



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



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

A woman with blonde hair tied in a bun, wearing a light-colored blazer over a white shirt, is looking down at a clipboard she is holding. The background is a blurred office setting with a staircase.

Our Perfect Package:

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

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

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

The group philosophy of the company includes:

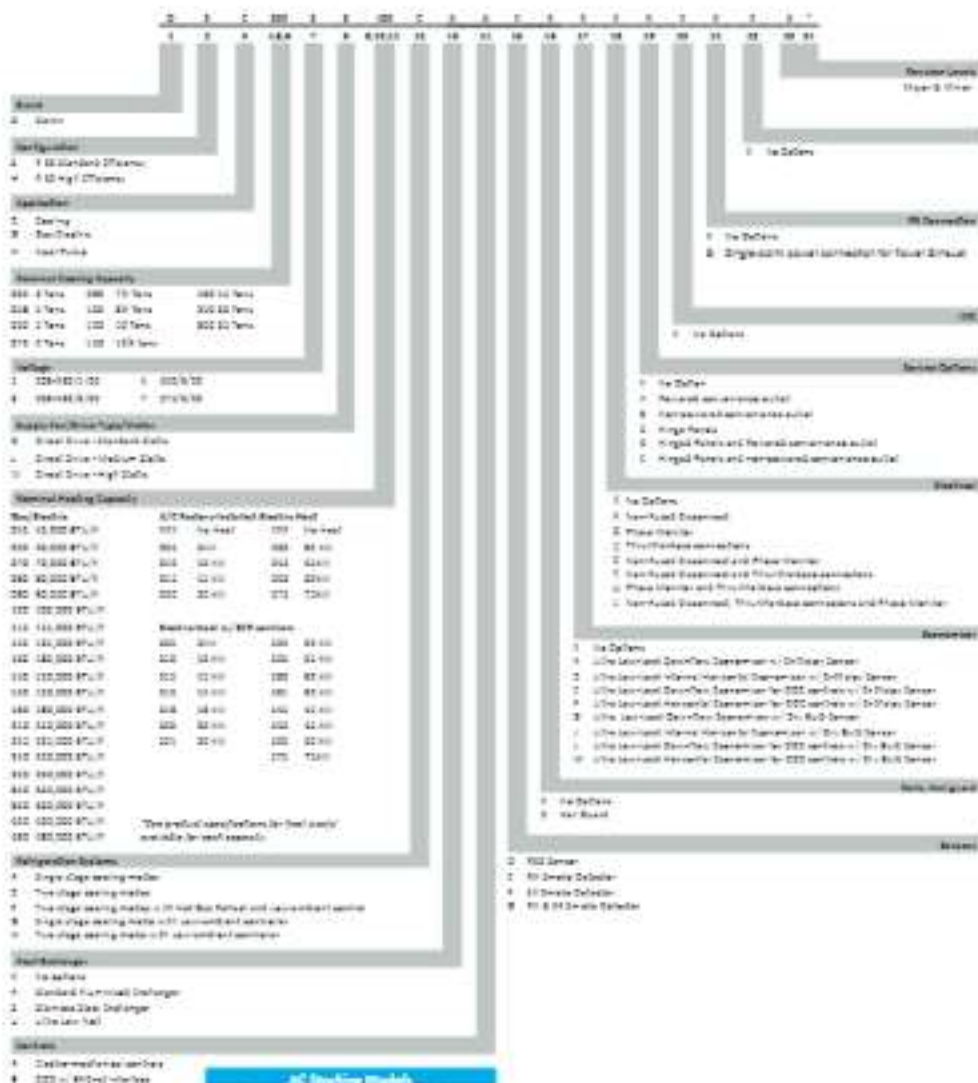
- » Creating new value continuously for customers
- » Developing world leading energy-saving technology
- » Being a flexible and dynamic organization
- » Allowing employees to be the driving force for the success of the company
- » Fostering an atmosphere of best practices, boldness, and innovation
-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



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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 fail-safe fiberglass insulation which also prevents exposed filter fibers into the airstream.
- 2" 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 1/2" 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.

- Resilient, 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, provides for easy airflow control.

- Belt bearing Direct-Drive DDM 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 size 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

ET's 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-standard 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	DC0300300000015	DC0300400000015	DC0300500000015
COOLED CAPACITY			
Total BTU/h	80,000	80,000	80,000
SEER / EER	18.0/13.0	18.0/13.0	18.0/13.0
ENERG+ / ENERGY	N/A	N/A	N/A
4.0% Performance A			
COMPLIANT SECTION / 8.0% IMPROVED TYPE PLANT (A)			
Water Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	3.0/2.0	3.0/2.0	3.0/2.0
Water Flow (GPM)	18.0/12	18.0/12	18.0/12
Indoor Nominal CFM	3000	3000	3000
SPR	200-1400	200-1400	200-1400
Indoor Horsepower	2.4	2.4	2.4
Pilot Size (in)	20 x 20 x 2 (3)	20 x 20 x 2 (3)	20 x 20 x 2 (3)
	20 x 20 x 2 (3)	20 x 20 x 2 (3)	20 x 20 x 2 (3)
Open Area (FPI)	7/8	7/8	7/8
P-80 Refrigerant Charge (lb) for 41 & 2	52.50	49.50	52.50
Evaporator Coil Face Area (Ft ²)	14.5	14.5	14.5
Revolutions / Feet per inch	2 / 18	2 / 18	2 / 18
CONDENSING (A) / 8.0% IMPROVED TYPE PLANT (A)			
Quantity of Condenser Fan Motors	3	3	3
SPR (High/Low Stage)	1100	1100	1100
Refrigerant Horsepower	3/8	3/8	3/8
Fan Diameter / # Fan Stages	22 / 3	22 / 3	22 / 3
Face Area (Ft ²)	29.1	29.1	29.1
Revolutions / Feet per inch	2 / 18	2 / 18	2 / 18
COMPRESSOR			
Quantity / Type / Stage per Compressor	3 / Scroll / 1	3 / Scroll / 1	3 / Scroll / 1
Compressor PUA / LPA	1.2/1.00	1.2/1.00	1.2/1.00
MECHANICAL DATA			
Package Weight (Pounds)	225/120-1-80	145-3-80	275-3-80
Indoor Window PUA	8	8.4	4.2
Min. External Static (in. w.c.)	0.6	0.6	0.6
Refrigerant Fan PUA	3	3.68	3.87
Max. Circuit Amperage*	28.4/15.4	28.1	28.2
Min. Recommended Refrigerant (lb)	50.50	48	50
Refrigerant Supply Conduct (in. Dia. (in))	1.315	1.315	1.315
Low Voltage Conduct (in. Dia. (in))	0.5	0.5	0.5
GREENWALL WINDOW (A)			
Operating at night (W)	1015	1015	1015
GREENWALL WINDOW (A)			
Max. Capacity (Btu)	1080	1080	1080

¹ While this should be compared to *experiments with National Institute of Health*, *Experiments with National Institute of Health* are not all results, *Experiments with National Institute of Health*.

³ They are based on the Chinese court records at the same time as noted.

Now, it's your check the ICD-9 code for exercise code at the visit being coded.

Model	05C302100000015	05C302400000015	05C302700000015
COOLED CAPACITY			
Total BTU/hr	87,000	87,000	87,000
SEER / EER	15.5/11.4	15.5/11.4	15.5/11.4
SEERS / EERS	N/A	N/A	N/A
AIRFLOW (CFM)			
MECHANICAL WEIGHT / APPROXIMATE TOTAL FLOOR LOAD			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wired Dia. & Length	1/2" x 12'	1/2" x 12'	1/2" x 12'
Indoor Nominal CFM	2100	2100	2100
WPM	400-4800	400-4800	400-4800
Indoor Dimensions	24"	24"	24"
Filter Bay (in)	20 x 20 x 4 (2)	20 x 20 x 4 (2)	20 x 20 x 4 (2)
Drain Pan (WFT)	20"	20"	20"
1-1/2" Refrigerant Charge (lb.) Co-Wt. & L	56/36	56/36	56/36
Condenser Coil Face Area (FPA)	13.5	13.5	13.5
Reas. Stack / Flow per inch	1 / 18	1 / 18	1 / 18
CONDENSER FAN / FAN SPEEDS (RPM) / FAN DISCOUNT			
Quantity of Condenser Fan Motors	2	2	2
WPM (high/low speed)	1100	1000	1000
Outdoor Dimensions	1/2"	1/2"	1/2"
Fan Diameter / A Fan Blades	24 / 2	24 / 2	24 / 2
Fan Area (FPA)	39.1	39.1	39.1
Reas. Stack / Flow per inch	1 / 18	1 / 18	1 / 18
COMPRESSOR			
Quantity / Type / Stages per Compressor	2 / Scroll / 1	2 / Scroll / 1	2 / Scroll / 1
Compressor P.A. / P.A.	14.1/100	14.1/100	14.1/100
MECHANICAL DATA			
Voltage/Phase/Frequency	208/230-1-60	480-1-60	575-1-60
Indoor Motor P.A.	8	8	8
Wired External Static (in. W.G.)	0.8	0.8	0.8
Outdoor Fan P.A.	2	0.88	0.87
Min. Circuit Ampacity*	48.5/45.1	21.5	18.8
Wired Compressor Protection (A/F)	60 / 60	35	30
Power Supply Conduct Wire Dia. (in)	1.019	1.019	1.019
Reas. Stack Conduct Wire Dia. (in)	0.8	0.8	0.8
CONDENSER WEIGHT (LBS.)			
Condenser Weight (LBS.)	1027	1027	1027
INDOOR WEIGHT (LBS.)			
Indoor Weight (LBS.)	1000	1000	1000

* Wire size should be determined in accordance with National Electrical Codes. Protective wire size will require larger wire size.

† May use 1/2" or 3/4" O.D. pipe (duct diameter) of the same size as noted.

Note: Round stack the 1/2" pipe for electrical code on the unit being installed.

