	97,996	99,390	102,338	106,841	111,345	93,563	94,957	97,905	102,408	106,911	88,144	89,538	92,486	96,989	83,198	84,592	87,540	92,043	96,546	
	S/T	1.00	0.89	0.76	0.62	0.49	1.00	0.90	0.77	0.63	0.50	1.00	0.90	0.77	0.63	0.50	1.00	0.90	0.77	0.63	0.50	1.00	0.90	0.77	0.63	1.00	0.90	0.77	0.63	0.50	
	Evap dT	29.37	27.63	24.39	21.03	17.67	29.32	27.59	24.34	20.98	17.62	29.57	27.83	24.59	21.23	17.87	29.31	27.57	24.33	20.97	17.61	29.07	27.34	24.09	20.73	30.16	28.42	25.18	21.82	18.46	
	Pr Suc	132.11	133.70	136.98	142.46	147.93	139.94	141.53	144.81	150.29	155.76	146.80	148.39	151.67	157.15	162.62	152.60	154.19	157.47	162.96	168.43	158.30	159.89	163.17	168.65	165.42	167.02	170.29	175.78	181.26	
	Pr Dis	267.87	269.02	270.88	275.50	280.07	309.67	310.82	312.68	317.30	321.86	353.46	354.61	356.47	361.09	365.65	400.62	401.77	403.63	408.25	412.81	451.46	452.61	454.47	459.09	505.71	506.86	508.73	513.34	517.92	
	ODamps	24.44	24.41	24.36	24.60	24.77	27.61	27.58	27.53	27.77	28.00	31.15	31.12	31.07	31.31	31.48	34.97	34.95	34.89	35.14	35.39	39.25	39.23	39.17	39.41	44.27	44.24	44.19	44.43	44.68	
	TotalPower	6,281	6,275	6,264	6,317	6,370	6,973	6,968	6,956	7,009	7,062	7,746	7,741	7,729	7,782	7,835	8,582	8,577	8,565	8,618	8,671	9,517	9,511	9,500	9,553	10,613	10,608	10,596	10,649	10,702	
3200	Capacity	102,214	103,608	106,556	111,059	115,562	101,331	102,725	105,673	110,176	114,680	98,754	100,148	103,096	107,599	112,103	94,320	95,714	98,662	103,165	107,668	88,902	90,296	93,244	97,747	83,955	85,349	88,297	92,800	97,303	
	S/T	1.00	0.92	0.79	0.65	0.52	1.00	0.92	0.79	0.65	0.52	1.00	0.92	0.79	0.65	0.52	1.00	0.92	0.79	0.65	0.52	1.00	0.92	0.79	0.65	1.00	0.92	0.79	0.65	0.52	
	Evap dT	28.81	27.07	23.83	20.47	17.11	28.76	27.02	23.78	20.42	17.06	29.00	27.27	24.02	20.66	17.30	28.74	27.00	23.76	20.40	17.04	28.51	26.77	23.53	20.17	29.60	27.86	24.62	21.26	17.90	
	Pr Suc	133.19	134.78	138.06	143.54	149.01	141.02	142.61	145.89	151.38	156.85	147.89	149.48	152.76	158.24	163.71	153.69	155.28	158.56	164.04	169.51	159.38	160.97	164.25	169.73	166.51	168.10	171.38	176.86	182.34	
	Pr Dis	269.12	270.27	272.13	276.75	281.32	310.92	312.07	313.93	318.55	323.12	354.71	355.86	357.72	362.34	366.91	401.86	403.01	404.88	409.49	414.06	452.71	453.85	455.72	460.33	506.96	508.11	509.97	514.59	520.07	
	ODamps	24.53.4																													

		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	Capacity	118,689	120,356	123,881	117,632	119,299	122,825	114,551	116,218	119,743	109,249	110,916	114,441	102,769	104,436	107,961	96,853	98,520	102,046	100,100	101,767	105,293	98,853	100,520	104,046
	S/T	0.62	0.55	0.41	0.63	0.55	0.42	1.00	0.58	0.44	1.00	0.59	0.46	1.00	0.62	0.48	1.00	0.62	0.48	1.00	0.62	1.00	0.62	1.00	0.53
	Evap dT	20.10	18.19	14.62	20.05	18.14	14.57	20.32	18.41	14.84	20.03	18.12	14.55	19.77	17.86	14.30	20.97	19.06	15.49	20.97	19.06	15.49	20.97	19.06	15.49
	Pr Suc	134.10	135.75	139.14	142.21	143.86	147.25	149.31	150.96	154.35	155.31	156.96	160.35	161.20	162.85	166.24	168.58	170.22	173.62	168.58	170.22	173.62	168.58	170.22	173.62
	Pr Dis	273.70	274.89	276.80	316.72	317.91	319.82	361.79	362.98	364.89	410.33	411.51	413.43	462.65	463.83	465.75	518.49	519.67	521.59	462.65	463.83	465.75	518.49	519.67	521.59
	ODamps	28.24	28.21	28.14	32.32	32.29	32.22	36.88	36.84	36.77	41.80	41.77	41.70	47.31	47.28	47.21	53.77	53.74	53.67	47.31	47.28	47.21	53.77	53.74	53.67
	TotalPower	7,292	7,285	7,269	8,183	8,176	8,161	9,178	9,171	9,156	10,255	10,248	10,233	11,459	11,451	11,436	12,870	12,863	12,848	11,459	11,451	11,436	12,870	12,863	12,848
	Capacity	119,648	121,314	124,840	118,591	120,258	123,784	115,509	117,176	120,702	110,207	111,874	115,400	103,728	105,394	108,920	97,812	99,479	103,004	103,728	105,394	108,920	97,812	99,479	103,004
	S/T	0.65	0.58	0.44	1.00	0.58	0.45	1.00	0.61	0.47	1.00	0.62	0.49	1.00	0.65	0.51	1.00	0.65	0.51	1.00	0.65	1.00	0.65	1.00	0.56
	Evap dT	19.45	17.54	13.97	19.40	17.49	13.92	19.67	17.76	14.19	19.38	17.47	13.90	19.12	17.21	13.65	20.32	18.41	14.84	19.12	17.21	13.65	20.32	18.41	14.84
4050	Pr Suc	135.29	136.93	140.33	143.39	145.04	148.43	150.49	152.14	155.53	156.49	158.14	161.53	162.39	164.03	167.42	169.76	171.41	174.80	162.39	164.03	167.42	169.76	171.41	174.80
	Pr Dis	275.05	276.24	278.15	318.07	319.26	321.17	363.14	364.33	366.24	411.67	412.86	414.77	464.00	465.18	467.10	519.84	521.02	522.94	464.00	465.18	467.10	519.84	521.02	522.94
	ODamps	28.36	28.33	28.26	32.44	32.41	32.34	36.99	36.96	36.89	41.92	41.89	41.82	47.43	47.40	47.33	53.89	53.86	53.79	47.43	47.40	47.33	53.89	53.86	53.79
	TotalPower	7,318	7,311	7,295	8,209	8,202	8,187	9,204	9,197	9,182	10,281	10,274	10,259	11,484	11,477	11,462	12,896	12,889	12,874	11,484	11,477	11,462	12,896	12,889	12,874
	Capacity	122,690	124,357	127,882	121,634	123,300	126,826	118,552	120,219	123,744	113,250	114,917	118,442	106,770	108,437	111,962	100,854	102,521	106,047	106,770	108,437	111,962	100,854	102,521	106,047
	S/T	0.69	0.62	0.48	1.00	0.62	0.49	1.00	0.65	0.51	1.00	0.66	0.53	1.00	0.69	0.55	1.00	0.69	0.55	1.00	0.69	1.00	0.69	1.00	0.60
	Evap dT	18.01	16.10	12.54	17.96	16.05	12.49	18.23	16.32	12.75	17.94	16.03	12.47	17.69	15.78	12.21	18.88	16.97	13.41	17.69	15.78	12.21	18.88	16.97	13.41
	Pr Suc	138.76	140.41	143.80	146.87	148.52	151.91	153.97	155.62	159.01	159.97	161.62	165.01	165.86	167.51	170.90	173.24	174.89	178.28	165.86	167.51	170.90	173.24	174.89	178.28
	Pr Dis	278.53	279.71	281.63	321.55	322.73	324.65	366.62	367.80	369.72	415.15	416.33	418.25	467.48	468.66	470.58	523.32	524.50	526.42	467.48	468.66	470.58	523.32	524.50	526.42
	ODamps	28.62	28.59	28.52	32.70	32.67	32.60	37.26	37.22	37.15	42.19	42.15	42.08	47.69	47.66	47.59	54.15	54.12	54.05	47.69	47.66	47.59	54.15	54.12	54.05
	TotalPower	7,375	7,368	7,353	8,266	8,259	8,244	9,262	9,255	9,239	10,338	10,331	10,316	11,542	11,535	11,519	12,953	12,946	12,931	11,542	11,535	11,519	12,953	12,946	12,931
75	Capacity	118,758	120,424	123,950	117,701	119,368	122,894	114,619	116,286	119,812	109,317	110,984	114,510	102,838	104,504	108,030	96,922	98,589	102,114	102,838	104,504	108,030	96,922	98,589	102,114
	S/T	1.00	0.67	0.54	1.00	0.68	0.54	1.00	0.70	0.57	1.00	0.69	0.45	1.00	0.70	0.57	1.00	0.70	0.57	1.00	0.69	0.45	1.00	0.70	0.57
	Evap dT	24.30	22.39	18.82	24.25	22.34	18.77	24.52	22.61	19.04	24.23	22.32	18.75	23.97	22.06	18.50	25.17	23.26	19.69	23.97	22.06	18.50	25.17	23.26	19.69
	Pr Suc	134.13	135.78	139.17	142.24	143.89	147.28	149.34	150.99	154.38	155.34	156.99	160.38	161.23	162.88	166.27	168.61	170.26	173.65	161.23	162.88	166.27	168.61	170.26	173.65
	Pr Dis	273.94	275.13	277.04	316.97	318.15	320.07	362.04	363.22	365.14	410.57	411.75	413.67	462.89	464.07	465.99	518.73	519.91	521.83	462.89	464.07	465.99	518.73	519.91	521.83
	ODamps	28.21	28.18	28.11	32.29	32.26	32.19	36.85	36.82	36.75	41.78	41.75	41.68	47.28	47.25	47.18	53.75	53.71	53.64	47.28	47.25	47.18	53.75	53.71	53.64
	TotalPower	7,286	7,279	7,264	8,177	8,170	8,155	9,172	9,165	9,150	10,249	10,242	10,227	11,453	11,446	11,430	12,864	12,857	12,842	11,453	11,446	11,430	12,864	12,857	12,842
	Capacity	119,716	121,383	124,909	118,660	120,327	123,852	115,578	117,245	120,771	110,276	111,943	115,469	103,796	105,463	108,989	97,881	99,548	103,073	103,796	105,463	108,989	97,881	99,548	103,073
	S/T	1.00	0.70	0.57	1.00	0.71	0.58	1.00	0.73	0.60	1.00	0.70	0.46	1.00	0.73	0.60	1.00	0.73	0.60	1.00	0.70	0.46	1.00	0.73	0.60
	Evap dT	23.65	21.74	18.17	23.60	21.69	18.12	23.87	21.96	18.39	23.58	21.67	18.10	23.32	21.41	17.85	24.52	22.61	19.04	23.32	21.41	17.85	24.52	22.61	19.04
	Pr Suc	135.32	136.96	140.36	143.42	145.07	148.46	150.52	152.17	155.56	156.53	158.17	161.56	162.42	164.06	167.45	169.79	171.44	174.83	162.42	164.06	167.45	169.79	171.44	174.83
4050	Pr Dis	275.29	276.48	278.39	318.31	319.50	321.41	363.38	364.57	366.48	411.92	413.10	415.02	464.24	465.42	467.34	520.08	521.26	523.18	464.24	465.42	467.34	520.08	521.26	523.18
	ODamps	28.33	28.30	28.23	32.41	32.38	32.31	36.97	36.94	36.87	41.90	41.86	41.79	47.40	47.37	47.30	53.86	53.83	53.76	47.40	47.37	47.30	53.86	53.83	53.76
	TotalPower	7,312	7,305	7,290	8,203	8,196	8,181	9,198	9,191	9,176	10,275	10,268	10,253	11,479	11,472	11,456	12,890	12,883	12,868	11,479	11,472	11,456	12,890	12,883	12,868
	Capacity	122,759	124,426	127,951	121,702	123,369	126,895	118,621	120,288	123,813	113,319	114,985	118,511	106,839	108,506	112,031	100,923	102,590	106,116	106,839	108,506	112,031	100,923	102,590	106,116
	S/T	1.00	0.74	0.61	1.00	0.75	0.62	1.00	0.76	0.64	1.00	0.76	0.52	1.00	0.76	0.64	1.00	0.76	0.64	1.00	0.76	0.64	1.00	0.76	0.64
	Evap dT	22.21	20.30	16.74	22.16	20.25	16.69	22.43	20.52	16.95	22.14	20.23	16.67	21.89	19.98	16.41	23.08	21.17	17.61	21.89	19.98	16.41	23.08	21.17	17.61
	Pr Suc	138.80	140.44	143.83	146.90	148.55	151.94	154.00	155.65	159.04	160.00	161.65	165.04	165.86	167.51	170.93	173.27	174.92	178.31	165.86	167.51	170.93	173.27	174.92	178.31
	Pr Dis	278.77	279.95	281.87	321.79	322.97	324.89	366.86	368.04	369.96	415.39	416.58	418.49	467.72	468.90	470.82	523.56	524.74	526.66	467.72	468.90	470.82	523.56	524.74	526.66
	ODamps	28.60	28.56	28.49	32.68	32.64	32.57	37.23	37.20	37.13	42.16	42.13	42.06	47.67	47.63	47.56	54.13	54.09	54.02	47.67	47.63	47.56	54.13	54.09	54.02
	TotalPower	7,369	7,362	7,347	8,261	8,254	8,238	9,256	9,249	9,233	10,333	10,326	10,310	11,536	11,529	11,514	12,948	12,941	12,925	11,536	11,529	11,514	12,948	12,941	12,925

kW = Total system power

Amps: Unit amps (comp.+ evaporator +

		Outdoor Ambient Temperature												105												115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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IDB	Airflow	ID WB	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859

		Outdoor Ambient Temperature												115																			
		65						75						85						95						105							
IDB	Airflow	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71	59	63	67	71
70	Capacity	143,021	145,033	149,288	141,746	143,758	148,013	138,027	140,038	144,293	131,628	133,639	137,894	123,807	125,819	130,074	116,668	118,680	122,934	100	100	100	100	100	100	100	100	100	100	100	100	100	100
	S/T	0.59	0.52	0.39	1.00	0.53	0.40	1.00	0.55	0.42	1.00	0.57	0.44	1.00	0.59	0.46	1.00	0.60	0.48	1.00	1.00	0.50	1.00	1.00	0.50	1.00	1.00	0.50	1.00	1.00	0.55	1.00	
	Evap dT	19.72	17.86	14.38	19.67	17.81	14.33	19.67	17.81	14.33	19.67	17.79	14.31	19.65	17.79	14.31	19.40	17.54	14.06	18.67	16.81	13.34	19.84	17.98	14.50	172.48	174.15	177.60	164.98	166.66	170.10	172.48	174.15
	Pr Suc	136.09	137.76	141.21	144.33	146.00	149.45	151.55	153.22	156.67	157.65	159.32	162.77	163.64	165.31	168.76	171.14	172.81	176.26	163.64	165.31	168.76	171.14	172.81	176.26	163.64	165.31	168.76	171.14	172.81	176.26	163.64	165.31
	Pr Dis	269.31	270.48	272.36	311.69	312.85	314.74	356.08	357.24	359.13	403.88	405.04	406.93	455.42	456.58	458.47	510.42	511.58	513.47	455.42	456.58	458.47	510.42	511.58	513.47	455.42	456.58	458.47	510.42	511.58	513.47	455.42	456.58
	ODamps	32.65	32.62	32.54	37.28	37.24	37.16	42.44	42.40	42.32	48.03	47.99	47.91	54.27	54.23	54.15	61.59	61.55	61.47	54.27	54.23	54.15	61.59	61.55	61.47	54.27	54.23	54.15	61.59	61.55	61.47	54.27	54.23
	TotalPower	9,006	8,998	8,981	10,016	10,008	9,991	11,144	11,136	11,119	12,365	12,357	12,339	13,728	13,720	13,703	15,328	15,320	15,303	13,728	13,720	13,703	15,328	15,320	15,303	13,728	13,720	13,703	15,328	15,320	15,303	13,728	13,720
4200	Capacity	144,305	146,317	150,572	143,030	145,042	149,297	139,311	141,322	145,577	132,912	134,923	139,178	125,091	127,103	131,358	117,952	119,963	124,218	125,091	127,103	131,358	117,952	119,963	124,218	125,091	127,103	131,358	117,952	119,963	124,218	125,091	127,103
	S/T	0.63	0.56	0.43	1.00	0.56	0.43	1.00	0.59	0.46	1.00	0.60	0.48	1.00	1.00	0.50	1.00	1.00	0.55	1.00	1.00	0.50	1.00	1.00	0.55	1.00	1.00	0.50	1.00	1.00	0.55	1.00	
	Evap dT	18.99	17.13	13.66	18.94	17.08	13.61	18.94	17.34	13.59	18.92	17.06	13.59	18.67	16.81	13.34	19.84	17.98	14.50	18.67	16.81	13.34	19.84	17.98	14.50	18.67	16.81	13.34	19.84	17.98	14.50	18.67	16.81
	Pr Suc	137.43	139.11	142.56	145.67	147.35	150.80	152.89	154.56	158.01	158.99	160.67	164.12	164.98	166.66	170.10	172.48	174.15	177.60	164.98	166.66	170.10	172.48	174.15	177.60	164.98	166.66	170.10	172.48	174.15	177.60	164.98	166.66
	Pr Dis	270.81	271.98	273.87	313.19	314.35	316.24	357.58	358.75	360.63	405.38	406.55	408.44	456.92	458.09	459.97	511.92	513.09	514.97	456.92	458.09	459.97	511.92	513.09	514.97	456.92	458.09	459.97	511.92	513.09	514.97	456.92	458.09
	ODamps	32.81	32.77	32.69	37.43	37.40	37.32	42.59	42.56	42.48	48.18	48.14	48.06	54.42	54.38	54.31	61.74	61.71	61.63	54.42	54.38	54.31	61.74	61.71	61.63	54.42	54.38	54.31	61.74	61.71	61.63	54.42	54.38
	TotalPower	9,040	9,032	9,014	10,050	10,042	10,025	11,178	11,170	11,153	12,398	12,390	12,373	13,762	13,754	13,737	15,362	15,354	15,337	13,762	13,754	13,737	15,362	15,354	15,337	13,762	13,754	13,737	15,362	15,354	15,337	13,762	13,754
4950	Capacity	147,650	149,661	153,916	146,375	148,386	152,641	142,655	144,667	148,922	132,656	134,668	142,523	128,436	130,447	134,702	121,296	123,308	127,563	128,436	130,447	134,702	121,296	123,308	127,563	128,436	130,447	134,702	121,296	123,308	127,563	128,436	130,447
	S/T	0.67	0.60	0.47	1.00	0.60	0.47	1.00	0.63	0.50	1.00	1.00	0.52	1.00	1.00	0.54	1.00	1.00	0.59	1.00	1.00	0.54	1.00	1.00	0.59	1.00	1.00	0.54	1.00	1.00	0.59	1.00	
	Evap dT	17.68	15.82	12.34	17.63	15.77	12.29	17.89	16.03	12.55	17.61	15.75	12.27	17.36	15.50	12.02	18.52	16.66	13.19	17.36	15.50	12.02	18.52	16.66	13.19	17.36	15.50	12.02	18.52	16.66	13.19	17.36	15.50
	Pr Suc	140.67	142.35	145.80	148.91	150.59	154.04	156.13	157.80	161.25	162.23	163.91	167.36	168.22	169.90	173.34	175.72	177.39	180.84	168.22	169.90	173.34	175.72	177.39	180.84	168.22	169.90	173.34	175.72	177.39	180.84	168.22	169.90
	Pr Dis	273.99	275.15	277.04	316.36	317.53	319.42	360.76	361.92	363.81	408.56	409.72	411.61	460.10	461.26	463.15	515.10	516.26	518.15	460.10	461.26	463.15	515.10	516.26	518.15	460.10	461.26	463.15	515.10	516.26	518.15	460.10	461.26
	ODamps	33.09	33.05	32.97	37.71	37.68	37.60	42.87	42.84	42.76	48.46	48.42	48.34	54.70	54.66	54.59	62.02	61.99	61.91	54.70	54.66	54.59	62.02	61.99	61.91	54.70	54.66	54.59	62.02	61.99	61.91	54.70	54.66
	TotalPower	9,101	9,093	9,075	10,111	10,103	10,086	11,239	11,231	11,214	12,459	12,451	12,434	13,823	13,815	13,798	15,423	15,415	15,398	13,823	13,815	13,798	15,423	15,415	15,398	13,823	13,815	13,798	15,423	15,415	15,398	13,823	13,815
75	Capacity	143,104	145,116	149,371	141,829	143,841	148,096	154,595	138,110	140,122	144,376	150,876	131,711	133,722	137,977	144,477	123,890	125,902	130,157	138,901	125,902	130,157	138,901	125,902	130,157	138,901	125,902	130,157	138,901	125,902	130,157	138,901	125,902
	S/T	1.00	0.64	0.52	1.00	0.65	0.52	0.39	1.00	0.67	0.55	0.41	1.00	1.00	0.56	0.43	1.00	1.00	0.58	1.00	1.00	0.58	1.00	1.00	0.58	1.00	1.00	0.58	1.00	1.00	0.58	1.00	
	Evap dT	23.81	21.95	18.47	23.76	21.90	18.42	24.02	22.16	18.68	23.74	21.88	18.40	24.80	23.49	21.63	18.15	14.56	24.65	22.79	19.32	24.65	22.79	19.32	24.65	22.79	19.32	24.65	22.79	19.32	24.65	22.79	19.32
	Pr Suc	136.12	137.79	141.24	144.36	146.03	149.48	155.25	151.58	153.25	156.70	162.47	157.68	159.35	162.80	168.57	171.17	172.84	176.29	163.67	165.34	168.79	171.17	172.84	176.29	163.67	165.34	168.79	171.17	172.84	176.29	163.67	165.34
	Pr Dis	269.55	270.71	272.60	311.92	313.09	314.98	319.66	356.32	357.48	359.37	364.05	404.12	405.28	407.17	411.85	455.65	456.82	458.71	455.65	456.82	458.71	455.65	456.82	458.71	455.65	456.82	458.71	455.65	456.82	458.71	455.65	456.82
	ODamps	32.62	32.59	32.51	37.25	37.21	37.13	42.41	42.37	42.29	42.65	42.61	42.53	48.00	47.96	47.88	54.24	54.20	54.12	54.24	54.20	54.12	54.24	54.20	54.12	54.24	54.20	54.12	54.24	54.20	54.12	54.24	54.20
	TotalPower	8,999	8,991	8,974	10,010	10,002	9,984	10,062	11,138	11,130	11,112	11,190	12,358	12,350	12,333	12,410	13,722	13,714	13,697	13,722	13,714	13,697	13,722	13,714	13,697	13,722	13,714	13,697	13,722	13,714	13,697	13,722	13,714
4200	Capacity	144,388	146,400	150,655	143,113	145,125	149,380	155,879	139,394	141,405	145,660	152,160	132,995	135,006	139,261	145,761	125,174	127,186	131,441	137,940	125,174	127,186	131,441	137,940	125,174	127,186	131,441	137,940	125,174	127,186	131,441	137,940	125,174
	S/T	1.00	0.68	0.55	1.00	0.68	0.56	0.42	1.00	1.00	0.58	0.45	1.00	1.00	0.60	0.46	1.00	1.00	0.62	1.00	1.00	0.62	1.00	1.00	0.62	1.00	1.00	0.62	1.00	1.00	0.62	1.00	
	Evap dT	23.08	21.22	17.75	23.03	21.																											

		Outdoor Ambient Temperature										105										115																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
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IDB	Airflow	59	63	67	71	75	79	83	87	91	95	99	103	107	111	115	119	123	127	131	135	139	143	147	151	155	159	163	167	171	175	179	183	187	191	195	199	203	207	211	215	219	223	227	231	235	239	243	247	251	255	259	263	267	271	275	279	283	287	291	295	299	303	307	311	315	319	323	327	331	335	339	343	347	351	355	359	363	367	371	375	379	383	387	391	395	399	403	407	411	415	419	423	427	431	435	439	443	447	451	455	459	463	467	471	475	479	483	487	491	495	499	503	507	511	515	519	523	527	531	535	539	543	547	551	555	559	563	567	571	575	579	583	587	591	595	599	603	607	611	615	619	623	627	631	635	639	643	647	651	655	659	663	667	671	675	679	683	687	691	695	699	703	707	711	715	719	723	727	731	735	739	743	747	751	755	759	763	767	771	775	779	783	787	791	795	799	803	807	811	815	819	823	827	831	835	839	843	847	851	855	859	863	867	871	875	879	883	887	891	895	899	903	907	911	915	919	923	927	931	935	939	943	947	951	955	959	963	967	971	975	979	983	987	991	995	999	1003	1007	1011	1015	1019	1023	1027	1031	1035	1039	1043	1047	1051	1055	1059	1063	1067	1071	1075	1079	1083	1087	1091	1095	1099	1103	1107	1111	1115	1119	1123	1127	1131	1135	1139	1143	1147	1151	1155	1159	1163	1167	1171	1175	1179	1183	1187	1191	1195	1199	1203	1207	1211	1215	1219	1223	1227	1231	1235	1239	1243	1247	1251	1255	1259	1263	1267	1271	1275	1279	1283	1287	1291	1295	1299	1303	1307	1311	1315	1319	1323	1327	1331	1335	1339	1343	1347	1351	1355	1359	1363	1367	1371	1375	1379	1383	1387	1391	1395	1399	1403	1407	1411	1415	1419	1423	1427	1431	1435	1439	1443	1447	1451	1455	1459	1463	1467	1471	1475	1479	1483	1487	1491	1495	1499	1503	1507	1511	1515	1519	1523	1527	1531	1535	1539	1543	1547	1551	1555	1559	1563	1567	1571	1575	1579	1583	1587	1591	1595	1599	1603	1607	1611	1615	1619	1623	1627	1631	1635	1639	1643	1647	1651	1655	1659	1663	1667	1671	1675	1679	1683	1687	1691	1695	1699	1703	1707	1711	1715	1719	1723	1727	1731	1735	1739	1743	1747	1751	1755	1759	1763	1767	1771	1775	1779	1783	1787	1791	1795	1799	1803	1807	1811	1815	1819	1823	1827	1831	1835	1839	1843	1847	1851	1855	1859	1863	1867	1871	1875	1879	1883	1887	1891	1895	1899	1903	1907	1911	1915	1919	1923	1927	1931	1935	1939	1943	1947	1951	1955	1959	1963	1967	1971	1975	1979	1983	1987	1991	1995	1999	2003	2007	2011	2015	2019	2023	2027	2031	2035	2039	2043	2047	2051	2055	2059	2063	2067	2071	2075	2079	2083	2087	2091	2095	2099	2103	2107	2111	2115	2119	2123	2127	2131	2135	2139	2143	2147	2151	2155	2159	2163	2167	2171	2175	2179	2183	2187	2191	2195	2199	2203	2207	2211	2215	2219	2223	2227	2231	2235	2239	2243	2247	2251	2255	2259	2263	2267	2271	2275	2279	2283	2287	2291	2295	2299	2303	2307	2311	2315	2319	2323	2327	2331	2335	2339	2343	2347	2351	2355	2359	2363	2367	2371	2375	2379	2383	2387	2391	2395	2399	2403	2407	2411	2415	2419	2423	2427	2431	2435	2439	2443	2447	2451	2455	2459	2463	2467	2471	2475	2479	2483	2487	2491	2495	2499	2503	2507	2511	2515	2519	2523	2527	2531	2535	2539	2543	2547	2551	2555	2559	2563	2567	2571	2575	2579	2583	2587	2591	2595	2599	2603	2607	2611	2615	2619	2623	2627	2631	2635	2639	2643	2647	2651	2655	2659	2663	2667	2671	2675	2679	2683	2687	2691	2695	2699	2703	2707	2711	2715	2719	2723	2727	2731	2735	2739	2743	2747	2751	2755	2759	2763	2767	2771	2775	2779	2783	2787	2791	2795	2799	2803	2807	2811	2815	2819	2823	2827	2831	2835	2839	2843	2847	2851	2855	2859	2863	2867	2871	2875	2879	2883	2887	2891	2895	2899	2903	2907	2911	2915	2919	2923	2927	2931	2935	2939	2943	2947	2951	2955	2959	2963	2967	2971	2975	2979	2983	2987	2991	2995	2999	3003	3007	3011	3015	3019	3023	3027	3031	3035	3039	3043	3047	3051	3055	3059	3063	3067	3071	3075	3079	3083	3087	3091	3095	3099	3103	3107	3111	3115	3119	3123	3127	3131	3135	3139	3143	3147	3151	3155	3159	3163	3167	3171	3175	3179	3183	3187	3191	3195	3199	3203	3207	3211	3215	3219	3223	3227	3231	3235	3239	3243	3247	3251	3255	3259	3263	3267	3271	3275	3279	3283	3287	3291	3295	3299	3303	3307	3311	3315	3319	3323	3327	3331	3335	3339	3343	3347	3351	3355	3359	3363	3367	3371	3375	3379	3383	3387	3391	3395	3399	3403	3407	3411	3415	3419	3423	3427	3431	3435	3439	3443	3447	3451	3455	3459	3463	3467	3471	3475	3479	3483	3487	3491	3495	3499	3503	3507	3511	3515	3519	3523	3527	3531	3535	3539	3543	3547	3551	3555	3559	3563	3567	3571	3575	3579	3583	3587	3591	3595	3599	3603	3607	3611	3615	3619	3623	3627	3631	3635	3639	3643	3647	3651	3655	3659	3663	3667	3671	3675	3679	3683	3687	3691	3695	3699	3703	3707	3711	3715	3719	3723	3727	3731	3735	3739	3743	3747	3751	3755	3759	3763	3767	3771	3775	3779	3783	3787	3791	3795	3799	3803	3807	3811	3815	3819	3823	3827	3831	3835	3839	3843	3847	3851	3855	3859	3863	3867	3871	3875	3879	3883	3887	3891	3895	3899	3903	3907	3911	3915	3919	3923	3927	3931	3935	3939	3943	3947	3951	3955	3959	3963	3967	3971	3975	3979	3983	3987	3991	3995	3999	4003	4007	4011	4015	4019	4023	4027	4031	4035	4039	4043	4047	4051	4055	4059	4063	4067	4071	4075	4079	4083	4087	4091	4095	4099	4103	4107	4111	4115	4119	4123	4127	4131	4135	4139	4143	4147	4151	4155	4159	4163	4167	4171	4175	4179	4183	4187	4191	4195	4199	4203	4207	4211	4215	4219	4223	4227	4231	4235	4239	4243	4247	4251	4255	4259	4263	4267	4271	4275	4279	4283	4287	4291	4295	4299	4303	4307	4311	4315	4319	4323	4327	4331	4335	4339	4343	4347	4351	4355	4359	4363	4367	4371	4375	4379	4383	4387	4391	4395	4399	4403	4407	4411	4415	4419	4423	4427	4431	4435	4439	4443	4447	4451	4455	4459	4463	4467	4471	4475	4479	4483	4487	4491	4495	4499	4503	4507	4511	4515	4519	4523	4527	4531	4535	4539	4543	4547	4551	4555	4559	4563	4567	4571	4575	4579	4583	4587	4591	4595	4599	4603	4607	4611	4615	4619	4623	4627	4631	4635	4639	4643	4647	4651	4655	4659	4663	4667	4671	4675	4679	4683	4687	4691	4695	4699	4703	4707	4711	4715	4719	4723	4727	4731	4735	4739	4743	4747	4751	4755	4759	4763	4767	4771	4775	4779	4783	4787	4791	4795	4799	4803	4807	4811	4815	4819	4823	4827	4831	4835	4839	4843	4847	4851	4855	4859	4863	4867	4871	4875	4879	4883	4887	4891	4895	4