Model	DCCL13000000013	DCCL13000000015	DCCL13000000017
Cooling Capacity			
Total Btu/h	118,000	118,000	118,000
SEER / EER	15.3/13.4	15.3/13.4	15.3/13.4
IEER2 / IEER1	N/A	N/A	N/A
4-way Refrigerant A			
Refrigerant Section / 8 Way Indoor Type Split Unit			
Water Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	34.2/29.4	34.2/29.4	Standard
Water Flow, l/min	18/18	18/18	18/18
Indoor Nominal CFM	2160	2160	2160
BTU	600-1400	600-1400	600-1400
Indoor Horsepower	2.4	2.4	2.4
Pipe Size (in)	22 x 22 x 2 (2)	22 x 22 x 2 (2)	22 x 22 x 2 (2)
Water Box (HPT)	N/A	N/A	N/A
P-Box Refrigerant Charge (in. H ₂ O @ 45 °F)	12/12	12/12	12/12
Evaporator Coil Face Area (ft ²)	16.2	16.2	16.2
Reese Drive / Feet per inch	2 / 18	2 / 18	2 / 18
Condensing Unit / 8 Way (Refrigerant) Type Split Unit			
Quantity of Condenser Fan Motors	3	3	3
RPM (high/low stage)	1100	1080	1000
Refrigerant Horsepower	3/3	3/3	3/3
Fan Diameter / Fan Blades	22 / 3	22 / 3	22 / 3
Face Area (ft ²)	28.1	28.1	28.1
Reese Drive / Feet per inch	2 / 18	2 / 18	2 / 18
Connections			
Quantity / Type / Stage per Compressor	2 / Steel / 1	2 / Steel / 1	2 / Steel / 1
Compressor RUA / LRA	1.2/1.05	1.2/1.05	1.2/1.05
Electrical Data			
Voltage/Phase/Frequency	230/120-1-60	460-3-60	270-3-60
Indoor Motor FLA	8	9.4	4.7
Max. External Static (in. w.c.)	0.8	0.8	0.8
Refrigerant Fan FLA	2	2.08	0.87
Max. Circuit Amperage*	10.9/15.8	24.4	11.8
Max. Recommended Refrigerant (lb)	80/80	52	22
Power Supply Conduct Heat Cw (in)	1.875	1.875	1.875
Low Voltage Conduct Heat Cw (in)	0.2	0.2	0.2
Greenwood window (ft.)			
Operating at night (ft)	1270	1270	1270
Greenwood window (ft.)			
Max. window (ft)	1140	1140	1140

¹ While this should be compared to β estimates with National Training Center, comparing the two will require deeper data than

³ They are based on the Chinese court records at the same time as noted.

Have a look at the [FAQ page](#) for general info on the website features.

Model	DVC1250200000015	DVC1250400000015	DVC1250100000015
COOLED CAPACITY			
Total BTU/hr	140,000	140,000	140,000
SEER / EER	13.1/11.4	13.1/11.4	13.1/11.4
SEERS / EERS	N/A	N/A	N/A
Anti-Flooding			
MECHANICAL WEIGHT / APPROXIMATE TOTAL FLOOR LOAD			
Motor Type	Direct Drive	Direct Drive	Direct Drive
External Static Pressure (ESP)	Standard	Standard	Standard
Wired Dia. & Length	15x18	15x18	15x18
Indoor Nominal CFM	4000	4000	4000
WPM	400-4800	400-4800	400-4800
Indoor Thermostat	3.3	3.3	3.3
Filter Bay (in)	20 x 28 x 2 (2)	20 x 28 x 2 (2)	20 x 28 x 2 (2)
Filter Bay (in)	20 x 28 x 2 (2)	20 x 28 x 2 (2)	20 x 28 x 2 (2)
Over Top (WPM)	300	300	300
4-82 Refrigerant Charge (lb.) G-W & L	110/113	110/113	110/113
Condenser Coil Face Area (FPA)	38.2	38.2	38.2
Revs/Sec / FPM per inch	6 / 18	6 / 18	6 / 18
CONDENSER FAN / FAN CAPACITANCE, WATT CONSUMPTION			
Quantity of Condenser Fan Motors	2	2	2
WPM (high/low speed)	1100	1100	1100
Outdoor Thermostat	3.2	3.2	3.2
Fan Diameter / Fan Blades	24 / 2	24 / 2	24 / 2
Fan Area (FPA)	40.8	40.8	40.8
Revs/Sec / FPM per inch	5 / 15	5 / 15	5 / 15
COMPRESSOR			
Quantity / Type / Stages per Compressor	2 / Scroll / 1	2 / Scroll / 1	2 / Scroll / 1
Condenser PUA / UPA	18.1/131	9.0/74.8	7.3/55.6
MECHANICAL DATA			
Voltage/Phase/Power/Freq	208/120/3-60	480/0-60	270/0-60
Indoor Return PUA	10.9	7.2	9.0
Unit External Static (in. W.G.)	0.8	0.8	0.8
Outdoor Fan PUA	0.7	1.4	1
Unit Ground Impedance ¹	25-275.0	30.3	22.8
Unit Grounded Protection (GFP)	10/10	30	30
Power Supply Conduct Note Dia. (in)	1.010	1.010	1.010
Service/Reps Conduct Note Dia. (in)	0.8	0.8	0.8
GENERAL WEIGHT (LBS.)			
Operating Weight (lbs)	1120	1120	1120
Maximum weight (LBS.)			
Net weight (lbs)	1120	1120	1120

¹ With one phase or three phase in accordance with National Electrical Code. Protective wire type will require larger wire size.

² May use two or six 1/4" diameter conduit instead of the same size as noted.

Note: Read the 1250 page for electrical data on the unit being installed.

Model	DSC150V0000001P	DSC150V0000001P	DSC150V0000001P
COOLING CAPACITY			
Rated Capacity	140,000	140,000	140,000
SEER (EER)	12.2/11.4	12.2/11.4	12.2/11.4
SEER2 / EER2	13.0	13.0	13.0
AMR Performance #			
INFORMATION SECTION / STOP SHOWING TIME PARTY #10			
Motor Type	Direct Drive	Direct Drive	Direct Drive
Internal Static Pressure (SPR)	750Pa	750Pa	750Pa
Wheel Dia. & Width	120x18	120x18	120x18
Indoor Nominal CFM	4300	4300	4300
SPR1	220-1800	200-1800	220-1800
Indoor Horsepower	3.0	3.0	3.0
Filter Size (in)	22 x 22 x 1 (2)	22 x 22 x 1 (2)	22 x 22 x 1 (2)
Filter Size (in)	22 x 22 x 1 (2)	22 x 22 x 1 (2)	22 x 22 x 1 (2)
Down Size (GPT)	7/8	7/8	7/8
MAX Refrigerant Charge (oz.) for W & S	110/113	110/113	110/113
Evaporator Coil Face Area (FV)	38.2	38.2	38.2
Revol. Speed / Revs per min	6/158	6/158	6/158
CONDENSER (NEW / WITH PREVIOUS CHARGES NEW EXCHANGERS)			
Quantity of Condenser Fan Motors	3	3	3
SPR (High/Low stage)	1120	1120	1120
Coil Size (mm)	3/2	3/2	3/2
Fan Diameter & Fan Blade	32 x 2	32 x 2	32 x 2
Face Area (FV)	40.8	40.8	40.8
Revol. Speed / Revs per min	3/123	3/123	3/123
COMPRESSOR			
Quantity / Type / Displacement / Compressor	3/Scroll / 3	3/Scroll / 3	3/Scroll / 3
Compressor P/L / L/A	12.2/12.7	8.2/14.5	11.12.5.8
FUNCTIONAL DATA			
Voltage / Phase / Frequency	220/110-60	220-60	220-60
Indoor Blower P/L	1.5	1.5	1.5
Max External Static (in. W.G.)	1.5	1.5	1.5
Coil Filter Fan P/L	3.7	3.4	3
Min. Circuit Amperage	62.1/61.1	23.8	23
Max. Recommended Protection (A/R)	62/60	40	35
Power Supply Control Mode (in)	1.275	1.275	1.275
Max. Indoor Supply Side Dia. (in)	0.8	0.8	0.8
CONDENSER (NEW / WITH PREVIOUS CHARGES NEW EXCHANGERS)			
Operating Weight (lbs)	1100	1100	1100
Condenser to Motor (A/R)	1.275	1.275	1.275
Min. Supply (lbs)	1.275	1.275	1.275

² More care should be exercised in association with Wall-to-Wall Digital Copies. Downloading into Java will require a Java-enabled browser.

² <http://www.burton.com>, accessed 12/12/2006.

Have a doctor check the SPD pump for medical causes if the unit has a problem.

Coil Dimensions

Turns	Indoor			Outdoor		
	Pk. height in.	Pk. length in.	Area (ft ²)	Pk. height in.	Pk. length in.	Area (ft ²)
1.5	43.2	48.8	21.4	48.8	48.8	23.1
2.5	43.2	54.2	23.4	48.8	54.2	26.1
3.0	48.2	61.8	29.2	48.8	61.8	30.1
3.5	48.2	71.8	34.2	48.8	71.8	35.1

AHRI Ratings

Model	Cooling Capacity (Btu/hr)	SEER	IEER
DCS0902D	30,000	12.0	10.0
DCS0904D	40,000	12.0	10.0
DCS0907D	50,000	12.0	10.0
DCS1090D	60,000	11.8	9.8
DCS1094D	80,000	11.8	9.8
DCS1097D	90,000	11.8	9.8
DCS1290D	118,000	11.4	9.2
DCS1294D	138,000	11.4	9.2
DCS1297D	158,000	11.4	9.2
DCS1490D	148,000	11.4	9.2
DCS1494D	168,000	11.4	9.2
DCS1497D	188,000	11.4	9.2