MINIMUM AIR FLOW FOR ELECTRIC HEAT										
MODEL #	MIN AIRFLOW	EHXD-3M15	EHXD-3M30	EHXD-3M45	EHXD-4M15	EHXD-4M30	EHXD-4M45	EHXD-7M15	EHXD-7M30	EHXD-7M45
DSC0903	2400	X	X	X						
DSC0904					X	X	X			
DSC0907								X	X	X
DSC1023	2750	X	X	X						
DSC1024					X	X	X			
DSC1027								X	X	X
DSC1023	3200	X	X	X						
DSC1204					X	X	X			
DSC1207								X	X	X
DSC1503	3750	X	X	X						
DSC1504					X	X	X			
DSC1507								X	X	X

7.5 Ton Cooler • Standard Static Direct Drive • Models: DSC0903D, DSC0904D, DSC0907D

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	1927	436	0.20
	0.4	1750	518	0.24
	0.6	1579	598	0.28
	0.8	-	-	-
T2**	0.2	2170	465	0.28
	0.4	2002	541	0.33
	0.6	1841	616	0.38
	0.8	1572	706	0.43
T3	0.2	3114	580	0.71
	0.4	2981	636	0.78
	0.6	2857	693	0.85
	0.8	2705	752	0.92
T4	0.2	3244	596	0.79
	0.4	3116	650	0.86
	0.6	2995	704	0.93
	0.8	2857	760	1.00
T5	0.2	3370	612	0.87
	0.4	3246	663	0.94
	0.6	3129	715	1.01
	0.8	3002	768	1.09
T6	0.2	2842	547	0.57
	0.4	2700	608	0.63
	0.6	2566	670	0.69
	0.8	2383	737	0.76
T7	0.2	3048	572	0.59
	0.4	2913	629	0.65
	0.6	2786	687	0.71
	0.8	2627	748	0.78
T8	0.2	3180	588	0.75
	0.4	3049	643	0.82
	0.6	2927	699	0.89
	0.8	2782	756	0.96
T9	0.2	3244	596	0.79
	0.4	3116	650	0.86
	0.6	2995	704	0.93
	0.8	2857	760	1.00
T10	0.2	3370	612	0.87
	0.4	3246	663	0.94
	0.6	3129	715	1.01
	0.8	3002	768	1.09

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	1952	453	0.21
	0.4	1844	526	0.25
	0.6	1671	607	0.28
	0.8	-	-	-
T2**	0.2	2182	486	0.30
	0.4	2074	554	0.34
	0.6	1915	629	0.38
	0.8	1621	716	0.44
T3	0.2	3084	617	0.76
	0.4	2977	667	0.82
	0.6	2869	719	0.88
	0.8	2737	773	0.95
T4	0.2	3209	635	0.84
	0.4	3103	683	0.90
	0.6	3001	732	0.97
	0.8	2886	783	1.04
T5	0.2	3330	652	0.92
	0.4	3225	698	0.99
	0.6	3128	745	1.06
	0.8	3029	793	1.12
T6	0.2	2823	579	0.60
	0.4	2715	634	0.66
	0.6	2594	692	0.72
	0.8	2420	755	0.78
T7	0.2	3020	608	0.63
	0.4	2913	659	0.68
	0.6	2802	712	0.74
	0.8	2660	769	0.80
T8	0.2	3147	626	0.80
	0.4	3040	675	0.86
	0.6	2935	725	0.92
	0.8	2812	778	0.99
T9	0.2	3209	635	0.84
	0.4	3103	683	0.90
	0.6	3001	732	0.97
	0.8	2886	783	1.04
T10	0.2	3330	652	0.92
	0.4	3225	698	0.99
	0.6	3128	745	1.06
	0.8	3029	793	1.12

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

7.5 TON COOLER • MEDIUM STATIC DIRECT DRIVE • MODELS: DSC0903L, DSC0904L, DSC0907L

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2090	456	0.26
	0.4	1919	534	0.30
	0.6	1755	610	0.34
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	2700	529	0.50
	0.4	2552	594	0.56
	0.6	2413	658	0.62
	0.8	2214	730	0.69
	1	2022	792	0.75
	1.2	1865	845	0.80
	1.4	1727	880	0.83
T3	0.2	3370	612	0.87
	0.4	3246	663	0.94
	0.6	3129	715	1.01
	0.8	3002	768	1.09
	1	2864	822	1.16
	1.2	2733	872	1.24
	1.4	2612	915	1.30
T4	0.2	3552	634	0.99
	0.4	3433	683	1.06
	0.6	3321	732	1.14
	0.8	3210	781	1.22
	1	3083	832	1.30
	1.2	2959	881	1.37
	1.4	2843	926	1.44
T5	0.2	3668	649	1.07
	0.4	3552	696	1.15
	0.6	3443	743	1.23
	0.8	3340	789	1.30
	1	3221	839	1.39
	1.2	3100	888	1.47
	1.4	2987	933	1.54
T6	0.2	3212	592	0.77
	0.4	3083	647	0.84
	0.6	2961	701	0.91
	0.8	2819	758	0.98
	1	2670	814	1.06
	1.2	2533	865	1.12
	1.4	2408	906	1.18
T7	0.2	3370	612	0.87
	0.4	3246	663	0.94
	0.6	3129	715	1.01
	0.8	3002	768	1.09
	1	2864	822	1.16
	1.2	2733	872	1.24
	1.4	2612	915	1.30
T8	0.2	3492	627	0.95
	0.4	3371	676	1.02
	0.6	3258	727	1.10
	0.8	3142	776	1.17
	1	3012	829	1.25
	1.2	2885	878	1.33
	1.4	2768	922	1.39
T9	0.2	3552	634	0.99
	0.4	3433	683	1.06
	0.6	3321	732	1.14
	0.8	3210	781	1.22
	1	3083	832	1.30
	1.2	2959	881	1.37
	1.4	2843	926	1.44
T10	0.2	3668	649	1.07
	0.4	3552	696	1.15
	0.6	3443	743	1.23
	0.8	3340	789	1.30
	1	3221	839	1.39
	1.2	3100	888	1.47
	1.4	2987	933	1.54

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2106	475	0.27
	0.4	1998	545	0.31
	0.6	1835	622	0.35
	0.8	1525	712	0.40
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	2687	559	0.53
	0.4	2579	617	0.58
	0.6	2450	678	0.64
	0.8	2253	746	0.70
	1	2091	807	0.76
	1.2	1951	857	0.81
	1.4	1757	916	0.86
T3	0.2	3330	652	0.92
	0.4	3225	698	0.99
	0.6	3128	745	1.06
	0.8	3029	793	1.12
	1	2911	844	1.20
	1.2	2803	891	1.26
	1.4	2621	952	1.35
T4	0.2	3504	678	1.06
	0.4	3401	721	1.12
	0.6	3312	764	1.19
	0.8	3233	808	1.26
	1	3125	857	1.34
	1.2	3024	902	1.41
	1.4	2849	963	1.50
T5	0.2	3616	694	1.15
	0.4	3514	736	1.22
	0.6	3430	777	1.29
	0.8	3362	818	1.35
	1	3259	865	1.43
	1.2	3163	910	1.50
	1.4	2994	970	1.60
T6	0.2	3178	630	0.82
	0.4	3072	679	0.88
	0.6	2968	729	0.95
	0.8	2849	781	1.01
	1	2721	835	1.08
	1.2	2606	882	1.14
	1.4	2420	943	1.22
T7	0.2	3330	652	0.92
	0.4	3225	698	0.99
	0.6	3128	745	1.06
	0.8	3029	793	1.12
	1	2911	844	1.20
	1.2	2803	891	1.26
	1.4	2621	952	1.35
T8	0.2	3447	670	1.01
	0.4	3343	714	1.08
	0.6	3252	758	1.15
	0.8	3167	803	1.21
	1	3055	853	1.29
	1.2	2952	898	1.36
	1.4	2775	959	1.45
T9	0.2	3504	678	1.06
	0.4	3401	721	1.12
	0.6	3312	764	1.19
	0.8	3233	808	1.26
	1	3125	857	1.34
	1.2	3024	902	1.41
	1.4	2849	963	1.50
T10	0.2	3616	694	1.15
	0.4	3514	736	1.22
	0.6	3430	777	1.29
	0.8	3362	818	1.35
	1	3259	865	1.43
	1.2	3163	910	1.50
	1.4	2994	970	1.60

7.5 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC0903W, DSC0904W, DSC0907W

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1	0.2	2402.9	493.3	0.37
	0.4	2244.2	564.3	0.42
	0.6	2093.4	634.4	0.48
	0.8	1855.9	715.7	0.54
	1	1637.8	781.2	0.59
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2	0.2	2553.2	511.5	0.43
	0.4	2400.3	579.3	0.49
	0.6	2255.6	646.3	0.55
	0.8	2037.8	722.7	0.61
	1	1833.5	786.4	0.67
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T3	0.2	3551.9	634.1	0.99
	0.4	3432.6	682.8	1.06
	0.6	3320.8	732.1	1.14
	0.8	3209.7	780.5	1.22
	1	3083.3	832.2	1.30
	1.2	2958.7	881.4	1.37
	1.4	2842.8	925.7	1.44
	1.6	2620.1	989.9	1.54
T4	0.2	2488.5	1038.8	1.62
	0.2	3779.7	662.7	1.16
	0.4	3666.4	708.0	1.24
	0.6	3560.0	753.8	1.32
	0.8	3464.9	797.6	1.39
	1	3351.7	846.6	1.48
	1.2	3235.1	894.3	1.56
	1.4	3124.7	939.8	1.64
T5	1.6	2913.7	992.3	1.74
	1.8	2808.6	1041.8	1.82
	0.2	3861.0	673.0	1.22
	0.4	3749.6	717.2	1.31
	0.6	3644.7	761.8	1.39
	0.8	3554.3	804.2	1.46
	1	3445.4	852.2	1.55
	1.2	3331.5	899.3	1.64
T5	1.4	3223.0	945.1	1.72
	1.6	3017.3	994.0	1.81
	1.8	2920.1	1043.4	1.90

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1	0.2	2404.3	518.5	0.39
	0.4	2295.7	581.7	0.44
	0.6	2150.4	650.1	0.49
	0.8	1901.0	728.4	0.55
	1	1717.1	794.1	0.60
	1.2	1561.5	845.1	0.64
	1.4	-	-	-
	1.6	-	-	-
T2	1.8	-	-	-
	0.2	2547.7	539.2	0.46
	0.4	2439.1	599.5	0.51
	0.6	2302.2	664.1	0.56
	0.8	2080.1	737.0	0.62
	1	1907.1	800.5	0.68
	1.2	1759.9	851.0	0.72
	1.4	-	-	-
T3	1.6	-	-	-
	1.8	-	-	-
	0.2	3504.1	677.8	1.06
	0.4	3400.9	721.1	1.12
	0.6	3312.2	764.4	1.19
	0.8	3233.1	807.6	1.26
	1	3124.7	856.7	1.34
	1.2	3023.9	901.9	1.41
T4	1.4	2849.3	962.7	1.50
	1.6	2727.6	1009.2	1.57
	1.8	2574.8	1058.8	1.65
	0.2	3723.7	709.9	1.24
	0.4	3623.4	750.1	1.31
	0.6	3543.2	789.8	1.38
	0.8	3484.0	828.2	1.45
	1	3387.6	873.9	1.53
T5	1.2	3294.3	917.4	1.60
	1.4	3131.8	976.5	1.71
	1.6	3015.0	1022.5	1.79
	1.8	2893.4	1063.4	1.86
	0.2	3802.1	721.3	1.31
	0.4	3703.2	760.6	1.38
	0.6	3625.6	799.2	1.45
	0.8	3571.9	836.0	1.52
T5	1	3479.4	880.6	1.60
	1.2	3388.4	923.5	1.68
	1.4	3231.2	981.6	1.79
	1.6	3116.5	1027.3	1.87
T5	1.8	3004.5	1065.6	1.94

7.5 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC0903W, DSC0904W, DSC0907W

Down Flow					Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP	Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	3431.9	619.2	0.91	T6	0.2	3388.8	661.0	0.97
	0.4	3309.1	669.9	0.98		0.4	3284.3	706.1	1.03
	0.6	3194.2	721.0	1.06		0.6	3190.6	751.5	1.10
	0.8	3073.0	772.2	1.13		0.8	3098.7	797.6	1.17
	1	2938.8	825.4	1.21		1	2983.6	848.4	1.24
	1.2	2809.9	875.3	1.28		1.2	2878.2	894.4	1.31
	1.4	2691.0	918.6	1.35		1.4	2698.6	955.7	1.40
	1.6	2463.8	989.6	1.45		1.6	2574.7	1002.2	1.47
	1.8	2316.0	1038.1	1.52		1.8	2403.4	1057.1	1.55
T7	0.2	3581.3	637.8	1.01	T7	0.2	3532.4	682.0	1.08
	0.4	3462.7	686.0	1.09		0.4	3429.5	724.8	1.15
	0.6	3351.8	734.8	1.16		0.6	3341.9	767.6	1.22
	0.8	3242.9	782.6	1.24		0.8	3265.7	810.1	1.28
	1	3118.3	833.9	1.32		1	3159.0	858.8	1.36
	1.2	2994.8	883.0	1.40		1.2	3059.2	903.8	1.43
	1.4	2879.6	927.5	1.47		1.4	2886.0	964.5	1.53
	1.6	2658.1	990.0	1.57		1.6	2764.9	1010.9	1.60
	1.8	2530.3	1039.1	1.64		1.8	2616.4	1059.3	1.68
T8	0.2	3724.3	655.7	1.12	T8	0.2	3670.2	702.1	1.19
	0.4	3609.6	701.8	1.19		0.4	3569.2	743.0	1.26
	0.6	3501.9	748.4	1.27		0.6	3486.9	783.5	1.33
	0.8	3403.3	793.3	1.35		0.8	3423.5	823.0	1.40
	1	3287.2	842.9	1.43		1	3324.3	869.5	1.48
	1.2	3168.7	891.0	1.52		1.2	3229.3	913.5	1.55
	1.4	3056.9	936.3	1.59		1.4	3063.6	973.1	1.66
	1.6	2842.7	991.5	1.69		1.6	2945.5	1019.3	1.73
	1.8	2731.7	1040.9	1.77		1.8	2816.7	1062.1	1.81
T9	0.2	3779.7	662.7	1.16	T9	0.2	3723.7	709.9	1.24
	0.4	3666.4	708.0	1.24		0.4	3623.4	750.1	1.31
	0.6	3560.0	753.8	1.32		0.6	3543.2	789.8	1.38
	0.8	3464.9	797.6	1.39		0.8	3484.0	828.2	1.45
	1	3351.7	846.6	1.48		1	3387.6	873.9	1.53
	1.2	3235.1	894.3	1.56		1.2	3294.3	917.4	1.60
	1.4	3124.7	939.8	1.64		1.4	3131.8	976.5	1.71
	1.6	2913.7	992.3	1.74		1.6	3015.0	1022.5	1.79
	1.8	2808.6	1041.8	1.82		1.8	2893.4	1063.4	1.86
T10	0.2	3861.0	673.0	1.22	T10	0.2	3802.1	721.3	1.31
	0.4	3749.6	717.2	1.31		0.4	3703.2	760.6	1.38
	0.6	3644.7	761.8	1.39		0.6	3625.6	799.2	1.45
	0.8	3554.3	804.2	1.46		0.8	3571.9	836.0	1.52
	1	3445.4	852.2	1.55		1	3479.4	880.6	1.60
	1.2	3331.5	899.3	1.64		1.2	3388.4	923.5	1.68
	1.4	3223.0	945.1	1.72		1.4	3231.2	981.6	1.79
	1.6	3017.3	994.0	1.81		1.6	3116.5	1027.3	1.87
	1.8	2920.1	1043.4	1.90		1.8	3004.5	1065.6	1.94