Sound Data

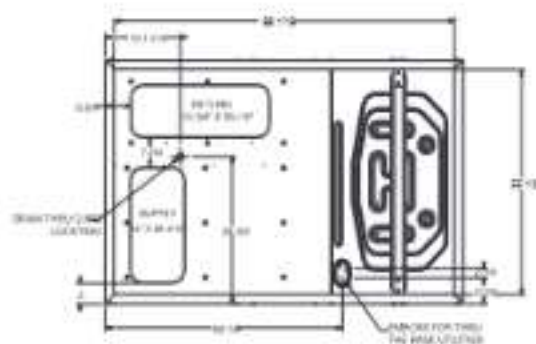
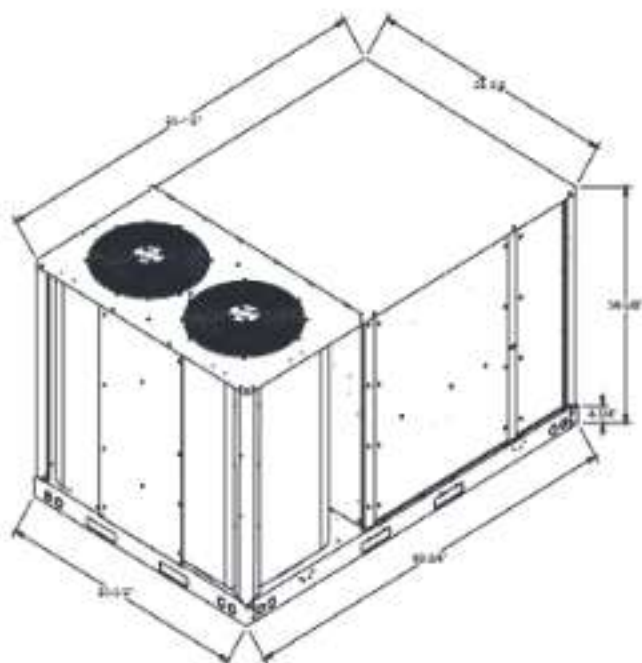
Tonec Precursor	Indoor CFM	7.5 TON SOURCE (D6) at 60 Hz									
		Component	A-Weighted	dB	125	250	500	1000	2000	4000	8000
S.S.	1,000	Discharge	85.7	75.3	75.2	82.8	82.8	82.2	87.2	88.8	88.2
		Indo	85.8	81.2	73.4	84.8	88.2	88.8	88.8	87.2	88.2
		Indo	78.8	88.8	82.2	77.2	72.2	72.8	88.8	88.2	88.2
S.S.	2,000	Discharge	82.4	82.7	80.7	88.8	88.8	81.7	88.8	88.2	82
		Indo	82.4	81.8	85.4	85	71.1	71.1	72.2	71.7	87.5
		Indo	78.8	82.8	82.2	78.2	88.8	88.8	81.8	82.2	88.8
N/A	N/A	Outdoor	82.8	88.2	88.2	82.1	78.2	71.2	74.2	88.8	87.7

Tonec Precursor	Indoor CFM	8.5 TON SOURCE (D6) at 60 Hz									
		Component	A-Weighted	dB	125	250	500	1000	2000	4000	8000
S.S.	1,400	Discharge	71.2	80.8	78.8	88.8	88.2	83.2	82.8	88.2	88.8
		Indo	85.2	81.2	73.4	88.8	88.2	84.8	88.8	87.2	88.2
		Indo	78.8	88.8	82.2	78.2	78.4	78.8	71.8	72.2	82.8
S.S.	2,800	Discharge	80.8	88.2	88.4	78.1	78.2	78.2	71.4	88.7	88.2
		Indo	72.7	82.8	82.8	71.8	88.8	84.2	88.8	88.2	88.2
		Indo	82.8	88.2	88.2	82.1	78.2	71.2	74.2	88.8	87.7

Tonec Precursor	Indoor CFM	9.8 TON SOURCE (D6) at 60 Hz									
		Component	A-Weighted	dB	125	250	500	1000	2000	4000	8000
S.S.	1,400	Discharge	78.8	82.2	82.2	71.2	78.8	88.2	84.2	88.8	88.8
		Indo	87.2	82.8	78.8	88.8	82.2	88.2	84.7	82.8	87.8
		Indo	78.8	88.8	82.2	71.2	71.1	71.2	87.8	88.2	88.8
S.S.	2,800	Discharge	88.2	88.2	78.8	88.8	88.8	82.8	81.1	88.8	82.8
		Indo	71.2	88.2	88.2	73.2	78.2	71.8	82.8	88.8	88.8
		Indo	71.2	82.7	81.2	78.8	88.2	82.2	88.8	82.2	88.2
N/A	N/A	Outdoor	82.8	88.2	88.2	82.1	78.2	71.2	74.2	88.8	87.7

Tonec Precursor	Indoor CFM	12.5 TON SOURCE (D6) at 60 Hz									
		Component	A-Weighted	dB	125	250	500	1000	2000	4000	8000
S.S.	1,000	Discharge	78.8	82.8	82.8	78.2	78.2	78.8	88.8	88.8	82.2
		Indo	78.8	82.8	78.8	88.2	84.2	82.2	81.7	81.2	82.2
		Indo	78.8	82.8	84.7	77.1	74.8	78.4	88.8	88.8	82.8
S.S.	2,000	Discharge	78.8	88.8	88.8	78.2	88.8	88.8	88.8	88.8	82.8
		Indo	84.4	88.8	88.2	78.2	71.2	71.1	74.8	71.2	88.7
		Indo	78.4	82.2	82.2	71.1	82.8	81.2	82.4	82.7	88.2
N/A	N/A	Outdoor	88.8	88.8	88.8	88.8	82.8	81.7	78.8	72.2	88.8

- ¹ Outdoor sound data is measured in accordance with AHRI standard 170.
² Discharge and indoor sound data was measured in accordance with AHRI standard 380.
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 test facilities. Sound power values are independent of the test room and therefore more accurate.
⁴ Assigned sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. Assigned measurements for each unit are taken in accordance with ASHRAE standards 170 and 171.



UNIT	CON. TON
QAC-350	8
QAC-450	10
QAC-550	12.5
QAC-650	15



[illegible]

Can I send my child to the same school as my friend who has a learning difficulty? **Answer:** Yes, if you are given the go ahead by the local authority and you are not a special school. However, you will need to ensure that the school can meet the needs of your child. If you are unsure, contact the local authority for advice.

[illegible][illegible]

[illegible]

MINIMUM AIR FLOW FOR ELECTRIC HEAT										
Model #	Min Airflow	EHXD-3W15	EHXD-3W30	EHXD-3W45	EHXD-4W15	EHXD-4W30	EHXD-4W45	EHXD-7W15	EHXD-7W30	EHXD-7W45
D9C0903	2400	X	X	X						
D9C0904					X	X	X			
D9C0907								X	X	X
D9C1025	2750	X	X	X						
D9C1034					X	X	X			
D9C1037								X	X	X
D9C1033	3200	X	X	X						
D9C1104					X	X	X			
D9C1107								X	X	X
D9C1503	3750	X	X	X						
D9C1504					X	X	X			
D9C1507								X	X	X

7.5 Ton Cooler + Standard Static Direct Drive + Models: D5C2903D, D5C2904D, D5C2907D

Down Flow				
Speed Tap	CFM	CPM	FPM	BRP
T1**	0.2	1817	438	0.20
	0.4	1790	438	0.28
	0.6	1879	466	0.38
	0.8	-	-	-
T2**	0.2	2170	488	0.28
	0.4	2202	541	0.38
	0.6	2043	630	0.50
	0.8	1873	708	0.62
T3	0.2	2114	580	0.71
	0.4	2083	626	0.78
	0.6	2027	690	0.88
	0.8	2109	751	0.95
T4	0.2	2144	698	0.78
	0.4	2118	690	0.88
	0.6	2089	704	0.98
	0.8	2087	760	1.00
T5	0.2	2170	810	0.87
	0.4	2148	880	0.94
	0.6	2129	718	1.01
	0.8	2022	788	1.08
T6	0.2	2042	947	0.97
	0.4	2100	828	0.82
	0.6	2088	870	0.88
	0.8	2228	727	0.78
T7	0.2	2048	871	0.88
	0.4	2013	828	0.82
	0.6	2188	827	0.71
	0.8	2027	740	0.78
T8	0.2	2180	888	0.78
	0.4	2048	845	0.81
	0.6	1927	888	0.88
	0.8	1782	750	0.88
T9	0.2	2044	888	0.78
	0.4	2118	850	0.88
	0.6	1988	704	0.98
	0.8	1867	760	1.00
T10	0.2	2070	812	0.87
	0.4	2148	680	0.84
	0.6	2128	718	1.01
	0.8	2002	788	1.08

Horizontal Flow				
Speed Tap	CFM	CPM	FPM	BRP
T1**	0.2	1802	438	0.20
	0.4	1804	438	0.28
	0.6	1871	467	0.38
	0.8	-	-	-
T2**	0.2	2222	488	0.28
	0.4	2274	554	0.34
	0.6	2012	629	0.50
	0.8	1821	708	0.64
T3	0.2	2064	627	0.76
	0.4	2077	667	0.82
	0.6	2088	712	0.88
	0.8	2137	718	0.88
T4	0.2	2228	855	0.84
	0.4	2322	850	0.80
	0.6	2001	752	0.97
	0.8	2088	788	1.04
T5	0.2	2322	852	0.80
	0.4	2322	888	0.88
	0.6	2128	748	1.08
	0.8	2028	788	1.12
T6	0.2	2022	878	0.80
	0.4	2112	854	0.88
	0.6	2084	882	0.72
	0.8	2428	758	0.78
T7	0.2	2022	828	0.82
	0.4	2012	828	0.82
	0.6	2082	712	0.74
	0.8	2082	788	0.80
T8	0.2	2347	828	0.80
	0.4	2048	875	0.88
	0.6	2022	728	0.82
	0.8	2012	778	0.88
T9	0.2	2328	855	0.84
	0.4	2328	855	0.80
	0.6	2001	752	0.97
	0.8	2088	788	1.04
T10	0.2	2328	882	0.82
	0.4	2328	888	0.88
	0.6	2128	748	1.08
	0.8	2028	788	1.12

Dashed speed tap - Airflow for supplemental heat.

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

7.5 Ton Double • Medium Speed Direct Drive • Models: D5C350SL, D5C350AL, D5C350VL

Downflow				
Speed Tap	CFM	CPM	SPM	SHF
T1**	0.2	2022	538	0.28
	0.4	3838	933	0.52
	0.6	4758	1180	0.64
	0.8	-	-	-
	1	-	-	-
T2**	0.2	-	-	-
	0.4	-	-	-
	0.6	2730	629	0.32
	0.8	2852	720	0.38
	1	3452	838	0.40
T3**	0.2	3452	720	0.38
	0.4	3882	782	0.38
	0.6	3882	845	0.42
	0.8	3721	880	0.42
	1	3979	913	0.47
T4	0.2	4246	943	0.54
	0.4	4246	1018	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58
T5	0.2	4246	1060	0.58
	0.4	4246	1060	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58
T6	0.2	4246	1060	0.58
	0.4	4246	1060	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58
T7	0.2	4246	1060	0.58
	0.4	4246	1060	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58
T8	0.2	4246	1060	0.58
	0.4	4246	1060	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58
T9	0.2	4246	1060	0.58
	0.4	4246	1060	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58
T10	0.2	4246	1060	0.58
	0.4	4246	1060	0.58
	0.6	4246	1060	0.58
	0.8	4246	1060	0.58
	1	4246	1060	0.58

Horizontal Flow				
Speed Tap	CFM	CPM	SPM	SHF
T1**	0.2	2109	572	0.27
	0.4	3958	933	0.43
	0.6	4842	1124	0.48
	0.8	5052	124	0.48
	1	-	-	-
T2**	0.2	-	-	-
	0.4	-	-	-
	0.6	2967	729	0.32
	0.8	3078	827	0.38
	1	3688	978	0.40
T3**	0.2	3688	978	0.40
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T4	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T5	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T6	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T7	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T8	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T9	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42
T10	0.2	4222	1060	0.42
	0.4	4222	1060	0.42
	0.6	4222	1060	0.42
	0.8	4222	1060	0.42
	1	4222	1060	0.42

Grated ceiling top - Airflow for 16' perimeter rack.