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

8.5 Ton Cooler • Standard Static Direct Drive • Models: DSC1023D, DSC1024D, DSC1027D

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2090	456	0.26
	0.4	1919	534	0.30
	0.6	1755	610	0.34
	0.8	-	-	-
T2**	0.2	2248	475	0.31
	0.4	2084	549	0.36
	0.6	1927	622	0.41
	0.8	-	-	-
T3	0.2	3295	602	0.82
	0.4	3168	655	0.89
	0.6	3049	709	0.96
	0.8	2916	763	1.04
T4	0.2	3628	644	1.04
	0.4	3510	691	1.12
	0.6	3401	739	1.20
	0.8	3295	786	1.27
T5	0.2	3724	656	1.12
	0.4	3610	702	1.19
	0.6	3502	748	1.27
	0.8	3403	793	1.35
T6	0.2	3114	580	0.71
	0.4	2981	636	0.78
	0.6	2857	693	0.85
	0.8	2705	752	0.92
T7	0.2	3320	605	0.74
	0.4	3194	658	0.81
	0.6	3076	711	0.87
	0.8	2945	765	0.94
T8	0.2	3462	623	0.93
	0.4	3340	673	1.00
	0.6	3226	724	1.08
	0.8	3108	774	1.15
T9	0.2	3628	644	1.04
	0.4	3510	691	1.12
	0.6	3401	739	1.20
	0.8	3295	786	1.27
T10	0.2	3724	656	1.12
	0.4	3610	702	1.19
	0.6	3502	748	1.27
	0.8	3403	793	1.35

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2106	475	0.27
	0.4	1998	545	0.31
	0.6	1835	622	0.35
	0.8	-	-	-
T2**	0.2	2257	497	0.33
	0.4	2149	564	0.37
	0.6	1995	636	0.42
	0.8	1716	720	0.47
T3	0.2	3258	642	0.87
	0.4	3152	689	0.94
	0.6	3052	737	1.00
	0.8	2944	787	1.07
T4	0.2	3577	688	1.12
	0.4	3475	731	1.18
	0.6	3389	773	1.25
	0.8	3317	814	1.32
T5	0.2	3670	702	1.19
	0.4	3569	743	1.26
	0.6	3487	784	1.33
	0.8	3423	823	1.40
T6	0.2	3084	617	0.76
	0.4	2977	667	0.82
	0.6	2869	719	0.88
	0.8	2737	773	0.95
T7	0.2	3282	645	0.79
	0.4	3176	692	0.85
	0.6	3078	740	0.91
	0.8	2973	789	0.97
T8	0.2	3418	665	0.99
	0.4	3314	710	1.06
	0.6	3221	755	1.12
	0.8	3133	800	1.19
T9	0.2	3577	688	1.12
	0.4	3475	731	1.18
	0.6	3389	773	1.25
	0.8	3317	814	1.32
T10	0.2	3670	702	1.19
	0.4	3569	743	1.26
	0.6	3487	784	1.33
	0.8	3423	823	1.40

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

8.5 TON COOLER • MEDIUM STATIC DIRECT DRIVE • MODELS: DSC1023L, DSC1024L, DSC1027L

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2209	470	0.30
	0.4	2043	545	0.35
	0.6	1884	619	0.39
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	2418	495	0.38
	0.4	2260	566	0.43
	0.6	2110	636	0.48
	0.8	1874	716	0.55
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T3	0.2	3552	634	0.99
	0.4	3433	683	1.06
	0.6	3321	732	1.14
	0.8	3210	781	1.22
	1	3083	832	1.30
	1.2	2959	881	1.37
	1.4	2843	926	1.44
T4	0.2	3914	680	1.27
	0.4	3804	723	1.35
	0.6	3700	767	1.43
	0.8	3612	809	1.51
	1	3506	856	1.60
	1.2	3393	903	1.69
	1.4	3286	949	1.77
T5	0.2	4002	691	1.35
	0.4	3893	733	1.43
	0.6	3791	776	1.51
	0.8	3707	816	1.59
	1	3604	863	1.68
	1.2	3495	909	1.77
	1.4	3390	955	1.86
T6	0.2	3450	621	0.92
	0.4	3328	672	0.99
	0.6	3213	723	1.07
	0.8	3094	773	1.14
	1	2961	826	1.22
	1.2	2833	876	1.30
	1.4	2714	920	1.36
T7	0.2	3651	647	1.06
	0.4	3534	694	1.14
	0.6	3425	741	1.22
	0.8	3321	788	1.29
	1	3201	838	1.37
	1.2	3080	887	1.45
	1.4	2966	932	1.53
T8	0.2	3791	664	1.17
	0.4	3678	709	1.25
	0.6	3571	755	1.33
	0.8	3477	798	1.40
	1	3364	847	1.49
	1.2	3248	895	1.57
	1.4	3138	940	1.65
T9	0.2	3914	680	1.27
	0.4	3804	723	1.35
	0.6	3700	767	1.43
	0.8	3612	809	1.51
	1	3506	856	1.60
	1.2	3393	903	1.69
	1.4	3286	949	1.77
T10	0.2	4002	691	1.35
	0.4	3893	733	1.43
	0.6	3791	776	1.51
	0.8	3707	816	1.59
	1	3604	863	1.68
	1.2	3495	909	1.77
	1.4	3390	955	1.86

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2220	492	0.31
	0.4	2111	559	0.35
	0.6	1955	632	0.40
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	2419	521	0.40
	0.4	2310	584	0.44
	0.6	2166	651	0.50
	0.8	1919	729	0.56
	1	1736	795	0.61
	1.2	-	-	-
	1.4	-	-	-
T3	0.2	3504	678	1.06
	0.4	3401	721	1.12
	0.6	3312	764	1.19
	0.8	3233	808	1.26
	1	3125	857	1.34
	1.2	3024	902	1.41
	1.4	2849	963	1.50
T4	0.2	3853	729	1.36
	0.4	3755	767	1.43
	0.6	3679	805	1.50
	0.8	3629	841	1.57
	1	3539	885	1.65
	1.2	3449	928	1.73
	1.4	3296	985	1.84
T5	0.2	3938	741	1.44
	0.4	3842	779	1.52
	0.6	3768	816	1.59
	0.8	3722	850	1.66
	1	3635	893	1.74
	1.2	3548	935	1.82
	1.4	3401	991	1.93
T6	0.2	3406	664	0.98
	0.4	3302	708	1.05
	0.6	3209	753	1.11
	0.8	3119	799	1.18
	1	3005	850	1.26
	1.2	2900	896	1.32
	1.4	2722	957	1.41
T7	0.2	3599	692	1.13
	0.4	3497	734	1.20
	0.6	3412	775	1.27
	0.8	3343	816	1.34
	1	3240	864	1.42
	1.2	3142	908	1.49
	1.4	2972	969	1.59
T8	0.2	3734	711	1.25
	0.4	3634	751	1.32
	0.6	3554	791	1.39
	0.8	3496	829	1.46
	1	3400	875	1.54
	1.2	3307	918	1.61
	1.4	3145	977	1.72
T9	0.2	3853	729	1.36
	0.4	3755	767	1.43
	0.6	3679	805	1.50
	0.8	3629	841	1.57
	1	3539	885	1.65
	1.2	3449	928	1.73
	1.4	3296	985	1.84
T10	0.2	3938	741	1.44
	0.4	3842	779	1.52
	0.6	3768	816	1.59
	0.8	3722	850	1.66
	1	3635	893	1.74
	1.2	3548	935	1.82
	1.4	3401	991	1.93

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

8.5 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC1023W, DSC1024W, DSC1027W

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2349	487	0.35
	0.4	2188	559	0.40
	0.6	2036	630	0.45
	0.8	1791	713	0.51
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2**	0.2	2553	512	0.43
	0.4	2400	579	0.49
	0.6	2256	646	0.55
	0.8	2038	723	0.61
	1	1833	786	0.67
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T3	0.2	3724	656	1.12
	0.4	3610	702	1.19
	0.6	3502	748	1.27
	0.8	3403	793	1.35
	1	3287	843	1.43
	1.2	3169	891	1.52
	1.4	3057	936	1.59
	1.6	2843	991	1.69
T4	0.2	2732	1041	1.77
	0.2	4163	712	1.50
	0.4	4058	752	1.58
	0.6	3957	793	1.67
	0.8	3878	832	1.75
	1	3781	876	1.84
	1.2	3677	921	1.94
	1.4	3576	966	2.03
T5	1.6	3396	1004	2.11
	1.8	3320	1053	2.22
	0.2	4233	721	1.57
	0.4	4129	761	1.66
	0.6	4029	801	1.74
	0.8	3951	839	1.82
	1	3856	882	1.92
	1.2	3754	926	2.02
T5	1.4	3654	971	2.11
	1.6	3482	1008	2.19
	1.8	3408	1055	2.30

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2353	511	0.37
	0.4	2245	575	0.41
	0.6	2096	645	0.46
	0.8	1837	725	0.52
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2**	1.8	-	-	-
	0.2	2548	539	0.46
	0.4	2439	599	0.51
	0.6	2302	664	0.56
	0.8	2080	737	0.62
	1	1907	801	0.68
	1.2	1760	851	0.72
	1.4	-	-	-
T3	1.6	-	-	-
	1.8	-	-	-
	0.2	3670	702	1.19
	0.4	3569	743	1.26
	0.6	3487	784	1.33
	0.8	3423	823	1.40
	1	3324	869	1.48
	1.2	3229	913	1.55
T4	1.4	3064	973	1.66
	1.6	2945	1019	1.73
	1.8	2817	1062	1.81
	0.2	4095	764	1.61
	0.4	4002	800	1.68
	0.6	3933	836	1.76
	0.8	3890	869	1.83
	1	3810	909	1.91
T5	1.2	3726	949	2.00
	1.4	3593	1002	2.11
	1.6	3488	1045	2.20
	1.8	3404	1077	2.27
	0.2	4163	774	1.68
	0.4	4072	810	1.76
	0.6	4004	845	1.84
	0.8	3961	877	1.91
T5	1	3884	916	1.99
	1.2	3800	956	2.08
	1.4	3675	1007	2.19
	1.6	3572	1049	2.28
	1.8	3492	1080	2.35

8.5 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC1023W, DSC1024W, DSC1027W

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	3656	647	1.06
	0.4	3540	694	1.14
	0.6	3431	742	1.22
	0.8	3327	788	1.30
	1	3207	839	1.38
	1.2	3087	887	1.46
	1.4	2973	932	1.53
	1.6	2755	991	1.63
	1.8	2637	1040	1.71
T7	0.2	3840	670	1.21
	0.4	3728	715	1.29
	0.6	3622	760	1.37
	0.8	3531	802	1.45
	1	3421	851	1.53
	1.2	3306	898	1.62
	1.4	3197	944	1.70
	1.6	2990	993	1.79
	1.8	2891	1043	1.88
T8	0.2	3966	686	1.31
	0.4	3857	729	1.40
	0.6	3754	772	1.48
	0.8	3668	813	1.56
	1	3564	860	1.65
	1.2	3454	906	1.74
	1.4	3348	952	1.82
	1.6	3150	997	1.91
	1.8	3062	1046	2.00
T9	0.2	4163	712	1.50
	0.4	4058	752	1.58
	0.6	3957	793	1.67
	0.8	3878	832	1.75
	1	3781	876	1.84
	1.2	3677	921	1.94
	1.4	3576	966	2.03
	1.6	3396	1004	2.11
	1.8	3320	1053	2.22
T10	0.2	4233	721	1.57
	0.4	4129	761	1.66
	0.6	4029	801	1.74
	0.8	3951	839	1.82
	1	3856	882	1.92
	1.2	3754	926	2.02
	1.4	3654	971	2.11
	1.6	3482	1008	2.19
	1.8	3408	1055	2.30

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	3605	693	1.14
	0.4	3503	734	1.21
	0.6	3418	776	1.28
	0.8	3349	817	1.34
	1	3246	864	1.42
	1.2	3149	909	1.49
	1.4	2980	969	1.59
	1.6	2860	1015	1.67
	1.8	2722	1061	1.74
T7	0.2	3781	718	1.29
	0.4	3682	758	1.36
	0.6	3604	797	1.43
	0.8	3549	834	1.50
	1	3455	879	1.58
	1.2	3364	922	1.66
	1.4	3205	980	1.77
	1.6	3090	1026	1.85
	1.8	2975	1065	1.92
T8	0.2	3903	736	1.41
	0.4	3806	774	1.48
	0.6	3732	812	1.55
	0.8	3684	847	1.62
	1	3596	890	1.70
	1.2	3508	932	1.78
	1.4	3358	988	1.89
	1.6	3246	1034	1.98
	1.8	3146	1069	2.05
T9	0.2	4095	764	1.61
	0.4	4002	800	1.68
	0.6	3933	836	1.76
	0.8	3890	869	1.83
	1	3810	909	1.91
	1.2	3726	949	2.00
	1.4	3593	1002	2.11
	1.6	3488	1045	2.20
	1.8	3404	1077	2.27
T10	0.2	4163	774	1.68
	0.4	4072	810	1.76
	0.6	4004	845	1.84
	0.8	3961	877	1.91
	1	3884	916	1.99
	1.2	3800	956	2.08
	1.4	3675	1007	2.19
	1.6	3572	1049	2.28
	1.8	3492	1080	2.35

10 Ton Cooler • Standard Static Direct Drive • Models: DSC1203D, DSC1204D, DSC1207D

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2154	434	0.24
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2**	0.2	2471	467	0.34
	0.4	2293	546	0.40
	0.6	-	-	-
	0.8	-	-	-
T3	0.2	3558	579	0.85
	0.4	3437	642	0.94
	0.6	3284	702	1.03
	0.8	3163	755	1.11
T4	0.2	4203	647	1.29
	0.4	4100	701	1.39
	0.6	4010	746	1.48
	0.8	3903	796	1.58
T5	0.2	4308	659	1.37
	0.4	4207	711	1.48
	0.6	4122	755	1.57
	0.8	4015	804	1.67
T6	0.2	3720	596	0.95
	0.4	3606	656	1.04
	0.6	3473	712	1.13
	0.8	3357	764	1.21
T7	0.2	3992	625	0.99
	0.4	3886	681	1.08
	0.6	3781	730	1.16
	0.8	3671	782	1.24
T8	0.2	4192	646	1.28
	0.4	4090	700	1.38
	0.6	3999	745	1.47
	0.8	3891	795	1.57
T9	0.2	4203	647	1.29
	0.4	4100	701	1.39
	0.6	4010	746	1.48
	0.8	3903	796	1.58
T10	0.2	4308	659	1.37
	0.4	4207	711	1.48
	0.6	4122	755	1.57
	0.8	4015	804	1.67

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2099	440	0.24
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
T2**	0.2	2397	475	0.35
	0.4	2148	578	0.42
	0.6	-	-	-
	0.8	-	-	-
T3	0.2	3419	596	0.87
	0.4	3306	652	0.95
	0.6	3143	717	1.05
	0.8	3020	766	1.12
T4	0.2	4026	671	1.33
	0.4	3950	710	1.41
	0.6	3823	764	1.52
	0.8	3713	809	1.61
T5	0.2	4125	683	1.42
	0.4	4051	721	1.50
	0.6	3927	773	1.61
	0.8	3818	817	1.70
T6	0.2	3572	615	0.98
	0.4	3472	665	1.06
	0.6	3319	728	1.15
	0.8	3201	776	1.23
T7	0.2	3828	646	1.03
	0.4	3745	690	1.09
	0.6	3607	747	1.19
	0.8	3495	794	1.26
T8	0.2	4016	669	1.32
	0.4	3940	709	1.40
	0.6	3812	763	1.51
	0.8	3702	808	1.60
T9	0.2	4026	671	1.33
	0.4	3950	710	1.41
	0.6	3823	764	1.52
	0.8	3713	809	1.61
T10	0.2	4125	683	1.42
	0.4	4051	721	1.50
	0.6	3927	773	1.61
	0.8	3818	817	1.70