** T1 and T2 are per test only.

7.5 Ton Coolest • High Static Direct Drive • Models: DSC2901W, DSC2904W, DSC2907W

Down Flow				
Speed Tap	ESP	CFM	RPM	BRP
T1	0.2	2539.8	893.8	0.37
	0.4	2598.2	898.9	0.42
	0.6	2639.4	904.4	0.46
	0.8	2680.6	910.7	0.51
	1	2821.8	921.2	0.56
	1.2	—	—	—
T2	0.2	2688.2	911.9	0.43
	0.4	2700.2	919.2	0.49
	0.6	2755.8	926.8	0.53
	0.8	2837.8	933.7	0.58
	1	2852.2	938.4	0.67
	1.2	—	—	—
T3	0.2	2721.8	924.1	0.49
	0.4	2752.8	932.8	0.56
	0.6	2805.8	941.1	0.61
	0.8	2839.7	947.2	0.67
	1	2859.9	952.4	0.73
	1.2	—	—	—
T4	0.2	2842.8	953.7	0.64
	0.4	2870.2	959.8	0.71
	0.6	2908.2	968.8	0.77
	0.8	2938.7	975.7	0.83
	1	2958.9	981.7	0.90
	1.2	—	—	—
T5	0.2	2718.7	921.7	0.58
	0.4	2888.6	938.0	0.65
	0.6	2900.2	943.8	0.71
	0.8	2945.8	952.8	0.77
	1	2991.7	961.4	0.83
	1.2	—	—	—

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BRP
T1	0.2	2555.8	893.8	0.39
	0.4	2593.7	893.7	0.44
	0.6	2650.4	892.7	0.48
	0.8	2651.0	902.4	0.53
	1	2717.1	904.1	0.58
	1.2	2852.5	943.1	0.64
T2	0.2	2687.7	909.2	0.48
	0.4	2709.1	909.2	0.53
	0.6	2702.2	908.1	0.58
	0.8	2800.6	917.2	0.63
	1	2807.1	922.2	0.68
	1.2	2799.9	931.0	0.73
T3	0.2	2804.1	917.8	0.58
	0.4	2820.8	921.1	0.63
	0.6	2841.2	928.4	0.68
	0.8	2855.1	931.8	0.73
	1	2924.7	938.7	0.78
	1.2	2923.8	953.8	0.83
T4	0.2	2849.2	952.7	0.83
	0.4	2877.8	9509.2	0.87
	0.6	2879.8	9588.8	0.93
	0.8	2733.7	958.8	0.94
	0.9	2833.5	953.7	0.99
	1.0	2843.8	963.8	1.05
T5	0.2	2884.0	958.2	1.00
	0.4	2887.4	971.9	1.05
	0.6	2894.2	971.4	1.09
	0.8	2883.8	978.8	1.13
	0.9	2888.0	978.8	1.18
	1.0	2885.5	985.4	1.23
T6	0.2	2880.1	973.7	1.23
	0.4	2900.0	980.8	1.28
	0.6	2902.8	988.1	1.33
	0.8	2873.8	988.0	1.37
	0.9	2879.4	991.8	1.42
	1.0	2884.2	997.2	1.47

7.5 Ton Coolers • High Static Duct Drive • Models: DSC0503W, DSC0504W, DSC0506W

Downflow				
Speed Tap	CFM	CFM	HPM	SWP
T6	0.2	1423.0	819.0	0.81
	0.4	1428.1	820.8	0.88
	0.6	1434.2	823.0	0.96
	0.8	1440.3	825.2	1.03
	1	1446.4	827.4	1.11
	1.2	1452.5	829.6	1.18
T7	0.2	1458.6	831.8	1.26
	0.4	1464.7	834.0	1.33
	0.6	1470.8	836.2	1.41
	0.8	1476.9	838.4	1.48
	1	1483.0	840.6	1.56
	1.2	1489.1	842.8	1.63
T8	0.2	1495.2	845.0	1.71
	0.4	1501.3	847.2	1.78
	0.6	1507.4	849.4	1.86
	0.8	1513.5	851.6	1.93
	1	1519.6	853.8	2.01
	1.2	1525.7	856.0	2.08
T9	0.2	1531.8	858.2	2.16
	0.4	1537.9	860.4	2.23
	0.6	1544.0	862.6	2.31
	0.8	1550.1	864.8	2.38
	1	1556.2	867.0	2.46
	1.2	1562.3	869.2	2.53
T10	0.2	1568.4	871.4	2.61
	0.4	1574.5	873.6	2.68
	0.6	1580.6	875.8	2.76
	0.8	1586.7	878.0	2.83
	1	1592.8	880.2	2.91
	1.2	1598.9	882.4	2.98

Horizontal Flow				
Speed Tap	CFM	CFM	HPM	SWP
T6	0.2	1388.0	800.0	0.87
	0.4	1393.1	801.8	0.94
	0.6	1398.2	803.6	1.01
	0.8	1403.3	805.4	1.07
	1	1408.4	807.2	1.14
	1.2	1413.5	809.0	1.21
T7	0.2	1418.6	811.4	1.28
	0.4	1423.7	813.2	1.35
	0.6	1428.8	815.0	1.42
	0.8	1433.9	816.8	1.48
	1	1439.0	818.6	1.55
	1.2	1444.1	820.4	1.62
T8	0.2	1449.2	822.6	1.69
	0.4	1454.3	824.4	1.76
	0.6	1459.4	826.2	1.83
	0.8	1464.5	828.0	1.89
	1	1469.6	829.8	1.96
	1.2	1474.7	831.6	2.03
T9	0.2	1479.8	833.6	2.10
	0.4	1484.9	835.4	2.17
	0.6	1490.0	837.2	2.24
	0.8	1495.1	839.0	2.30
	1	1500.2	840.8	2.37
	1.2	1505.3	842.6	2.44
T10	0.2	1510.4	844.4	2.51
	0.4	1515.5	846.2	2.58
	0.6	1520.6	848.0	2.64
	0.8	1525.7	849.8	2.71
	1	1530.8	851.6	2.78
	1.2	1535.9	853.4	2.85

Shaded speed tap - Airflow for experimental test.

** T10 and T12 are optional only.

3.5 Ton Cooler + Standard Static Direct Drive + Motors: D5C18230, D9C18240, D9C18270

Down Flow				
Speed Tap	ESP	CFM	FPM	SWP
T1**	0.2	1080	400	0.28
	0.4	1418	534	0.30
	0.6	1755	630	0.34
	0.8	-	-	-
T2**	0.2	1242	470	0.31
	0.4	1664	549	0.38
	0.6	1927	621	0.41
	0.8	-	-	-
T3	0.2	1195	432	0.32
	0.4	1186	433	0.39
	0.6	1048	708	0.38
	0.8	1818	765	1.04
T4	0.2	1818	644	1.06
	0.4	1910	691	1.12
	0.6	1401	730	1.20
	0.8	1195	786	1.27
T5	0.2	1714	636	1.11
	0.4	1810	702	1.18
	0.6	1401	740	1.27
	0.8	1401	786	1.35
T6	0.2	1114	400	0.71
	0.4	1301	480	0.78
	0.6	1337	480	0.80
	0.8	1106	522	0.82
T7	0.2	1310	480	0.74
	0.4	1194	430	0.81
	0.6	1078	711	0.87
	0.8	1340	760	0.94
T8	0.2	1401	432	0.92
	0.4	1540	470	1.00
	0.6	1118	704	1.08
	0.8	1108	714	1.16
T9	0.2	1818	644	1.04
	0.4	1810	691	1.12
	0.6	1401	730	1.20
	0.8	1206	766	1.27
T10	0.2	1714	636	1.11
	0.4	1810	702	1.18
	0.6	1401	740	1.27
	0.8	1401	786	1.35

Standard speed tap - 0.2 (0.25) for standard motor
 ** (T1) and (T2) are part load only

Horizontal Flow				
Speed Tap	ESP	CFM	FPM	SWP
T1**	0.2	1118	470	0.27
	0.4	1390	540	0.31
	0.6	1620	610	0.35
	0.8	-	-	-
T2**	0.2	1237	497	0.30
	0.4	1348	554	0.37
	0.6	1380	608	0.40
	0.8	1318	720	0.47
T3	0.2	1258	442	0.37
	0.4	1151	488	0.44
	0.6	1051	737	1.00
	0.8	1844	787	1.07
T4	0.2	1817	688	1.11
	0.4	1878	751	1.18
	0.6	1388	778	1.28
	0.8	1317	814	1.32
T5	0.2	1870	702	1.18
	0.4	1888	749	1.26
	0.6	1401	828	1.40
	0.8	1389	817	1.48
T6	0.2	1317	487	0.81
	0.4	1317	487	0.81
	0.6	1389	728	0.88
	0.8	1137	719	0.90
T7	0.2	1382	440	0.79
	0.4	1118	480	0.80
	0.6	1078	740	0.81
	0.8	1370	789	0.97
T8	0.2	1418	400	0.96
	0.4	1514	430	1.06
	0.6	1111	755	1.11
	0.8	1111	800	1.18
T9	0.2	1817	688	1.11
	0.4	1878	751	1.18
	0.6	1388	778	1.28
	0.8	1317	814	1.32
T10	0.2	1870	702	1.18
	0.4	1888	749	1.26
	0.6	1401	828	1.40
	0.8	1411	811	1.40