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

10 TON COOLER • MEDIUM STATIC DIRECT DRIVE • MODELS: DSC1203L, DSC1204L, DSC1207L

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2471	467	0.34
	0.4	2293	546	0.40
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	2789	499	0.46
	0.4	2630	574	0.53
	0.6	2351	663	0.61
	0.8	2195	717	0.66
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T3	0.2	3865	611	1.02
	0.4	3755	669	1.12
	0.6	3637	721	1.20
	0.8	3525	773	1.29
	1	3322	842	1.41
	1.2	3193	893	1.49
	1.4	2945	965	1.61
T4	0.2	4556	686	1.56
	0.4	4456	734	1.67
	0.6	4374	777	1.77
	0.8	4265	824	1.87
	1	4121	879	2.00
	1.2	4013	926	2.10
	1.4	3807	987	2.24
T5	0.2	4738	706	1.74
	0.4	4636	752	1.85
	0.6	4547	796	1.96
	0.8	4434	841	2.07
	1	4311	889	2.19
	1.2	4201	934	2.30
	1.4	4020	987	2.43
T6	0.2	4203	647	1.26
	0.4	4100	701	1.37
	0.6	4010	746	1.45
	0.8	3903	796	1.55
	1	3725	860	1.68
	1.2	3611	909	1.77
	1.4	3375	979	1.91
T7	0.2	4360	664	1.39
	0.4	4259	715	1.49
	0.6	4175	759	1.59
	0.8	4068	808	1.69
	1	3905	869	1.81
	1.2	3795	916	1.91
	1.4	3569	984	2.05
T8	0.2	4460	675	1.47
	0.4	4360	725	1.58
	0.6	4278	768	1.68
	0.8	4170	816	1.78
	1	4016	874	1.91
	1.2	3908	921	2.01
	1.4	3691	986	2.15
T9	0.2	4556	686	1.56
	0.4	4456	734	1.67
	0.6	4374	777	1.77
	0.8	4265	824	1.87
	1	4121	879	2.00
	1.2	4013	926	2.10
	1.4	3807	987	2.24
T10	0.2	4738	706	1.74
	0.4	4636	752	1.85
	0.6	4547	796	1.96
	0.8	4434	841	2.07
	1	4311	889	2.19
	1.2	4201	934	2.30
	1.4	4020	987	2.43

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2397	475	0.34
	0.4	2148	578	0.42
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T2**	0.2	2696	510	0.47
	0.4	2493	597	0.55
	0.6	2272	674	0.62
	0.8	2116	726	0.67
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T3	0.2	3707	631	1.05
	0.4	3617	678	1.13
	0.6	3473	738	1.23
	0.8	3359	785	1.31
	1	3125	864	1.44
	1.2	2912	925	1.55
	1.4	2750	974	1.63
T4	0.2	4359	712	1.62
	0.4	4281	749	1.70
	0.6	4164	796	1.81
	0.8	4053	838	1.91
	1	3889	900	2.05
	1.2	3711	955	2.17
	1.4	3593	1003	2.28
T5	0.2	4530	734	1.81
	0.4	4442	772	1.90
	0.6	4328	815	2.01
	0.8	4213	855	2.10
	1	4078	908	2.23
	1.2	3914	961	2.36
	1.4	3807	1007	2.48
T6	0.2	4026	671	1.31
	0.4	3950	710	1.38
	0.6	3823	764	1.49
	0.8	3713	809	1.58
	1	3507	882	1.72
	1.2	3308	941	1.83
	1.4	3167	990	1.93
T7	0.2	4173	689	1.44
	0.4	4099	727	1.52
	0.6	3978	777	1.62
	0.8	3868	821	1.72
	1	3679	890	1.86
	1.2	3489	947	1.98
	1.4	3357	997	2.08
T8	0.2	4268	701	1.53
	0.4	4192	738	1.61
	0.6	4074	787	1.72
	0.8	3964	829	1.81
	1	3787	895	1.95
	1.2	3603	951	2.08
	1.4	3478	1000	2.18
T9	0.2	4359	712	1.62
	0.4	4281	749	1.70
	0.6	4164	796	1.81
	0.8	4053	838	1.91
	1	3889	900	2.05
	1.2	3711	955	2.17
	1.4	3593	1003	2.28
T10	0.2	4530	734	1.81
	0.4	4442	772	1.90
	0.6	4328	815	2.01
	0.8	4213	855	2.10
	1	4078	908	2.23
	1.2	3914	961	2.36
	1.4	3807	1007	2.48

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

10 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC1203W, DSC1204W, DSC1207W

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2587	478	0.38
	0.4	2415	556	0.44
	0.6	2097	654	0.52
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2**	0.2	2877	508	0.50
	0.4	2723	581	0.57
	0.6	2460	667	0.65
	0.8	2309	721	0.70
	1	2054	793	0.77
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T3	0.2	3998	625	1.11
	0.4	3892	682	1.21
	0.6	3787	730	1.30
	0.8	3677	782	1.39
	1	3483	849	1.51
	1.2	3361	899	1.60
	1.4	3117	972	1.73
	1.6	2989	1014	1.80
T4	0.2	2684	1082	1.92
	0.4	4824	715	1.83
	0.6	4719	761	1.94
	0.8	4625	806	2.06
	1	4508	849	2.17
	1.2	4396	894	2.28
	1.4	4284	937	2.39
	1.6	4117	985	2.52
T5	1.8	4008	1028	2.62
	1.8	3799	1085	2.77
	0.2	4950	730	1.97
	0.4	4840	774	2.09
	0.6	4732	821	2.21
	0.8	4609	863	2.33
	1	4515	901	2.43
	1.2	4398	943	2.54
T5	1.4	4256	982	2.65
	1.6	4147	1025	2.76
	1.8	4001	1075	2.90

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2506	488	0.39
	0.4	2274	585	0.46
	0.6	2035	664	0.53
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2**	1.8	-	-	-
	0.2	2778	520	0.51
	0.4	2588	603	0.59
	0.6	2374	678	0.66
	0.8	2222	731	0.71
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
T3	1.6	-	-	-
	1.8	-	-	-
	0.2	3833	647	1.15
	0.4	3750	690	1.23
	0.6	3613	747	1.33
	0.8	3501	794	1.41
	1	3277	871	1.55
	1.2	3070	932	1.66
T4	1.4	2915	981	1.74
	1.6	2633	1046	1.86
	1.8	2422	1092	1.94
	0.2	4611	744	1.90
	0.4	4515	784	2.00
	0.6	4401	825	2.11
	0.8	4283	864	2.20
	1	4163	912	2.33
T5	1.2	4007	963	2.46
	1.4	3907	1009	2.57
	1.6	3680	1059	2.70
	1.8	3495	1113	2.84
	0.2	4729	760	2.05
	0.4	4618	803	2.16
	0.6	4503	841	2.27
	0.8	4379	878	2.37
T5	1	4285	917	2.47
	1.2	4142	967	2.61
	1.4	4050	1010	2.72
	1.6	3854	1053	2.84
T5	1.8	3679	1109	2.99

10 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC1203W, DSC1204W, DSC1207W

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	3876	612	1.03
	0.4	3767	670	1.13
	0.6	3651	722	1.21
	0.8	3539	774	1.30
	1	3336	843	1.42
	1.2	3208	893	1.50
	1.4	2960	966	1.62
	1.6	2828	1008	1.69
	1.8	2541	1075	1.81
T7	0.2	4094	636	1.18
	0.4	3989	690	1.28
	0.6	3892	738	1.37
	0.8	3784	788	1.46
	1	3597	854	1.59
	1.2	3479	904	1.68
	1.4	3238	976	1.81
	1.6	3113	1018	1.89
	1.8	2800	1087	2.02
T8	0.2	4277	655	1.32
	0.4	4176	708	1.43
	0.6	4089	752	1.51
	0.8	3982	802	1.61
	1	3811	864	1.74
	1.2	3699	913	1.84
	1.4	3468	982	1.98
	1.6	3348	1024	2.06
	1.8	3029	1094	2.20
T9	0.2	4824	715	1.83
	0.4	4719	761	1.94
	0.6	4625	806	2.06
	0.8	4508	849	2.17
	1	4396	894	2.28
	1.2	4284	937	2.39
	1.4	4117	985	2.52
	1.6	4008	1028	2.62
	1.8	3799	1085	2.77
T10	0.2	4950	730	1.97
	0.4	4840	774	2.09
	0.6	4732	821	2.21
	0.8	4609	863	2.33
	1	4515	901	2.43
	1.2	4398	943	2.54
	1.4	4256	982	2.65
	1.6	4147	1025	2.76
	1.8	4001	1075	2.90

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	3719	633	1.06
	0.4	3629	679	1.14
	0.6	3486	738	1.24
	0.8	3371	786	1.32
	1	3138	864	1.45
	1.2	2926	926	1.56
	1.4	2764	975	1.64
	1.6	2489	1039	1.75
	1.8	2277	1083	1.82
T7	0.2	3923	658	1.22
	0.4	3844	699	1.30
	0.6	3712	755	1.40
	0.8	3601	801	1.49
	1	3385	876	1.63
	1.2	3181	936	1.74
	1.4	3033	986	1.83
	1.6	2749	1051	1.95
	1.8	2538	1097	2.04
T8	0.2	4096	679	1.37
	0.4	4021	718	1.45
	0.6	3897	770	1.55
	0.8	3787	815	1.64
	1	3589	886	1.78
	1.2	3394	944	1.90
	1.4	3257	994	2.00
	1.6	2973	1058	2.13
	1.8	2765	1106	2.23
T9	0.2	4611	744	1.90
	0.4	4515	784	2.00
	0.6	4401	825	2.11
	0.8	4283	864	2.20
	1	4163	912	2.33
	1.2	4007	963	2.46
	1.4	3907	1009	2.57
	1.6	3680	1059	2.70
	1.8	3495	1113	2.84
T10	0.2	4729	760	2.05
	0.4	4618	803	2.16
	0.6	4503	841	2.27
	0.8	4379	878	2.37
	1	4285	917	2.47
	1.2	4142	967	2.61
	1.4	4050	1010	2.72
	1.6	3854	1053	2.84
	1.8	3679	1109	2.99

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

12.5 Ton Cooler • Standard Static Direct Drive • Models: DSC1503D, DSC1504D, DSC1507D

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2158	454	0.25
	0.4	1860	565	0.31
	0.6	1532	657	0.37
	0.8	1323	710	0.40
T2**	0.2	2501	491	0.37
	0.4	2253	586	0.44
	0.6	1977	669	0.51
	0.8	1761	729	0.55
T3	0.2	4373	700	1.49
	0.4	4292	740	1.58
	0.6	4200	787	1.68
	0.8	4047	845	1.80
T4	0.2	4883	761	2.05
	0.4	4781	809	2.18
	0.6	4676	849	2.29
	0.8	4601	886	2.39
T5	0.2	4954	770	2.14
	0.4	4843	821	2.29
	0.6	4732	861	2.40
	0.8	4673	893	2.49
T6	0.2	4373	700	1.49
	0.4	4292	740	1.58
	0.6	4200	787	1.68
	0.8	4047	845	1.80
T7	0.2	4603	727	1.55
	0.4	4519	768	1.64
	0.6	4428	812	1.73
	0.8	4304	863	1.84
T8	0.2	4729	742	1.86
	0.4	4639	785	1.97
	0.6	4544	827	2.07
	0.8	4440	873	2.19
T9	0.2	4883	761	2.05
	0.4	4781	809	2.18
	0.6	4676	849	2.29
	0.8	4601	886	2.39
T10	0.2	4954	770	2.14
	0.4	4843	821	2.29
	0.6	4732	861	2.40
	0.8	4673	893	2.49

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2124	462	0.26
	0.4	1926	534	0.30
	0.6	1609	625	0.35
	0.8	1383	692	0.39
T2**	0.2	2447	503	0.38
	0.4	2275	570	0.43
	0.6	2010	650	0.49
	0.8	1810	713	0.54
T3	0.2	4258	736	1.57
	0.4	4177	777	1.66
	0.6	4103	816	1.74
	0.8	4012	858	1.83
T4	0.2	4784	805	2.17
	0.4	4697	842	2.27
	0.6	4614	881	2.37
	0.8	4532	920	2.48
T5	0.2	4860	815	2.27
	0.4	4769	851	2.37
	0.6	4681	892	2.48
	0.8	4598	930	2.59
T6	0.2	4258	736	1.57
	0.4	4177	777	1.66
	0.6	4103	816	1.74
	0.8	4012	858	1.83
T7	0.2	4492	766	1.64
	0.4	4411	805	1.72
	0.6	4339	843	1.80
	0.8	4255	884	1.89
T8	0.2	4622	783	1.96
	0.4	4540	821	2.06
	0.6	4465	860	2.15
	0.8	4383	899	2.25
T9	0.2	4784	805	2.17
	0.4	4697	842	2.27
	0.6	4614	881	2.37
	0.8	4532	920	2.48
T10	0.2	4860	815	2.27
	0.4	4769	851	2.37
	0.6	4681	892	2.48
	0.8	4598	930	2.59

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

12.5 TON COOLER • MEDIUM STATIC DIRECT DRIVE • MODELS: DSC1503L, DSC1504L, DSC1507L

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2543	483	0.39
	0.4	2344	561	0.45
	0.6	2082	653	0.53
	0.8	1822	727	0.59
	1	1632	773	0.63
	1.2	1380	832	0.67
T2**	1.4	-	-	-
	0.2	2845	517	0.50
	0.4	2659	589	0.57
	0.6	2425	673	0.65
	0.8	2185	743	0.72
	1	2004	790	0.77
T3	1.2	1758	849	0.83
	1.4	1539	892	0.87
	0.2	4522	709	1.46
	0.4	4400	754	1.55
	0.6	4295	799	1.64
	0.8	4158	848	1.74
T4	1	4026	895	1.84
	1.2	3826	952	1.96
	1.4	3671	996	2.05
	0.2	5513	828	2.46
	0.4	5418	863	2.57
	0.6	5346	896	2.66
T5	0.8	5253	935	2.78
	1	5153	978	2.90
	1.2	5005	1025	3.04
	1.4	4883	1066	3.17
	0.2	5616	841	2.60
	0.4	5522	876	2.71
T6	0.6	5450	909	2.81
	0.8	5359	947	2.93
	1	5263	988	3.06
	1.2	5122	1033	3.20
	1.4	5004	1074	3.32
	0.2	4881	751	1.76
T7	0.4	4769	792	1.86
	0.6	4683	831	1.95
	0.8	4564	876	2.06
	1	4444	922	2.16
	1.2	4258	976	2.29
	1.4	4116	1020	2.39
T8	0.2	5215	791	2.10
	0.4	5113	828	2.20
	0.6	5038	864	2.29
	0.8	4934	905	2.40
	1	4824	950	2.52
	1.2	4656	1001	2.66
T9	1.4	4525	1044	2.77
	0.2	5413	816	2.33
	0.4	5315	851	2.43
	0.6	5244	885	2.53
	0.8	5147	925	2.64
	1	5044	968	2.77
T10	1.2	4888	1016	2.91
	1.4	4763	1058	3.03
	0.2	5513	828	2.46
	0.4	5418	863	2.57
	0.6	5346	896	2.66
	0.8	5253	935	2.78