8.5 Ton Double • Medium Static Direct Drive • Models: DSC1815L, DSC1824L, DSC1827L

Down Flow				
Speed Tap	CFM	CPM	SPM	SHF
T1**	0.2	2228	470	0.52
	0.4	2228	518	0.58
	0.6	2228	518	0.58
	0.8	-	-	-
	1	-	-	-
T2**	0.2	-	-	-
	0.4	2418	490	0.58
	0.6	2282	508	0.63
	0.8	2110	518	0.68
	1	2074	718	0.85
T3	0.2	-	-	-
	0.4	-	-	-
	0.6	2221	514	0.59
	0.8	2428	553	0.78
	1	2521	712	1.14
T4	0.2	2538	781	1.62
	0.4	2538	813	1.82
	0.6	2528	831	1.87
	0.8	2538	838	2.08
	1	2519	880	2.27
T5	0.2	2626	748	1.48
	0.4	2733	787	1.52
	0.6	2812	808	1.61
	0.8	2828	818	1.82
	1	2828	848	1.89
T6	0.2	2882	818	1.77
	0.4	2882	848	1.77
	0.6	2882	848	1.77
	0.8	2882	848	1.77
	1	2882	848	1.77
T7	0.2	2882	848	1.77
	0.4	2882	848	1.77
	0.6	2882	848	1.77
	0.8	2882	848	1.77
	1	2882	848	1.77
T8	0.2	2882	848	1.77
	0.4	2882	848	1.77
	0.6	2882	848	1.77
	0.8	2882	848	1.77
	1	2882	848	1.77
T9	0.2	2882	848	1.77
	0.4	2882	848	1.77
	0.6	2882	848	1.77
	0.8	2882	848	1.77
	1	2882	848	1.77
T10	0.2	2882	848	1.77
	0.4	2882	848	1.77
	0.6	2882	848	1.77
	0.8	2882	848	1.77
	1	2882	848	1.77

Horizontal Flow				
Speed Tap	CFM	CPM	SPM	SHF
T1**	0.2	2228	470	0.52
	0.4	2113	518	0.58
	0.6	1902	554	0.64
	0.8	-	-	-
	1	-	-	-
T2**	0.2	-	-	-
	0.4	2418	511	0.60
	0.6	2310	558	0.68
	0.8	2188	571	0.80
	1	2008	728	0.88
T3	0.2	-	-	-
	0.4	2512	790	0.82
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T4	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T5	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T6	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T7	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T8	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T9	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88
T10	0.2	2512	818	0.88
	0.4	2512	818	0.88
	0.6	2512	818	0.88
	0.8	2512	818	0.88
	1	2512	818	0.88

Based on test tap - subject to experimental test.

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

0.5 Ton Coolest • High Static Direct Drive • Models: DSC3029W, DSC3024W, DSC3027W

Down Flow				
Speed Tap	ESP	CFM	RPM	BRP
T1**	0.2	3243	487	0.33
	0.4	3288	509	0.40
	0.6	3335	530	0.46
	0.8	3383	551	0.51
	1	-	-	-
	1.2	-	-	-
T2**	0.2	3333	512	0.40
	0.4	3400	539	0.48
	0.6	3468	566	0.55
	0.8	3538	593	0.61
	1	3603	619	0.67
	1.2	-	-	-
T3	0.2	3704	609	1.11
	0.4	3800	722	1.18
	0.6	3893	736	1.27
	0.8	3989	751	1.35
	1	4087	867	1.41
	1.2	4188	881	1.50
T4	0.2	4067	838	1.58
	0.4	4163	992	1.68
	0.6	4261	1040	1.77
	0.8	4360	711	1.87
	0.9	4460	782	1.98
	0.8	4567	788	1.97
T5	0.2	4673	802	1.79
	0.4	4781	879	1.84
	0.6	4877	881	1.94
	0.8	4978	988	2.08
	1	5088	1009	2.11
	1.2	5192	1000	2.21
T6	0.2	4787	771	1.97
	0.4	4900	781	1.88
	0.6	4929	801	1.74
	0.8	4951	809	1.82
	1	4989	882	1.81
	1.2	5094	928	1.91
T7	0.2	5089	871	2.11
	0.4	5194	971	2.21
	0.6	5291	971	2.31
	0.8	5391	1000	2.41
	1	5491	1000	2.51
	1.2	5591	1000	2.61

Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BRP
T1**	0.2	3213	523	0.37
	0.4	3248	539	0.43
	0.6	3285	545	0.48
	0.8	3327	558	0.52
	1	-	-	-
	1.2	-	-	-
T2**	0.2	3348	559	0.48
	0.4	3400	569	0.51
	0.6	3457	586	0.58
	0.8	3508	597	0.63
	1	3567	601	0.68
	1.2	3630	603	0.73
T3	0.2	3870	701	1.18
	0.4	3949	749	1.19
	0.6	4037	780	1.23
	0.8	4118	828	1.28
	1	4204	880	1.32
	1.2	4278	810	1.38
T4	0.2	4094	812	1.48
	0.4	4188	1018	1.73
	0.6	4287	1080	1.81
	0.8	4380	759	1.81
	0.9	4480	820	1.88
	0.8	4580	880	1.93
T5	0.2	4680	880	1.93
	0.4	4780	980	2.03
	0.6	4880	1080	2.13
	0.8	4980	1080	2.23
	1	5080	1080	2.33
	1.2	5180	1080	2.43

8.5 Ton Coolers • High Static Direct Drive • Models: DSC1037W, DSC1024W, DSC1037W

Direct Flow				
Speed Tap	CFM	CPM	WPM	BHP
T6	0.2	3858	9.57	1.28
	0.4	3240	8.29	1.14
	0.6	2430	7.42	1.03
	0.8	2027	7.08	1.02
	1	2227	8.08	1.28
	1.2	2027	8.57	1.48
T7	0.2	2878	8.23	1.08
	0.4	2478	8.93	1.05
	0.6	2178	9.93	1.05
	0.8	2027	10.43	1.13
	1	2878	8.70	1.31
	1.2	2728	7.15	1.29
T8	0.2	2878	7.80	1.37
	0.4	2878	8.00	1.45
	1	2421	8.51	1.55
	1.2	2878	8.89	1.65
	1.4	3187	9.44	1.72
	1.6	2992	9.94	1.79
T9	0.2	2878	10.43	1.88
	0.4	2878	9.98	1.93
	0.6	2878	7.78	1.40
	0.8	2728	7.73	1.48
	1	2878	8.10	1.56
	1.2	3344	8.80	1.88
T10	0.2	3344	8.28	1.74
	0.4	3240	8.51	1.87
	0.6	3187	9.87	1.91
	0.8	3083	10.48	2.00
	1	3344	7.15	1.82
	1.2	3344	7.83	1.88
T11	0.2	2878	7.80	1.67
	0.4	2878	8.52	1.78
	0.6	2878	8.78	1.89
	0.8	2878	8.78	1.95
	1	3781	8.78	2.39
	1.2	3677	8.21	2.34
T12	0.2	3781	8.89	2.35
	0.4	3678	10.24	2.41
	0.6	3523	10.93	2.53
	0.8	3428	7.80	2.08
	1	3781	7.80	2.12
	1.2	3781	8.28	2.21
T13	0.2	3781	8.28	2.19
	0.4	3781	8.28	2.19
	0.6	3781	8.28	2.19
	0.8	3781	8.28	2.19
	1	4523	8.28	2.19
	1.2	4523	8.28	2.19
T14	0.2	3781	8.28	2.19
	0.4	3781	8.28	2.19
	0.6	3781	8.28	2.19
	0.8	3781	8.28	2.19
	1	4523	8.28	2.19
	1.2	4523	8.28	2.19

Speed tap 0.2 = 1/2 inch for standard 1/2 inch tap.

** (T1) and (T2) are not used only.

Horizontal Flow				
Speed Tap	CFM	CPM	WPM	BHP
T6	0.2	3858	9.57	1.28
	0.4	3240	8.29	1.14
	0.6	2430	7.42	1.03
	0.8	2027	7.08	1.02
	1	2227	8.08	1.44
	1.2	2148	8.08	1.48
T7	0.2	2878	8.23	1.08
	0.4	2478	8.93	1.05
	0.6	2178	9.93	1.05
	0.8	2027	10.43	1.13
	1	2878	8.70	1.31
	1.2	2728	7.15	1.28
T8	0.2	2878	7.80	1.37
	0.4	2878	8.00	1.45
	0.6	2878	8.00	1.45
	0.8	2878	8.00	1.45
	1	2421	8.51	1.55
	1.2	2878	8.89	1.65
T9	0.2	2878	10.43	1.88
	0.4	2878	9.98	1.93
	0.6	2878	7.78	1.40
	0.8	2728	7.73	1.48
	1	2878	8.10	1.56
	1.2	3344	8.80	1.88
T10	0.2	3344	8.28	1.74
	0.4	3240	8.51	1.87
	0.6	3187	9.87	1.91
	0.8	3083	10.48	2.00
	1	3344	8.10	1.82
	1.2	3344	8.80	1.88
T11	0.2	2878	7.80	1.67
	0.4	2878	8.52	1.78
	0.6	2878	8.78	1.89
	0.8	2878	8.78	1.95
	1	3781	8.78	2.39
	1.2	3677	8.21	2.34
T12	0.2	3781	8.89	2.35
	0.4	3678	10.24	2.41
	0.6	3523	10.93	2.53
	0.8	3428	7.80	2.08
	1	3781	7.80	2.12
	1.2	3781	8.28	2.21
T13	0.2	3781	8.28	2.19
	0.4	3781	8.28	2.19
	0.6	3781	8.28	2.19
	0.8	3781	8.28	2.19
	1	4523	8.28	2.19
	1.2	4523	8.28	2.19
T14	0.2	3781	8.28	2.19
	0.4	3781	8.28	2.19
	0.6	3781	8.28	2.19
	0.8	3781	8.28	2.19
	1	4523	8.28	2.19
	1.2	4523	8.28	2.19

10 Ton Cooler • Standard Static Direct Drive • Models: D4C12090, D4C12040, D5C12070

Down Flow				
Speed Tap	ESP	CFM	SPM	SWP
T1**	0.2	1124	424	0.24
	0.4	—	—	—
	0.6	—	—	—
	0.8	—	—	—
T2**	0.2	2471	487	0.34
	0.4	2285	545	0.40
	0.6	—	—	—
	0.8	—	—	—
T3	0.2	3888	579	0.55
	0.4	3437	642	0.64
	0.6	3284	701	0.70
	0.8	3280	751	0.72
T4	0.2	4220	627	0.78
	0.4	4052	701	0.88
	0.6	4022	745	0.93
	0.8	3820	789	0.98
T5	0.2	4628	689	0.97
	0.4	4297	731	1.04
	0.6	4121	753	1.07
	0.8	4021	824	1.07
T6	0.2	5120	825	0.90
	0.4	3820	825	1.04
	0.6	3412	732	1.10
	0.8	3297	794	1.11
T7	0.2	5880	825	0.98
	0.4	3820	825	1.08
	0.6	3782	792	1.18
	0.8	3871	762	1.24
T8	0.2	4381	945	1.18
	0.4	4081	700	1.38
	0.6	3999	745	1.47
	0.8	3881	793	1.57
T9	0.2	4220	847	1.29
	0.4	4038	791	1.38
	0.6	4010	745	1.48
	0.8	3820	799	1.58
T10	0.2	4220	825	1.17
	0.4	4027	711	1.48
	0.6	4122	753	1.57
	0.8	4015	824	1.67