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2460	510	0.41
	0.4	2228	602	0.49
	0.6	1972	687	0.56
	0.8	1804	742	0.60
	1	1610	797	0.64
	1.2	1395	852	0.69
T2**	1.4	1313	904	0.73
	0.2	2748	548	0.53
	0.4	2543	631	0.61
	0.6	2311	709	0.69
	0.8	2155	762	0.74
	1	1963	817	0.79
T3	1.2	1763	871	0.85
	1.4	1659	924	0.90
	0.2	4351	764	1.57
	0.4	4266	804	1.65
	0.6	4152	847	1.74
	0.8	4053	889	1.83
T4	1	3893	942	1.93
	1.2	3772	986	2.03
	1.4	3591	1039	2.13
	0.2	5302	897	2.67
	0.4	5246	924	2.75
	0.6	5177	956	2.84
T5	0.8	5099	991	2.94
	1	4987	1033	3.07
	1.2	4904	1069	3.18
	1.4	4750	1113	3.31
	0.2	5401	912	2.82
	0.4	5343	939	2.90
T6	0.6	5277	970	3.00
	0.8	5200	1004	3.11
	1	5096	1044	3.23
	1.2	5016	1079	3.34
	1.4	4872	1121	3.47
	0.2	4695	811	1.90
T7	0.4	4626	845	1.98
	0.6	4532	883	2.07
	0.8	4442	922	2.16
	1	4296	972	2.28
	1.2	4189	1014	2.38
	1.4	4008	1065	2.50
T8	0.2	5015	856	2.27
	0.4	4956	885	2.35
	0.6	4878	919	2.44
	0.8	4795	956	2.54
	1	4665	1003	2.66
	1.2	4571	1042	2.76
T9	1.4	4398	1090	2.89
	0.2	5205	883	2.53
	0.4	5149	911	2.60
	0.6	5078	943	2.70
	0.8	4998	978	2.80
	1	4879	1022	2.92
T10	1.2	4793	1059	3.03
	1.4	4631	1105	3.16
	0.2	5302	897	2.67
	0.4	5246	924	2.75
	0.6	5177	956	2.84
	0.8	5099	991	2.94

Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

12.5 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC1503W, DSC1504W, DSC1507W

Down Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2752	506	0.47
	0.4	2562	580	0.53
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
	1.8	-	-	-
T2**	0.2	2983	532	0.56
	0.4	2802	602	0.63
	0.6	2580	682	0.72
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
	1.8	-	-	-
T3	0.2	4898	753	1.78
	0.4	4788	793	1.87
	0.6	4702	832	1.97
	0.8	4584	877	2.07
	1	4464	923	2.18
	1.2	4280	978	2.31
	1.4	4138	1021	2.41
	1.6	3912	1078	2.55
	1.8	3739	1115	2.63
T4	0.2	5749	859	2.81
	0.4	5658	893	2.92
	0.6	5582	926	3.03
	0.8	5494	963	3.15
	1	5402	1003	3.28
	1.2	5273	1045	3.42
	1.4	5158	1085	3.55
	1.6	5003	1130	3.69
	1.8	4866	1160	3.79
T5	0.2	5849	872	2.97
	0.4	5757	906	3.09
	0.6	5677	940	3.21
	0.8	5591	977	3.33
	1	5502	1015	3.46
	1.2	5383	1055	3.60
	1.4	5270	1093	3.73
	1.6	5132	1135	3.87
	1.8	5003	1167	3.98

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP
T1**	0.2	2659	536	0.49
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
	1.8	-	-	-
T2**	0.2	2879	566	0.59
	0.4	2685	645	0.68
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
	1.8	-	-	-
T3	0.2	4712	813	1.92
	0.4	4643	847	2.00
	0.6	4551	885	2.09
	0.8	4461	924	2.18
	1	4315	974	2.30
	1.2	4210	1015	2.40
	1.4	4028	1066	2.52
	1.6	3884	1109	2.62
	1.8	3675	1166	2.75
T4	0.2	5530	931	3.04
	0.4	5468	958	3.13
	0.6	5403	989	3.23
	0.8	5327	1022	3.34
	1	5234	1059	3.46
	1.2	5158	1092	3.57
	1.4	5032	1132	3.70
	1.6	4929	1166	3.81
	1.8	4764	1212	3.96
T5	0.2	5625	946	3.23
	0.4	5559	974	3.32
	0.6	5494	1005	3.43
	0.8	5417	1037	3.54
	1	5335	1072	3.66
	1.2	5261	1103	3.77
	1.4	5151	1140	3.89
	1.6	5055	1173	4.00
	1.8	4907	1216	4.15

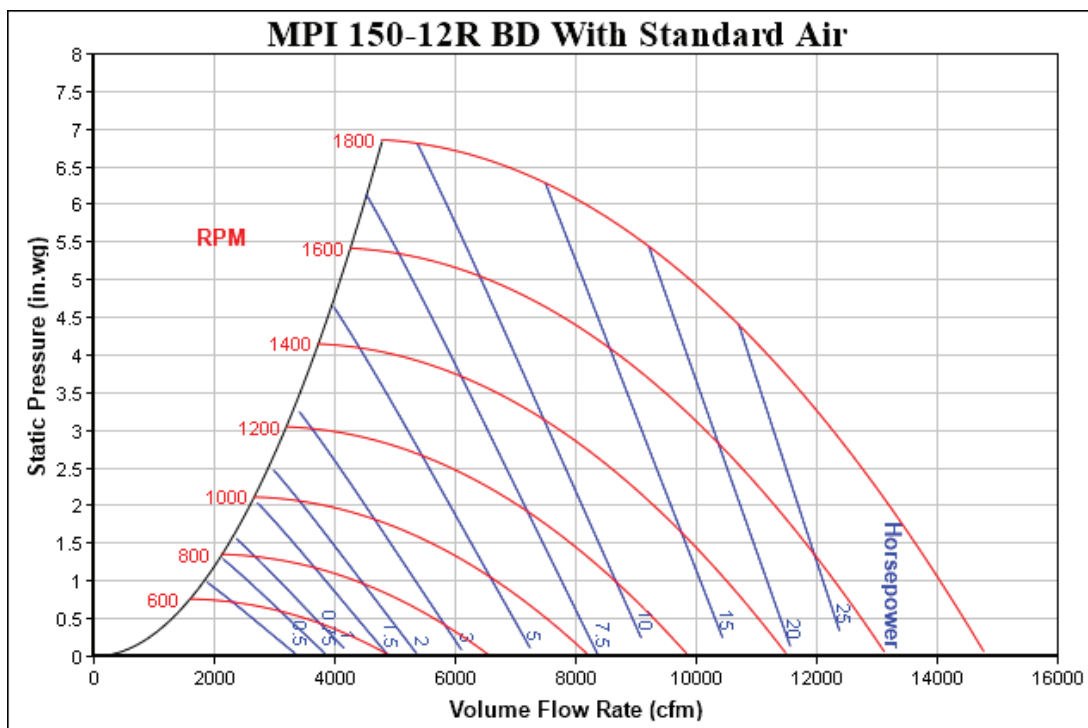
12.5 TON COOLER • HIGH STATIC DIRECT DRIVE • MODELS: DSC1503W, DSC1504W, DSC1507W

Down Flow					Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP	Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	5162	785	2.04	T6	0.2	4965	849	2.21
	0.4	5059	822	2.14		0.4	4905	878	2.29
	0.6	4982	858	2.23		0.6	4824	913	2.38
	0.8	4876	900	2.34		0.8	4740	951	2.47
	1	4765	945	2.46		1	4607	998	2.60
	1.2	4594	997	2.59		1.2	4512	1037	2.70
	1.4	4461	1040	2.71		1.4	4337	1086	2.83
	1.6	4248	1095	2.85		1.6	4204	1126	2.93
T7	1.8	4083	1128	2.93		1.8	3995	1181	3.07
	0.2	5459	822	2.39	T7	0.2	5250	890	2.59
	0.4	5363	857	2.49		0.4	5194	917	2.67
	0.6	5291	890	2.59		0.6	5124	949	2.76
	0.8	5196	929	2.70		0.8	5045	984	2.86
	1	5094	972	2.83		1	4929	1027	2.99
	1.2	4942	1020	2.97		1.2	4844	1063	3.09
	1.4	4818	1062	3.09		1.4	4686	1108	3.23
	1.6	4628	1113	3.24		1.6	4568	1146	3.34
T8	1.8	4475	1143	3.33		1.8	4371	1198	3.49
	0.2	5653	846	2.66	T8	0.2	5436	917	2.88
	0.4	5560	880	2.77		0.4	5378	944	2.96
	0.6	5487	913	2.87		0.6	5312	975	3.06
	0.8	5397	951	2.99		0.8	5235	1008	3.17
	1	5302	992	3.12		1	5134	1048	3.29
	1.2	5164	1037	3.26		1.2	5055	1082	3.40
	1.4	5046	1077	3.38		1.4	4916	1124	3.53
	1.6	4878	1125	3.53		1.6	4808	1159	3.64
T9	1.8	4734	1154	3.62		1.8	4629	1207	3.79
	0.2	5749	859	2.81	T9	0.2	5530	931	3.04
	0.4	5658	893	2.92		0.4	5468	958	3.13
	0.6	5582	926	3.03		0.6	5403	989	3.23
	0.8	5494	963	3.15		0.8	5327	1022	3.34
	1	5402	1003	3.28		1	5234	1059	3.46
	1.2	5273	1045	3.42		1.2	5158	1092	3.57
	1.4	5158	1085	3.55		1.4	5032	1132	3.70
	1.6	5003	1130	3.69		1.6	4929	1166	3.81
T10	1.8	4866	1160	3.79		1.8	4764	1212	3.96
	0.2	5849	872	2.97	T10	0.2	5625	946	3.23
	0.4	5757	906	3.09		0.4	5559	974	3.32
	0.6	5677	940	3.21		0.6	5494	1005	3.43
	0.8	5591	977	3.33		0.8	5417	1037	3.54
	1	5502	1015	3.46		1	5335	1072	3.66
	1.2	5383	1055	3.60		1.2	5261	1103	3.77
	1.4	5270	1093	3.73		1.4	5151	1140	3.89
	1.6	5132	1135	3.87		1.6	5055	1173	4.00
	1.8	5003	1167	3.98		1.8	4907	1216	4.15

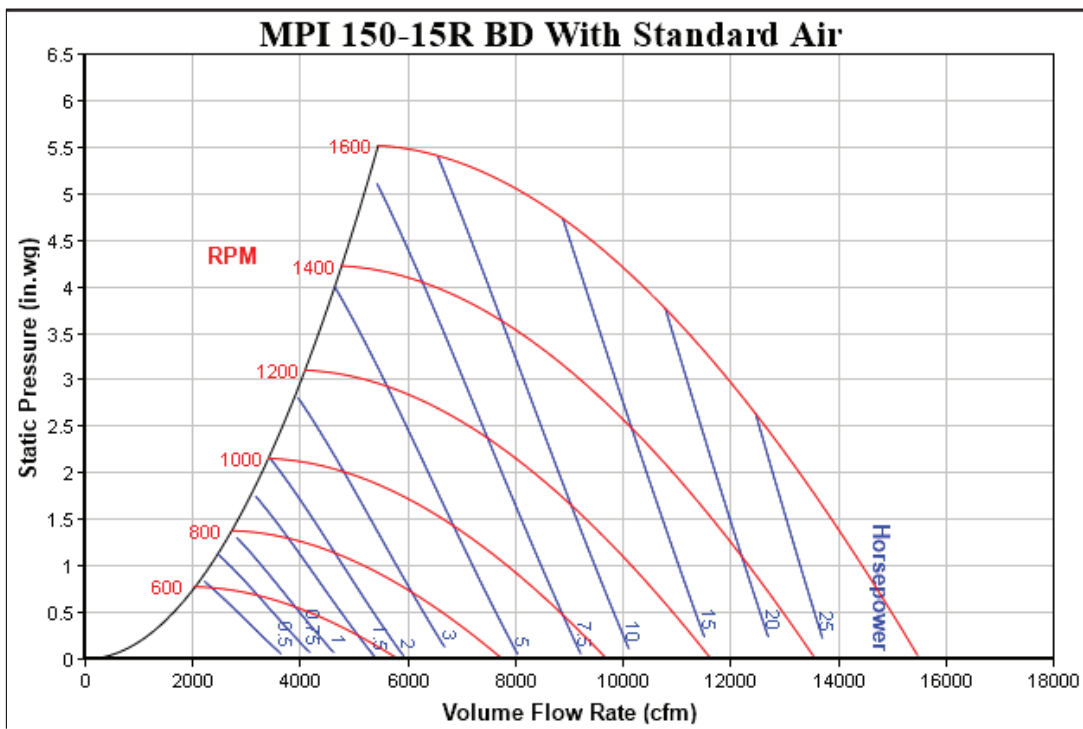
Shaded speed tap - Airflow for supplemental heat.