Values exceed fan • 100% for maximum fan
 ** (T1) and (T2) are part load only

Horizontal Flow				
Speed Tap	ESP	CFM	SPM	SWP
T1**	0.2	2289	440	0.24
	0.4	—	—	—
	0.6	—	—	—
	0.8	—	—	—
T2**	0.2	2297	475	0.25
	0.4	2145	575	0.42
	0.6	—	—	—
	0.8	—	—	—
T3	0.2	3418	596	0.57
	0.4	3326	650	0.64
	0.6	3245	717	0.70
	0.8	3220	768	0.72
T4	0.2	4220	671	0.77
	0.4	3910	712	0.81
	0.6	3825	764	0.83
	0.8	3712	828	0.81
T5	0.2	4128	682	0.83
	0.4	4021	721	0.90
	0.6	3827	772	0.91
	0.8	3828	817	0.97
T6	0.2	3272	812	0.98
	0.4	3472	822	1.06
	0.6	3329	732	1.12
	0.8	3201	776	1.23
T7	0.2	3528	846	1.00
	0.4	3742	890	1.09
	0.6	3687	747	1.18
	0.8	3485	794	1.28
T8	0.2	4016	899	1.01
	0.4	3840	706	1.40
	0.6	3812	760	1.51
	0.8	3702	808	1.60
T9	0.2	4026	871	1.03
	0.4	3910	710	1.41
	0.6	3823	764	1.52
	0.8	3712	809	1.61
T10	0.2	4128	833	1.42
	0.4	4001	721	1.53
	0.6	3927	772	1.61
	0.8	3818	817	1.70

10 Ton Coilize • Medium Static Direct Drive • Models: USC120SL, USC120ML, USC120PL

Downflow				
Speed Tap	CFM	CPM	EPM	SWP
T1**	0.2	2073	487	0.34
	0.4	2222	518	0.52
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
T2**	0.2	-	-	-
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
T3	0.2	2729	499	0.45
	0.4	2893	519	0.53
	0.6	3051	533	0.61
	0.8	3205	547	0.68
	1	-	-	-
T4	0.2	3361	561	0.75
	0.4	3529	582	0.82
	0.6	3691	596	0.89
	0.8	3849	610	0.96
	1	-	-	-
T5	0.2	3999	623	1.01
	0.4	4173	645	1.12
	0.6	4341	661	1.20
	0.8	4505	675	1.27
	1	-	-	-
T6	0.2	4655	689	1.32
	0.4	4835	711	1.43
	0.6	5009	727	1.51
	0.8	5177	741	1.58
	1	-	-	-
T7	0.2	5325	755	1.63
	0.4	5509	777	1.74
	0.6	5681	793	1.82
	0.8	5849	807	1.89
	1	-	-	-
T8	0.2	5995	821	1.94
	0.4	6183	843	2.05
	0.6	6355	859	2.13
	0.8	6523	873	2.20
	1	-	-	-
T9	0.2	6669	887	2.25
	0.4	6861	909	2.36
	0.6	7029	925	2.44
	0.8	7193	939	2.51
	1	-	-	-
T10	0.2	7337	953	2.56
	0.4	7533	975	2.67
	0.6	7701	991	2.75
	0.8	7865	1005	2.82
	1	-	-	-

Horizontal Flow				
Speed Tap	CFM	CPM	EPM	SWP
T1**	0.2	2067	479	0.34
	0.4	2216	509	0.52
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
T2**	0.2	-	-	-
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
T3	0.2	2707	501	0.45
	0.4	2871	521	0.53
	0.6	3029	535	0.61
	0.8	3183	549	0.68
	1	-	-	-
T4	0.2	3329	551	0.75
	0.4	3499	571	0.82
	0.6	3659	585	0.89
	0.8	3813	599	0.96
	1	-	-	-
T5	0.2	3969	601	1.01
	0.4	4143	621	1.12
	0.6	4311	635	1.20
	0.8	4475	649	1.27
	1	-	-	-
T6	0.2	4619	651	1.32
	0.4	4803	671	1.43
	0.6	4971	685	1.51
	0.8	5135	699	1.58
	1	-	-	-
T7	0.2	5289	701	1.63
	0.4	5473	721	1.74
	0.6	5641	735	1.82
	0.8	5805	749	1.89
	1	-	-	-
T8	0.2	5959	751	1.94
	0.4	6143	771	2.05
	0.6	6311	785	2.13
	0.8	6475	799	2.20
	1	-	-	-
T9	0.2	6609	801	2.25
	0.4	6793	821	2.36
	0.6	6961	835	2.44
	0.8	7125	849	2.51
	1	-	-	-
T10	0.2	7279	851	2.56
	0.4	7463	871	2.67
	0.6	7631	885	2.75
	0.8	7795	899	2.82
	1	-	-	-

Shaded speed tap - Not for supplemental heat.

** T1 and T2 are per lead only

10 Ton Capacity • High Static Direct Drive • Models: DSC1105W, DSC1104W, DSC1107W

Down Flow				
Speed Tap	CFM	HP	WPM	WHP
T1**	0.2	3387	471	0.33
	0.4	2423	888	0.46
	0.6	2087	1024	0.54
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
T2**	0.2	-	-	-
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
T3**	0.2	3877	828	0.80
	0.4	2723	1011	0.97
	0.6	2482	1087	0.98
	0.8	2028	721	0.70
	1	1024	783	0.77
	1.2	-	-	-
T4	0.2	-	-	-
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
T5	0.2	3888	823	1.11
	0.4	2682	881	1.11
	0.6	2387	788	1.05
	0.8	2077	784	1.08
	1	1482	949	1.51
	1.2	1081	888	1.00
T6	0.2	3117	872	1.74
	0.4	2082	1024	1.82
	0.6	1888	1082	1.81
	0.8	1588	1082	1.81
	1	1024	711	1.82
	1.2	711	711	1.81
T7	0.2	4524	711	1.82
	0.4	3117	881	1.81
	0.6	2882	828	1.82
	0.8	2578	849	1.87
	1	1828	884	1.88
	1.2	1284	887	1.88
T8	0.2	4187	881	2.01
	0.4	3028	1028	2.01
	0.6	2788	1028	2.01
	0.8	2488	1028	2.01
	1	1828	1028	2.01
	1.2	1284	1028	2.01
T9	0.2	4247	1028	2.78
	0.4	3028	1078	2.80
	0.6	2828	1078	2.80
	0.8	2528	1078	2.80
	1	1828	1078	2.80
	1.2	1284	1078	2.80

Horizontal Flow				
Speed Tap	CFM	HP	WPM	WHP
T1**	0.2	3228	488	0.33
	0.4	2274	888	0.48
	0.6	2028	1024	0.53
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
T2**	0.2	-	-	-
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
T3	0.2	3778	810	0.91
	0.4	2682	928	0.98
	0.6	2478	1011	0.98
	0.8	2078	721	0.70
	1	1024	783	0.77
	1.2	-	-	-
T4	0.2	3823	847	1.10
	0.4	2710	882	1.10
	0.6	2418	787	1.03
	0.8	2021	794	1.04
	1	1477	971	1.48
	1.2	1070	882	1.00
T5	0.2	3018	881	1.74
	0.4	2082	1028	1.82
	0.6	1888	1082	1.81
	0.8	1588	1082	1.81
	1	1024	711	1.82
	1.2	711	711	1.81
T6	0.2	4511	744	1.82
	0.4	3118	884	1.81
	0.6	2882	828	1.82
	0.8	2588	849	1.87
	1	1828	884	1.88
	1.2	1284	887	1.88
T7	0.2	4188	881	2.01
	0.4	3028	1028	2.01
	0.6	2788	1028	2.01
	0.8	2488	1028	2.01
	1	1828	1028	2.01
	1.2	1284	1028	2.01
T8	0.2	4248	1028	2.78
	0.4	3028	1078	2.80
	0.6	2828	1078	2.80
	0.8	2528	1078	2.80
	1	1828	1078	2.80
	1.2	1284	1078	2.80

10 Ton Cooler • High Static Direct Drive • Models: D5C1203W, D5C1204W, D5C1207W

Down Flow				
Speed Tap	CFM	CPM	WPM	BHP
T6	0.2	3379	637	1.08
	0.4	3737	810	1.19
	0.6	3861	732	1.21
	0.8	3539	719	1.22
	1	3329	645	1.42
	1.2	3229	593	1.52
T7	0.2	3339	599	1.05
	0.4	3699	772	1.16
	0.6	3823	694	1.18
	0.8	3501	681	1.19
	1	3291	607	1.39
	1.2	3191	555	1.49
T8	0.2	3299	561	1.02
	0.4	3659	734	1.13
	0.6	3783	656	1.15
	0.8	3461	643	1.16
	1	3251	569	1.36
	1.2	3151	517	1.46
T9	0.2	3259	523	0.99
	0.4	3619	696	1.10
	0.6	3743	618	1.12
	0.8	3421	605	1.13
	1	3211	531	1.33
	1.2	3111	479	1.43
T10	0.2	3219	485	0.96
	0.4	3579	658	1.07
	0.6	3703	580	1.09
	0.8	3381	567	1.10
	1	3171	493	1.30
	1.2	3071	441	1.40
T12	0.2	3179	447	0.93
	0.4	3539	620	1.04
	0.6	3663	542	1.06
	0.8	3341	529	1.07
	1	3131	455	1.27
	1.2	3031	403	1.37

Horizontal Flow				
Speed Tap	CFM	CPM	WPM	BHP
T6	0.2	3719	833	1.28
	0.4	3929	879	1.39
	0.6	3459	729	1.34
	0.8	3571	789	1.32
	1	3129	694	1.43
	1.2	2929	629	1.58
T7	0.2	3789	879	1.39
	0.4	3999	925	1.50
	0.6	3529	775	1.45
	0.8	3641	835	1.43
	1	3209	740	1.54
	1.2	3009	675	1.69
T8	0.2	3749	841	1.36
	0.4	3959	887	1.47
	0.6	3489	737	1.42
	0.8	3601	797	1.40
	1	3169	702	1.51
	1.2	2969	637	1.66
T9	0.2	3709	803	1.33
	0.4	3919	849	1.44
	0.6	3449	699	1.39
	0.8	3561	759	1.37
	1	3129	664	1.48
	1.2	2929	599	1.63
T10	0.2	3669	765	1.30
	0.4	3879	811	1.41
	0.6	3409	659	1.36
	0.8	3521	719	1.34
	1	3089	624	1.45
	1.2	2889	559	1.60
T12	0.2	3629	727	1.27
	0.4	3839	773	1.38
	0.6	3369	623	1.33
	0.8	3481	683	1.31
	1	3049	588	1.42
	1.2	2849	523	1.57

In rated speed tap - Airflow for maximum heat.