** (T1) and (T2) are part load only

7.5 - 8.5 Ton blower Fan Curve



10 - 12.5 Ton blower Fan Curve



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

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

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC0903D	208/230/3/60	2	12.2	120	2	0.33	2.0	1	2.4	8.0	-	-	-	-	-	39.4/39.4	50/50
											-	-	-	9.6/8.7	-	49.0/48.1	60/60
											-	-	-	-	3.3/3.0 (2.4)	42.7/42.4	50/50
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	52.3/51.1	60/60
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	49.1/55.1	50/60
														9.6/8.7	-	61.1/66.0	70/70
														-	3.3/3.0 (2.4)	53.2/58.9	60/60
														9.6/8.7	3.3/3.0 (2.4)	65.2/69.7	70/70
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	88.2/100	90/110
														9.6/8.7	-	100/111	110/125
														-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	127/145	150/150
														9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
DSC0903L	208/230/3/60	2	12.2	120	2	0.33	2.0	1	2.4	8.0	-	-	-	-	-	39.4/39.4	50/50
											-	-	-	9.6/8.7	-	49.0/48.1	60/60
											-	-	-	-	3.3/3.0 (2.4)	42.7/42.4	50/50
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	52.3/51.1	60/60
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	49.1/55.1	50/60
														9.6/8.7	-	61.1/66.0	70/70
														-	3.3/3.0 (2.4)	53.2/58.9	60/60
														9.6/8.7	3.3/3.0 (2.4)	65.2/69.7	70/70
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	88.2/100	90/110
														9.6/8.7	-	100/111	110/125
														-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	127/145	150/150
														9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
DSC0903W	208/230/3/60	2	12.2	120	2	0.33	2.0	1	2.4	8.0	-	-	-	-	-	39.4/39.4	50/50
											-	-	-	9.6/8.7	-	49.0/48.1	60/60
											-	-	-	-	3.3/3.0 (2.4)	42.7/42.4	50/50
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	52.3/51.1	60/60
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	49.1/55.1	50/60
														9.6/8.7	-	61.1/66.0	70/70
														-	3.3/3.0 (2.4)	53.2/58.9	60/60
														9.6/8.7	3.3/3.0 (2.4)	65.2/69.7	70/70
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	88.2/100	90/110
														9.6/8.7	-	100/111	110/125
														-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	127/145	150/150
														9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
DSC0904D	460/3/60	2	5.8	55.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	20.1	25
											-	-	-	4.3	-	24.4	30
											-	-	-	-	1.2 (1.0)	21.3	25
											-	-	-	4.3	1.2 (1.0)	25.6	30
											EH*D-4M15	15.0	18.0	-	-	29.3	30
														4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
											EH*D-4M30	30.0	36.1	-	-	51.9	60
														4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
											EH*D-4M45	45.0	54.1	-	-	74.4	80
														4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC0904L	460/3/60	2	5.8	55.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	20.1	25
											-	-	-	4.3	-	24.4	30
											-	-	-	-	1.2 (1.0)	21.3	25
											-	-	-	4.3	1.2 (1.0)	25.6	30
											-	-	-	-	-	29.3	30
											EH*D-4M15	15.0	18.0	4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
														-	-	51.9	60
											EH*D-4M30	30.0	36.1	4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
														-	-	74.4	80
											EH*D-4M45	45.0	54.1	4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90
														-	-	18.3	20
DSC0904W	460/3/60	2	5.8	55.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	20.1	25
											-	-	-	4.3	-	24.4	30
											-	-	-	-	1.2 (1.0)	21.3	25
											-	-	-	4.3	1.2 (1.0)	25.6	30
											-	-	-	-	-	29.3	30
											EH*D-4M15	15.0	18.0	4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
														-	-	51.9	60
											EH*D-4M30	30.0	36.1	4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
											EH*D-4M45	45.0	54.1	-	-	74.4	80
														4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90
DSC0907D	575/3/60	2	5.8	41.0	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	18.3	20
											-	-	-	3.5	-	21.8	25
											-	-	-	-	1.3	19.6	25
											-	-	-	3.5	1.3	23.1	25
											-	-	-	-	-	23.0	25
											EH*D-7M15	15.0	14.4	3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
														-	-	41.1	45
											EH*D-7M30	30.0	28.9	3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
											EH*D-7M45	45.0	43.3	-	-	59.1	60
														3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70
DSC0907L	575/3/60	2	5.8	41.0	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	18.3	20
											-	-	-	3.5	-	21.8	25
											-	-	-	-	1.3	19.6	25
											-	-	-	3.5	1.3	23.1	25
											-	-	-	-	-	23.0	25
											EH*D-7M15	15.0	14.4	3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
														-	-	41.1	45
											EH*D-7M30	30.0	28.9	3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
											EH*D-7M45	45.0	43.3	-	-	59.1	60
														3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC0907W	575/3/60	2	5.8	41.0	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	18.3	20
											-	-	-	3.5	-	21.8	25
											-	-	-	-	1.3	19.6	25
											-	-	-	3.5	1.3	23.1	25
											-	-	-	-	-	23.0	25
											EH*D-7M15	15.0	14.4	3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
														-	-	41.1	45
											EH*D-7M30	30.0	28.9	3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
														-	-	59.1	60
											EH*D-7M45	45.0	43.3	3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70
														-	-	43.7/43.7	50/50
DSC1023D	208/230/3/60	2	14.1	120	2	0.33	2.0	1	2.4	8.0	-	-	-	9.6/8.7	-	53.3/52.4	60/60
											-	-	-	-	3.3/3.0 (2.4)	47.0/46.7	60/60
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	56.6/55.4	60/60
											-	-	-	-	-	49.1/55.1	50/60
											EH*D-3M15	11.3/15.0	31.3/36.1	9.6/8.7	-	61.1/66.0	70/70
														-	3.3/3.0 (2.4)	53.2/58.9	60/60
														9.6/8.7	3.3/3.0 (2.4)	65.2/69.7	70/70
														-	-	88.2/100	90/110
											EH*D-3M30	22.5/30.0	62.5/72.2	9.6/8.7	-	100/111	110/125
														-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
														-	-	127/145	150/150
											EH*D-3M45	33.8/45.0	93.8/108	9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
														-	-	43.7/43.7	50/50
DSC1023L	208/230/3/60	2	14.1	120	2	0.33	2.0	1	2.4	8.0	-	-	-	9.6/8.7	-	53.3/52.4	60/60
											-	-	-	-	3.3/3.0 (2.4)	47.0/46.7	60/60
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	56.6/55.4	60/60
											-	-	-	-	-	49.1/55.1	50/60
											EH*D-3M15	11.3/15.0	31.3/36.1	9.6/8.7	-	61.1/66.0	70/70
														-	3.3/3.0 (2.4)	53.2/58.9	60/60
														9.6/8.7	3.3/3.0 (2.4)	65.2/69.7	70/70
														-	-	88.2/100	90/110
											EH*D-3M30	22.5/30.0	62.5/72.2	9.6/8.7	-	100/111	110/125
														-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
														-	-	127/145	150/150
											EH*D-3M45	33.8/45.0	93.8/108	9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
														-	-	43.7/43.7	50/50
DSC1023W	208/230/3/60	2	14.1	120	2	0.33	2.0	1	2.4	8.0	-	-	-	9.6/8.7	-	53.3/52.4	60/60
											-	-	-	-	3.3/3.0 (2.4)	47.0/46.7	60/60
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	56.6/55.4	60/60
											-	-	-	-	-	49.1/55.1	50/60
											EH*D-3M15	11.3/15.0	31.3/36.1	9.6/8.7	-	61.1/66.0	70/70
														-	3.3/3.0 (2.4)	53.2/58.9	60/60
														9.6/8.7	3.3/3.0 (2.4)	65.2/69.7	70/70
														-	-	88.2/100	90/110
											EH*D-3M30	22.5/30.0	62.5/72.2	9.6/8.7	-	100/111	110/125
														-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
														-	-	127/145	150/150
											EH*D-3M45	33.8/45.0	93.8/108	9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
														-	-	43.7/43.7	50/50

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC1024D	460/3/60	2	6.4	55.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	21.5	25
											-	-	-	4.3	-	25.8	30
											-	-	-	-	1.2 (1.0)	22.7	25
											-	-	-	4.3	1.2 (1.0)	27.0	30
											EH*D-4M15	15.0	18.0	-	-	29.3	30
														4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
											EH*D-4M30	30.0	36.1	-	-	51.9	60
														4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
											EH*D-4M45	45.0	54.1	-	-	74.4	80
														4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90
DSC1024L	460/3/60	2	6.4	55.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	21.5	25
											-	-	-	4.3	-	25.8	30
											-	-	-	-	1.2 (1.0)	22.7	25
											-	-	-	4.3	1.2 (1.0)	27.0	30
											EH*D-4M15	15.0	18.0	-	-	29.3	30
														4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
											EH*D-4M30	30.0	36.1	-	-	51.9	60
														4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
											EH*D-4M45	45.0	54.1	-	-	74.4	80
														4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90
DSC1024W	460/3/60	2	6.4	55.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	21.5	25
											-	-	-	4.3	-	25.8	30
											-	-	-	-	1.2 (1.0)	22.7	25
											-	-	-	4.3	1.2 (1.0)	27.0	30
											EH*D-4M15	15.0	18.0	-	-	29.3	30
														4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
											EH*D-4M30	30.0	36.1	-	-	51.9	60
														4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
											EH*D-4M45	45.0	54.1	-	-	74.4	80
														4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90
DSC1027D	575/3/60	2	5.1	41.0	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	16.9	20
											-	-	-	3.5	-	20.4	25
											-	-	-	-	1.3	18.2	20
											-	-	-	3.5	1.3	21.7	25
											EH*D-7M15	15.0	14.4	-	-	23.0	25
														3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
											EH*D-7M30	30.0	28.9	-	-	41.1	45
														3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
											EH*D-7M45	45.0	43.3	-	-	59.1	60
														3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70

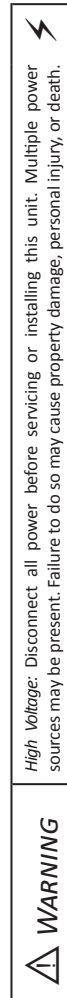
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC1027L	575/3/60	2	5.1	41.0	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	16.9	20
											-	-	-	3.5	-	20.4	25
											-	-	-	-	1.3	18.2	20
											-	-	-	3.5	1.3	21.7	25
											EH*D-7M15	15.0	14.4	-	-	23.0	25
														3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
														-	-	41.1	45
											EH*D-7M30	30.0	28.9	3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
											EH*D-7M45	45.0	43.3	-	-	59.1	60
														3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70
														-	-	16.9	20
DSC1027W	575/3/60	2	5.1	41.0	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	16.9	20
											-	-	-	3.5	-	20.4	25
											-	-	-	-	1.3	18.2	20
											-	-	-	3.5	1.3	21.7	25
											EH*D-7M15	15.0	14.4	-	-	23.0	25
														3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
														-	-	41.1	45
											EH*D-7M30	30.0	28.9	3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
											EH*D-7M45	45.0	43.3	-	-	59.1	60
														3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70
														-	-	50.9/50.9	60/60
DSC1203D	208/230/3/60	2	17.3	155	2	0.33	2.0	1	2.4	8.0	-	-	-	-	-	60.5/59.6	70/70
											-	-	-	9.6/8.7	-	54.2/53.9	70/70
											-	-	-	-	3.3/3.0 (2.4)	63.8/62.6	80/70
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	50.9/55.1	60/60
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	61.1/66.0	70/70
														9.6/8.7	-	54.2/58.9	70/70
														-	3.3/3.0 (2.4)	65.2/69.7	80/70
														9.6/8.7	3.3/3.0 (2.4)	88.2/100	90/110
														-	-	100/111	110/125
											EH*D-3M30	22.5/30.0	62.5/72.2	-	3.3/3.0 (2.4)	92.3/104	100/110
														9.6/8.7	3.3/3.0 (2.4)	104/115	110/125
														-	-	127/145	150/150
											EH*D-3M45	33.8/45.0	93.8/108	9.6/8.7	-	139/156	150/175
														-	3.3/3.0 (2.4)	131/149	150/150
														9.6/8.7	3.3/3.0 (2.4)	143/160	150/175
														-	-	53.8/53.8	70/70
														DSC1203L	208/230/3/60	2	17.3
-	-	-	-	3.3/3.0 (2.4)	57.1/56.8	70/70											
-	-	-	9.6/8.7	3.3/3.0 (2.4)	66.7/65.5	80/80											
EH*D-3M15	11.3/15.0	31.3/36.1	-	-	53.8/58.7	70/70											
			9.6/8.7	-	64.7/69.6	80/70											
			-	3.3/3.0 (2.4)	57.1/62.5	70/70											
			9.6/8.7	3.3/3.0 (2.4)	68.9/73.4	80/80											
			-	-	91.8/104	100/110											
EH*D-3M30	22.5/30.0	62.5/72.2	9.6/8.7	-	104/115	110/125											
			-	3.3/3.0 (2.4)	96.0/108	100/110											
			9.6/8.7	3.3/3.0 (2.4)	108/118	110/125											
EH*D-3M45	33.8/45.0	93.8/108	-	-	131/149	150/150											
			9.6/8.7	-	143/160	150/175											
			-	3.3/3.0 (2.4)	135/153	150/175											
			9.6/8.7	3.3/3.0 (2.4)	147/164	150/175											
			-	-	150/150	150/150											

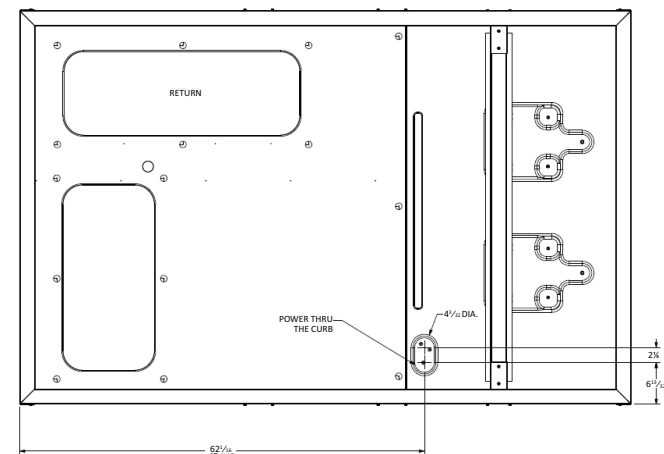
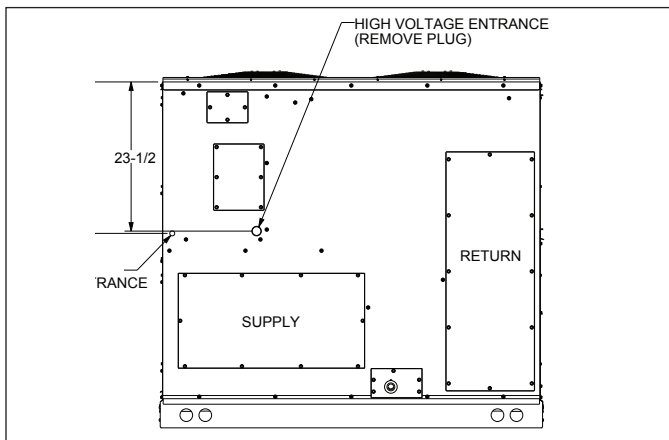
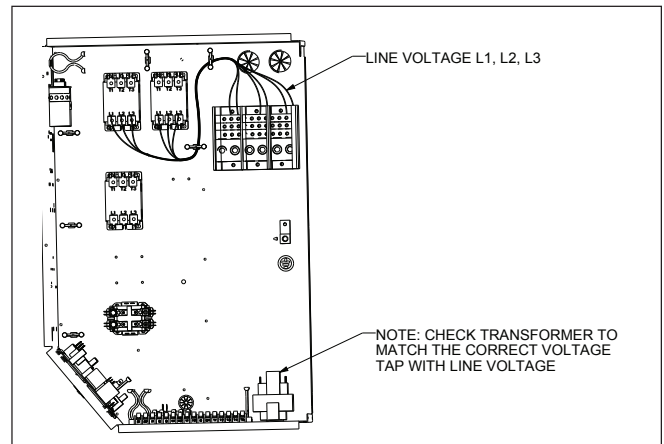
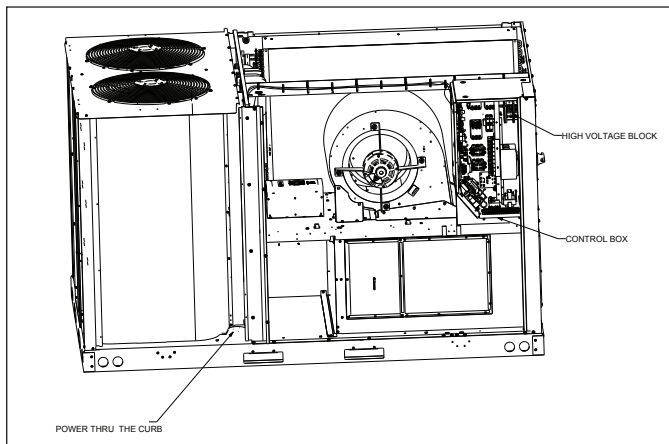
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC1203W	208/230/3/60	2	17.3	155	2	0.33	2.0	1	3.5	10.9	-	-	-	-	-	53.8/53.8	70/70
											-	-	-	9.6/8.7	-	63.4/62.5	80/70
											-	-	-	-	3.3/3.0 (2.4)	57.1/56.8	70/70
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	66.7/65.5	80/80
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	53.8/58.7	70/70
														9.6/8.7	-	64.7/69.6	80/70
														-	3.3/3.0 (2.4)	57.1/62.5	70/70
														9.6/8.7	3.3/3.0 (2.4)	68.9/73.4	80/80
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	91.8/104	100/110
														9.6/8.7	-	104/115	110/125
														-	3.3/3.0 (2.4)	96.0/108	100/110
														9.6/8.7	3.3/3.0 (2.4)	108/118	110/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	131/149	150/150
														9.6/8.7	-	143/160	150/175
														-	3.3/3.0 (2.4)	135/153	150/175
														9.6/8.7	3.3/3.0 (2.4)	147/164	150/175
DSC1204D	460/3/60	2	7.7	58.1	2	0.33	0.85	1	2.4	5.4	-	-	-	-	-	24.4	30
											-	-	-	4.3	-	28.7	35
											-	-	-	-	1.2 (1.0)	25.6	30
											-	-	-	4.3	1.2 (1.0)	29.9	35
											EH*D-4M15	15.0	18.0	-	-	29.3	30
														4.3	-	34.7	35
														-	1.2 (1.0)	30.8	35
														4.3	1.2 (1.0)	36.2	40
											EH*D-4M30	30.0	36.1	-	-	51.9	60
														4.3	-	57.2	60
														-	1.2 (1.0)	53.4	60
														4.3	1.2 (1.0)	58.7	60
											EH*D-4M45	45.0	54.1	-	-	74.4	80
														4.3	-	79.8	80
														-	1.2 (1.0)	75.9	80
														4.3	1.2 (1.0)	81.3	90
DSC1204L	460/3/60	2	7.7	58.1	2	0.33	0.85	1	3.5	7.2	-	-	-	-	-	26.2	30
											-	-	-	4.3	-	30.5	35
											-	-	-	-	1.2 (1.0)	27.4	30
											-	-	-	4.3	1.2 (1.0)	31.7	35
											EH*D-4M15	15.0	18.0	-	-	31.6	35
														4.3	-	36.9	40
														-	1.2 (1.0)	33.1	35
														4.3	1.2 (1.0)	38.4	40
											EH*D-4M30	30.0	36.1	-	-	54.1	60
														4.3	-	59.5	60
														-	1.2 (1.0)	55.6	60
														4.3	1.2 (1.0)	61.0	70
											EH*D-4M45	45.0	54.1	-	-	76.7	80
														4.3	-	82.0	90
														-	1.2 (1.0)	78.2	80
														4.3	1.2 (1.0)	83.5	90
DSC1204W	460/3/60	2	7.7	58.1	2	0.33	0.85	1	3.5	7.2	-	-	-	-	-	26.2	30
											-	-	-	4.3	-	30.5	35
											-	-	-	-	1.2 (1.0)	27.4	30
											-	-	-	4.3	1.2 (1.0)	31.7	35
											EH*D-4M15	15.0	18.0	-	-	31.6	35
														4.3	-	36.9	40
														-	1.2 (1.0)	33.1	35
														4.3	1.2 (1.0)	38.4	40
											EH*D-4M30	30.0	36.1	-	-	54.1	60
														4.3	-	59.5	60
														-	1.2 (1.0)	55.6	60
														4.3	1.2 (1.0)	61.0	70
											EH*D-4M45	45.0	54.1	-	-	76.7	80
														4.3	-	82.0	90
														-	1.2 (1.0)	78.2	80
														4.3	1.2 (1.0)	83.5	90