** T6 and T12 are wet load only.

12.5 Ton Cooler • Standard Static Direct Drive • Models: DSC15050, DSC15040, DSC15070

Down Flow				
Speed Tap	CFP	CFM	SPM	SWP
T1**	0.2	2138	654	0.28
	0.4	1880	569	0.21
	0.6	1622	527	0.27
	0.8	1323	710	0.40
T2**	0.2	2021	681	0.27
	0.4	2255	588	0.44
	0.6	1877	809	0.51
	0.8	1781	733	0.55
T3	0.2	4275	700	1.49
	0.4	4282	740	1.55
	0.6	4300	787	1.60
	0.8	4247	840	1.80
T4	0.2	4555	781	2.06
	0.4	4751	808	2.18
	0.6	4678	845	2.28
	0.8	4601	888	2.39
T5	0.2	4854	770	2.34
	0.4	4943	821	2.38
	0.6	4782	881	2.42
	0.8	4675	891	2.49
T6	0.2	4873	700	1.49
	0.4	4282	740	1.55
	0.6	4220	787	1.60
	0.8	4047	840	1.80
T7	0.2	4922	737	1.62
	0.4	4813	788	1.64
	0.6	4425	812	1.73
	0.8	4204	883	1.94
T8	0.2	4739	743	1.65
	0.4	4629	782	1.67
	0.6	4544	837	2.07
	0.8	4440	872	2.39
T9	0.2	4885	781	2.29
	0.4	4781	809	2.15
	0.6	4476	846	2.29
	0.8	4401	886	2.35
T10	0.2	4994	770	2.14
	0.4	4882	821	2.29
	0.6	4792	861	2.40
	0.8	4473	885	2.45

Horizontal Flow				
Speed Tap	CFP	CFM	SPM	SWP
T1**	0.2	2119	682	0.28
	0.4	1828	594	0.20
	0.6	1628	628	0.23
	0.8	1323	882	0.38
T2**	0.2	2047	608	0.25
	0.4	2212	712	0.40
	0.6	2015	820	0.48
	0.8	1815	712	0.54
T3	0.2	4228	726	1.57
	0.4	4111	777	1.58
	0.6	4102	818	1.74
	0.8	4012	885	1.93
T4	0.2	4754	805	2.17
	0.4	4687	842	2.17
	0.6	4614	881	2.27
	0.8	4532	920	2.45
T5	0.2	4880	818	2.27
	0.4	4788	851	2.27
	0.6	4681	881	2.42
	0.8	4588	920	2.59
T6	0.2	4338	738	1.57
	0.4	4217	771	1.58
	0.6	4103	808	1.74
	0.8	4012	882	1.93
T7	0.2	4482	788	1.64
	0.4	4412	828	1.73
	0.6	4328	845	1.80
	0.8	4228	884	1.99
T8	0.2	4612	782	1.65
	0.4	4540	821	1.66
	0.6	4465	860	2.13
	0.8	4382	889	2.23
T9	0.2	4754	805	2.17
	0.4	4687	842	2.17
	0.6	4614	881	2.27
	0.8	4531	920	2.45
T10	0.2	4860	825	2.17
	0.4	4768	861	2.27
	0.6	4681	892	2.45
	0.8	4588	920	2.55

Shaded speed tap - Airflow for supply/main room.

** T1 and T2 are part load only.

12.5 Ton Coilset • Medium Static Direct Drive • Models: D5C1501L, D5C1504L, D5C1507L

Down Flow				
Speed Tap	CFM	CPM	SPM	SWP
T1**	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T2**	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T3	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T4	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T5	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T6	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T7	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T8	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T9	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08
T10	0.2	2045	453	0.28
	0.4	2045	907	0.48
	0.6	2045	1360	0.68
	0.8	2045	1813	0.88
	1.0	2045	2267	1.08

Horizontal Flow				
Speed Tap	CFM	CPM	SPM	SWP
T1**	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T2**	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T3	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T4	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T5	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T6	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T7	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T8	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T9	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43
T10	0.2	2045	453	0.43
	0.4	2045	907	0.68
	0.6	2045	1360	0.93
	0.8	2045	1813	1.18
	1.0	2045	2267	1.43

Standard speed tap - 0.75 for 12.5 ton coilset.

** T1 and T2 are not used only.

12.5 Ton Coiler • High Static Direct Drive • Models: Models: D5C130RW, D5C150RW, D5C150TW

Down Flow				
Speed Tap	ESP	CFM	HPM	SWP
T1**	0.2	3783	828	0.47
	0.4	3552	852	0.52
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2**	0.2	3892	852	0.50
	0.4	3652	872	0.55
	0.6	3422	892	0.72
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T3	0.2	4002	872	0.53
	0.4	3752	892	0.58
	0.6	3522	912	0.77
	0.8	3282	932	0.97
	1	3042	952	1.18
	1.2	2802	972	1.31
	1.4	2562	992	1.45
	1.6	2322	1012	1.58
T4	0.2	4112	892	0.56
	0.4	3862	912	0.61
	0.6	3632	932	0.81
	0.8	3392	952	1.01
	1	3152	972	1.21
	1.2	2912	992	1.35
	1.4	2672	1012	1.49
	1.6	2432	1032	1.62
T5	0.2	4222	912	0.59
	0.4	3972	932	0.64
	0.6	3742	952	0.84
	0.8	3502	972	1.04
	1	3262	992	1.24
	1.2	3022	1012	1.38
	1.4	2782	1032	1.52
	1.6	2542	1052	1.65

Horizontal Flow				
Speed Tap	ESP	CFM	HPM	SWP
T1**	0.2	3828	828	0.48
	0.4	-	-	-
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T2**	0.2	3938	852	0.51
	0.4	3698	872	0.56
	0.6	-	-	-
	0.8	-	-	-
	1	-	-	-
	1.2	-	-	-
	1.4	-	-	-
	1.6	-	-	-
T3	0.2	4048	872	0.54
	0.4	3808	892	0.59
	0.6	3578	912	0.79
	0.8	3338	932	1.00
	1	3098	952	1.20
	1.2	2858	972	1.34
	1.4	2618	992	1.48
	1.6	2378	1012	1.61
T4	0.2	4158	892	0.57
	0.4	3918	912	0.62
	0.6	3688	932	0.82
	0.8	3448	952	1.02
	1	3208	972	1.22
	1.2	2968	992	1.36
	1.4	2728	1012	1.50
	1.6	2488	1032	1.63
T5	0.2	4268	912	0.60
	0.4	4028	932	0.65
	0.6	3798	952	0.85
	0.8	3558	972	1.05
	1	3318	992	1.25
	1.2	3078	1012	1.39
	1.4	2838	1032	1.53
	1.6	2598	1052	1.66

12.5 Ton Coolers • High Static Direct Drive • Models: Models: D5C1503W, D5C1504R, D5C1507W

Down Flow					Horizontal Flow				
Speed Tap	ESP	CFM	RPM	BHP	Speed Tap	ESP	CFM	RPM	BHP
T6	0.2	2082	784	1.24	T6	0.2	4892	848	1.22
	0.4	2082	812	1.14		0.4	4892	878	1.28
	0.6	4892	832	1.22		0.6	4892	912	1.32
	0.8	4878	910	1.24		0.8	4740	912	1.47
	1	4788	910	1.48		1	4807	938	1.80
	1.2	4892	987	1.38		1.2	4812	1002	1.70
	1.4	4492	1040	1.71		1.4	4907	1008	1.85
	1.6	4338	1088	1.88		1.6	4820	1138	1.88
T7	1.8	4082	1128	1.87	T7	1.8	4888	1181	1.87
	0.2	3082	812	1.38		0.2	5100	890	1.38
	0.4	3082	837	1.48		0.4	5100	917	1.87
	0.6	3228	880	1.48		0.6	5124	944	1.78
	0.8	5188	910	1.72		0.8	5040	984	1.88
	1	5098	970	1.88		1	4912	1007	1.88
	1.2	4842	1008	1.87		1.2	4844	1088	1.88
	1.4	4812	1062	1.88		1.4	4888	1138	1.72
T8	1.6	4828	1128	1.29	T8	1.6	4888	1168	1.89
	0.2	4478	1142	1.55		1.8	4271	1188	1.48
	0.4	3882	918	1.88		0.2	5108	917	1.88
	0.6	3882	980	1.77		0.4	5078	944	1.88
	0.8	5487	914	1.87		0.6	5017	970	1.88
	1	5387	981	1.88		0.8	5028	1008	1.77
	1.2	5082	981	1.11		1	5124	1048	1.88
	1.4	5181	1087	1.28		1.2	5088	1081	1.40
T9	1.8	5088	1087	1.88	T9	1.4	4818	1101	1.82
	0.2	4878	1128	1.55		1.6	4818	1128	1.84
	0.4	4784	1184	1.82		1.8	4878	1207	1.78
	0.6	5048	918	1.84		0.2	5040	984	1.84
	0.8	5048	980	1.81		0.4	5488	988	1.12
	1	5882	918	1.88		0.6	5108	1008	1.88
	1.2	5488	980	1.18		0.8	5027	1031	1.24
	1.4	5431	1033	1.18		1	5124	1058	1.48
T10	1.6	5878	1088	1.65	T10	1.2	5108	1088	1.87
	1.8	5888	1088	1.85		1.4	5028	1101	1.78
	1.8	5028	1181	1.85		1.6	4978	1188	1.87
	0.2	4888	1181	1.78		1.8	4784	1211	1.88
	0.4	5248	872	1.87		0.2	5028	948	1.12
	0.6	5787	838	1.38		0.4	5888	978	1.87
	0.8	5877	910	1.21		0.6	5884	1008	1.48
	1	5881	977	1.25		0.8	5417	1031	1.24
T12	1	5831	1018	1.48	T12	1	5578	1073	1.88
	0.2	5882	1088	1.88		1.2	5488	1088	1.77
	0.4	5272	1081	1.73		1.4	5181	1142	1.88
	0.6	5181	1188	1.87		1.6	5288	1178	1.88
	0.8	5028	1287	1.88		1.8	4907	1218	1.18