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC1207D	575/3/60	2	7.0	47.8	2	0.33	0.67	1	2.4	4.0	-	-	-	-	-	21.2	25
											-	-	-	3.5	-	24.7	30
											-	-	-	-	1.3	22.5	25
											-	-	-	3.5	1.3	26.0	30
											EH*D-7M15	15.0	14.4	-	-	23.0	25
														3.5	-	27.4	30
														-	1.3	24.7	25
														3.5	1.3	29.0	30
														-	-	41.1	45
											EH*D-7M30	30.0	28.9	3.5	-	45.5	50
														-	1.3	42.7	45
														3.5	1.3	47.1	50
											EH*D-7M45	45.0	43.3	-	-	59.1	60
														3.5	-	63.5	70
														-	1.3	60.8	70
														3.5	1.3	65.1	70
DSC1207L	575/3/60	2	7.0	47.8	2	0.33	0.67	1	3.5	5.0	-	-	-	-	-	22.2	25
											-	-	-	3.5	-	25.7	30
											-	-	-	-	1.3	23.5	30
											-	-	-	3.5	1.3	27.0	30
											EH*D-7M15	15.0	14.4	-	-	24.3	25
														3.5	-	28.7	30
														-	1.3	25.9	30
														3.5	1.3	30.3	35
											EH*D-7M30	30.0	28.9	-	-	42.3	45
														3.5	-	46.7	50
														-	1.3	44.0	45
														3.5	1.3	48.3	50
											EH*D-7M45	45.0	43.3	-	-	60.4	70
														3.5	-	64.8	70
														-	1.3	62.0	70
														3.5	1.3	66.4	70
DSC1207W	575/3/60	2	7.0	47.8	2	0.33	0.67	1	3.5	5.0	-	-	-	-	-	22.2	25
											-	-	-	3.5	-	25.7	30
											-	-	-	-	1.3	23.5	30
											-	-	-	3.5	1.3	27.0	30
											EH*D-7M15	15.0	14.4	-	-	24.3	25
														3.5	-	28.7	30
														-	1.3	25.9	30
														3.5	1.3	30.3	35
											EH*D-7M30	30.0	28.9	-	-	42.3	45
														3.5	-	46.7	50
														-	1.3	44.0	45
														3.5	1.3	48.3	50
											EH*D-7M45	45.0	43.3	-	-	60.4	70
														3.5	-	64.8	70
														-	1.3	62.0	70
														3.5	1.3	66.4	70
DSC1503D	208/230/3/60	2	19.2	157	2	0.5	2.7	1	3.5	10.9	-	-	-	-	-	59.5/59.5	70/70
											-	-	-	9.6/8.7	-	69.1/68.2	80/80
											-	-	-	-	3.3/3.0 (2.4)	62.8/62.5	80/80
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	72.4/71.2	90/80
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	59.5/59.5	70/70
														9.6/8.7	-	69.1/69.6	80/80
														-	3.3/3.0 (2.4)	62.8/62.5	80/80
														9.6/8.7	3.3/3.0 (2.4)	72.4/73.4	90/80
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	91.8/104	100/110
														9.6/8.7	-	104/115	110/125
														-	3.3/3.0 (2.4)	96.0/108	100/110
														9.6/8.7	3.3/3.0 (2.4)	108/118	110/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	131/149	150/150
														9.6/8.7	-	143/160	150/175
														-	3.3/3.0 (2.4)	135/153	150/175
														9.6/8.7	3.3/3.0 (2.4)	147/164	150/175

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC1503L	208/230/3/60	2	19.2	157	2	0.5	2.7	1	5.0	14.5	-	-	-	-	-	63.1/63.1	80/80
											-	-	-	9.6/8.7	-	72.7/71.8	90/90
											-	-	-	-	3.3/3.0 (2.4)	66.4/66.1	80/80
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	76.0/74.8	90/90
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	63.1/63.2	80/80
														9.6/8.7	-	72.7/74.1	90/90
														-	3.3/3.0 (2.4)	66.4/67.0	80/80
														9.6/8.7	3.3/3.0 (2.4)	76.0/77.9	90/90
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	96.3/108	100/110
														9.6/8.7	-	108/119	110/125
														-	3.3/3.0 (2.4)	100/112	110/125
														9.6/8.7	3.3/3.0 (2.4)	112/123	125/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	135/153	150/175
														9.6/8.7	-	147/164	150/175
														-	3.3/3.0 (2.4)	140/157	150/175
														9.6/8.7	3.3/3.0 (2.4)	152/168	175/175
DSC1503W	208/230/3/60	2	19.2	157	2	0.5	2.7	1	5.0	14.5	-	-	-	-	-	63.1/63.1	80/80
											-	-	-	9.6/8.7	-	72.7/71.8	90/90
											-	-	-	-	3.3/3.0 (2.4)	66.4/66.1	80/80
											-	-	-	9.6/8.7	3.3/3.0 (2.4)	76.0/74.8	90/90
											EH*D-3M15	11.3/15.0	31.3/36.1	-	-	63.1/63.2	80/80
														9.6/8.7	-	72.7/74.1	90/90
														-	3.3/3.0 (2.4)	66.4/67.0	80/80
														9.6/8.7	3.3/3.0 (2.4)	76.0/77.9	90/90
											EH*D-3M30	22.5/30.0	62.5/72.2	-	-	96.3/108	100/110
														9.6/8.7	-	108/119	110/125
														-	3.3/3.0 (2.4)	100/112	110/125
														9.6/8.7	3.3/3.0 (2.4)	112/123	125/125
											EH*D-3M45	33.8/45.0	93.8/108	-	-	135/153	150/175
														9.6/8.7	-	147/164	150/175
														-	3.3/3.0 (2.4)	140/157	150/175
														9.6/8.7	3.3/3.0 (2.4)	152/168	175/175
DSC1504D	460/3/60	2	9.0	74.8	2	0.5	1.4	1	3.5	7.2	-	-	-	-	-	30.2	35
											-	-	-	4.3	-	34.5	40
											-	-	-	-	1.2 (1.0)	31.4	40
											-	-	-	4.3	1.2 (1.0)	35.7	40
											EH*D-4M15	15.0	18.0	18.0	-	31.6	35
														-	-	36.9	40
														-	1.2 (1.0)	33.1	40
														4.3	1.2 (1.0)	38.4	40
											EH*D-4M30	30.0	36.1	36.1	-	54.1	60
														-	-	59.5	60
														-	1.2 (1.0)	55.6	60
														4.3	1.2 (1.0)	61.0	70
											EH*D-4M45	45.0	54.1	54.1	-	76.7	80
														-	-	82.0	90
														-	1.2 (1.0)	78.2	80
														4.3	1.2 (1.0)	83.5	90
DSC1504L	460/3/60	2	9.0	74.8	2	0.5	1.4	1	5.0	10.6	-	-	-	-	-	33.6	40
											-	-	-	4.3	-	37.9	45
											-	-	-	-	1.2 (1.0)	34.8	45
											-	-	-	4.3	1.2 (1.0)	39.1	45
											EH*D-4M15	15.0	18.0	-	-	35.8	40
														4.3	-	41.2	45
														-	1.2 (1.0)	37.3	45
														4.3	1.2 (1.0)	42.7	45
											EH*D-4M30	30.0	36.1	-	-	58.4	60
														4.3	-	63.7	70
														-	1.2 (1.0)	59.9	60
														4.3	1.2 (1.0)	65.2	70
											EH*D-4M45	45.0	54.1	-	-	80.9	90
														4.3	-	86.3	90
														-	1.2 (1.0)	82.4	90
														4.3	1.2 (1.0)	87.8	90

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	RLA	LRA	QTY	HP	FLA	TYPE	HP	FLA	PART #	KW*	FLA	FLA	FLA	MCA	MOP
DSC1504W	460/3/60	2	9.0	74.8	2	0.5	1.4	1	5.0	10.6	-	-	-	-	-	33.6	40
											-	-	-	4.3	-	37.9	45
											-	-	-	-	1.2 (1.0)	34.8	45
											-	-	-	4.3	1.2 (1.0)	39.1	45
											EH*D-4M15	15.0	18.0	-	-	35.8	40
														4.3	-	41.2	45
														-	1.2 (1.0)	37.3	45
														4.3	1.2 (1.0)	42.7	45
											EH*D-4M30	30.0	36.1	-	-	58.4	60
														4.3	-	63.7	70
														-	1.2 (1.0)	59.9	60
														4.3	1.2 (1.0)	65.2	70
											EH*D-4M45	45.0	54.1	-	-	80.9	90
														4.3	-	86.3	90
														-	1.2 (1.0)	82.4	90
														4.3	1.2 (1.0)	87.8	90
DSC1507D	575/3/60	2	7.0	53.9	2	0.5	1.0	1	3.5	5.0	-	-	-	-	-	22.8	25
											-	-	-	3.5	-	26.3	30
											-	-	-	-	1.3	24.1	30
											-	-	-	3.5	1.3	27.6	30
											-	-	-	-	-	24.3	25
											EH*D-7M15	15.0	14.4	3.5	-	28.7	30
														-	1.3	25.9	30
														3.5	1.3	30.3	35
											EH*D-7M30	30.0	28.9	-	-	42.3	45
														3.5	-	46.7	50
														-	1.3	44.0	45
														3.5	1.3	48.3	50
											EH*D-7M45	45.0	43.3	-	-	60.4	70
														3.5	-	64.8	70
														-	1.3	62.0	70
														3.5	1.3	66.4	70
DSC1507L	575/3/60	2	7.0	53.9	2	0.5	1.0	1	5.0	7.2	-	-	-	-	-	25.0	30
											-	-	-	3.5	-	28.5	35
											-	-	-	-	1.3	26.3	30
											-	-	-	3.5	1.3	29.8	35
											-	-	-	-	-	27.0	30
											EH*D-7M15	15.0	14.4	3.5	-	31.4	35
														-	1.3	28.7	30
														3.5	1.3	33.0	35
											EH*D-7M30	30.0	28.9	-	-	45.1	50
														3.5	-	49.5	50
														-	1.3	46.7	50
														3.5	1.3	51.1	60
											EH*D-7M45	45.0	43.3	-	-	63.1	70
														3.5	-	67.5	70
														-	1.3	64.8	70
														3.5	1.3	69.1	70
DSC1507W	575/3/60	2	7.0	53.9	2	0.5	1.0	1	5.0	7.2	-	-	-	-	-	25.0	30
											-	-	-	3.5	-	28.5	35
											-	-	-	-	1.3	26.3	30
											-	-	-	3.5	1.3	29.8	35
											-	-	-	-	-	27.0	30
											EH*D-7M15	15.0	14.4	3.5	-	31.4	35
														-	1.3	28.7	30
														3.5	1.3	33.0	35
											EH*D-7M30	30.0	28.9	-	-	45.1	50
														3.5	-	49.5	50
														-	1.3	46.7	50
														3.5	1.3	51.1	60
											EH*D-7M45	45.0	43.3	-	-	63.1	70
														3.5	-	67.5	70
														-	1.3	64.8	70
														3.5	1.3	69.1	70

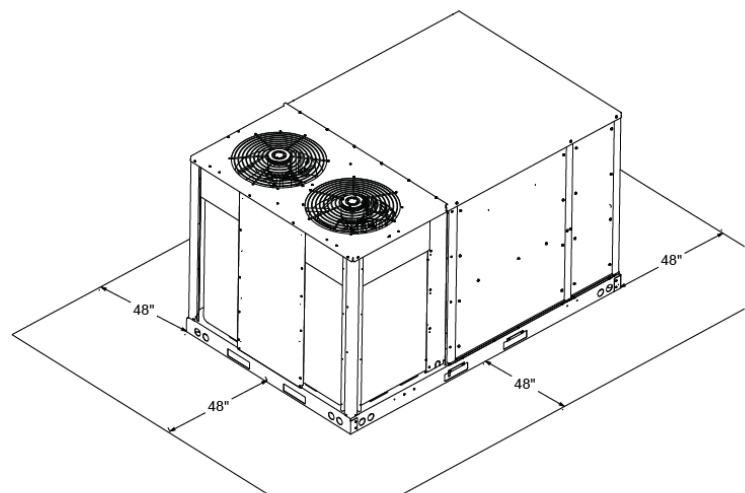




Unit Clearances

Service Clearance

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



UNIT CLEARANCES

Unit Location

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

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

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

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

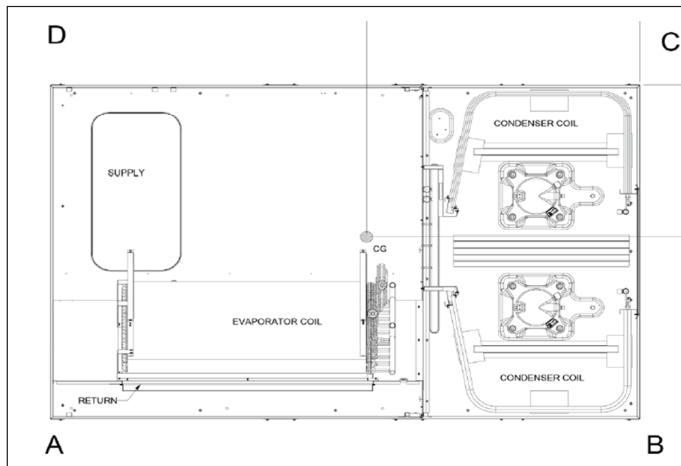
- » Unit must be lifted by the four lifting holes located at the base frame corners.
- » Lifting cables should be attached to the unit with shackles.
- » The distance between the crane hook and the top of the unit must not be less than 60".
- » Two spreader bars must span over the unit to prevent damage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

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

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

Roof Curb Installation

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



CORNER & CENTER-OF-GRAVITY LOCATIONS

Weights

Model	Shipping Weight (lbs)	Operating Weight (lbs)	Corner Weights (lbs)				Length X (in)	Width Y (in)
			A	B	C	D		
DSC0903D	1087	1015	243	226	274	272	30 ³ / ₅	42 ⁷ / ₁₀
DSC1023D	1099	1027	363	142	202	320	30 ³ / ₅	42 ⁷ / ₁₀
DSC1203D	1142	1070	229	280	235	326	30 ³ / ₅	42 ⁷ / ₁₀
DSC1503D	1225	1153	231	306	274	341	30 ³ / ₅	42 ⁷ / ₁₀

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