Shaded speed tap - 40% for supplemental heat

** (T6) and (T7) are per lead only

13-42-3 VCM6		
Równowaga równowagi ciśnienia wody		
Cabinat	CMR	SP in. wg.
1.2 Ton	2100	80
	3000	20
	2700	11
4.5 Ton	3000	20
	3400	12
	4100	18
10 Ton	4000	28
	4500	12
	5000	20
12.5 Ton	4700	14
	5100	19
	6100	40

13-42-3 VCM6		
Równowaga równowagi ciśnienia wody		
Cabinat	CMR	SP in. wg.
1.2 Ton	2130	80
	3000	20
	2700	11
4.5 Ton	3000	20
	3400	12
	4100	18
10 Ton	4000	28
	4500	12
	5000	20
12.5 Ton	4700	14
	5100	19
	6100	40

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Power Conversion Outlet	Optional Power Demand	Power Supply		
		COV	HLA	HLB	COV	HP	FLA	115V	300FLA	PA01-5	20W	FLA	FLA			FLA	WCC	WCCP
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	15.6/22.4	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	40.0/40.1	80/80
											-	-	-	-	-	-	15.7/25.4	30/30
											-	-	-	-	-	-	40.1/41.4	80/80
											-	-	-	-	-	-	40.1/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.1/40.1	80/80
											-	-	-	-	-	-	15.8/26.8	30/30
											-	-	-	-	-	-	40.2/41.4	80/80
											-	-	-	-	-	-	40.2/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.2/40.1	80/80
											-	-	-	-	-	-	15.9/27.1	30/30
											-	-	-	-	-	-	40.3/41.4	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	15.9/27.1	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	40.3/41.4	80/80
											-	-	-	-	-	-	40.3/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.3/40.1	80/80
											-	-	-	-	-	-	16.0/27.4	30/30
											-	-	-	-	-	-	40.4/41.4	80/80
											-	-	-	-	-	-	40.4/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.4/40.1	80/80
											-	-	-	-	-	-	16.1/27.7	30/30
											-	-	-	-	-	-	40.5/41.4	80/80
											-	-	-	-	-	-	40.5/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.5/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	16.2/28.0	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	40.6/41.4	80/80
											-	-	-	-	-	-	40.6/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.6/40.1	80/80
											-	-	-	-	-	-	16.3/28.3	30/30
											-	-	-	-	-	-	40.7/41.4	80/80
											-	-	-	-	-	-	40.7/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.7/40.1	80/80
											-	-	-	-	-	-	16.4/28.6	30/30
											-	-	-	-	-	-	40.8/41.4	80/80
											-	-	-	-	-	-	40.8/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.8/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	16.5/28.9	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	40.9/41.4	80/80
											-	-	-	-	-	-	40.9/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	40.9/40.1	80/80
											-	-	-	-	-	-	16.6/29.2	30/30
											-	-	-	-	-	-	41.0/41.4	80/80
											-	-	-	-	-	-	41.0/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.0/40.1	80/80
											-	-	-	-	-	-	16.7/29.5	30/30
											-	-	-	-	-	-	41.1/41.4	80/80
											-	-	-	-	-	-	41.1/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.1/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	16.8/30.4	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	41.2/41.4	80/80
											-	-	-	-	-	-	41.2/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.2/40.1	80/80
											-	-	-	-	-	-	16.9/30.7	30/30
											-	-	-	-	-	-	41.3/41.4	80/80
											-	-	-	-	-	-	41.3/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.3/40.1	80/80
											-	-	-	-	-	-	17.0/31.0	30/30
											-	-	-	-	-	-	41.4/41.4	80/80
											-	-	-	-	-	-	41.4/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.4/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	17.1/31.3	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	41.5/41.4	80/80
											-	-	-	-	-	-	41.5/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.5/40.1	80/80
											-	-	-	-	-	-	17.2/31.6	30/30
											-	-	-	-	-	-	41.6/41.4	80/80
											-	-	-	-	-	-	41.6/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.6/40.1	80/80
											-	-	-	-	-	-	17.3/31.9	30/30
											-	-	-	-	-	-	41.7/41.4	80/80
											-	-	-	-	-	-	41.7/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.7/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	17.4/32.2	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	41.8/41.4	80/80
											-	-	-	-	-	-	41.8/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.8/40.1	80/80
											-	-	-	-	-	-	17.5/32.5	30/30
											-	-	-	-	-	-	41.9/41.4	80/80
											-	-	-	-	-	-	41.9/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	41.9/40.1	80/80
											-	-	-	-	-	-	17.6/32.8	30/30
											-	-	-	-	-	-	42.0/41.4	80/80
											-	-	-	-	-	-	42.0/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.0/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	17.7/33.1	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	42.1/41.4	80/80
											-	-	-	-	-	-	42.1/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.1/40.1	80/80
											-	-	-	-	-	-	17.8/33.4	30/30
											-	-	-	-	-	-	42.2/41.4	80/80
											-	-	-	-	-	-	42.2/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.2/40.1	80/80
											-	-	-	-	-	-	17.9/33.7	30/30
											-	-	-	-	-	-	42.3/41.4	80/80
											-	-	-	-	-	-	42.3/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.3/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	18.0/34.0	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	42.4/41.4	80/80
											-	-	-	-	-	-	42.4/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.4/40.1	80/80
											-	-	-	-	-	-	18.1/34.3	30/30
											-	-	-	-	-	-	42.5/41.4	80/80
											-	-	-	-	-	-	42.5/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.5/40.1	80/80
											-	-	-	-	-	-	18.2/34.6	30/30
											-	-	-	-	-	-	42.6/41.4	80/80
											-	-	-	-	-	-	42.6/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.6/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	18.3/34.9	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	42.7/41.4	80/80
											-	-	-	-	-	-	42.7/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.7/40.1	80/80
											-	-	-	-	-	-	18.4/35.2	30/30
											-	-	-	-	-	-	42.8/41.4	80/80
											-	-	-	-	-	-	42.8/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.8/40.1	80/80
											-	-	-	-	-	-	18.5/35.5	30/30
											-	-	-	-	-	-	42.9/41.4	80/80
											-	-	-	-	-	-	42.9/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	42.9/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	18.6/35.8	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	43.0/41.4	80/80
											-	-	-	-	-	-	43.0/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.0/40.1	80/80
											-	-	-	-	-	-	18.7/36.1	30/30
											-	-	-	-	-	-	43.1/41.4	80/80
											-	-	-	-	-	-	43.1/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.1/40.1	80/80
											-	-	-	-	-	-	18.8/36.4	30/30
											-	-	-	-	-	-	43.2/41.4	80/80
											-	-	-	-	-	-	43.2/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.2/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	18.9/36.7	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	43.3/41.4	80/80
											-	-	-	-	-	-	43.3/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.3/40.1	80/80
											-	-	-	-	-	-	19.0/37.0	30/30
											-	-	-	-	-	-	43.4/41.4	80/80
											-	-	-	-	-	-	43.4/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.4/40.1	80/80
											-	-	-	-	-	-	19.1/37.3	30/30
											-	-	-	-	-	-	43.5/41.4	80/80
											-	-	-	-	-	-	43.5/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.5/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	19.2/37.6	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	43.6/41.4	80/80
											-	-	-	-	-	-	43.6/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.6/40.1	80/80
											-	-	-	-	-	-	19.3/37.9	30/30
											-	-	-	-	-	-	43.7/41.4	80/80
											-	-	-	-	-	-	43.7/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.7/40.1	80/80
											-	-	-	-	-	-	19.4/38.2	30/30
											-	-	-	-	-	-	43.8/41.4	80/80
											-	-	-	-	-	-	43.8/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.8/40.1	80/80
25C3990	120/240/3/60	2	31.1	120	2	0.68	2.0	1	1.4	4.0	-	-	-	-	-	19.5/38.5	30/30	
											0.6/0.7	-	-	0.6/0.7	-	-	43.9/41.4	80/80
											-	-	-	-	-	-	43.9/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	43.9/40.1	80/80
											-	-	-	-	-	-	19.6/38.8	30/30
											-	-	-	-	-	-	44.0/41.4	80/80
											-	-	-	-	-	-	44.0/40.1	80/80
											0.6/0.7	-	-	0.6/0.7	-	-	44.0/40.1	

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor		Optional Electric Heat			Optional Pooled Condensate Outlet	Optional Power Exhaust	Power Supply		
		QTY	RA	URA	QTY	HP	FLA	TYP	WFLA	HP/FLA	QTY	QTY*	FLA	FLA	FLA	WCA	WOP
05C086AL	480 V/3W	3	5.6	33.3	3	3.38	3.85	1	3.4	3.4	3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
05C086AL	480 V/3W	3	5.6	33.3	3	3.38	3.85	1	3.4	3.4	3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
05C086AL	480 V/3W	3	5.6	33.3	3	3.38	3.85	1	3.4	3.4	3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
05C086AL	480 V/3W	3	5.6	33.3	3	3.38	3.85	1	3.4	3.4	3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
05C086AL	480 V/3W	3	5.6	33.3	3	3.38	3.85	1	3.4	3.4	3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
											3-1/2" x 11-1/2"	33.0	34.0	-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24
														-	-	23.0	24

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor		Optional Electric Heat			Optional PowerCooled Compressor Defrost	Optional Power Lockout	Power Supply	
		PH	HL	LA	CH	HP	PA	TYPE	NAT/LS	PH1/2	SW	PL	PL	PL	WVA	WVr
25C007H	575/240	3	1.6	40.0	2	33A	0.87	1	1.4	4.0	—	—	—	—	20.2	20
													2.5	—	21.2	20
													—	1.3	22.8	20
													2.3	1.3	22.7	20
													—	—	23.2	20
													2.5	—	23.4	20
													—	1.3	24.7	20
													2.3	1.3	25.6	20
													—	—	26.1	20
													2.5	—	26.2	20
													—	1.3	27.7	20
													2.3	1.3	28.6	20
25C010H	575/240	3	2.6	50.0	2	33A	1.0	1	1.6	4.0	—	—	—	—	27.7	20/70
													2.5/2.7	—	28.7/2.6	20/80
													—	2.6/2.5/2.6	29.7/26.7	20/80
													2.5/2.7	—	28.7/25.4	20/80
													—	—	29.1/28.1	20/80
													2.5/2.7	—	29.1/28.0	20/80
													—	2.6/2.5/2.6	30.1/28.7	20/80
													2.5/2.7	—	29.1/28.0	20/80
													—	—	29.7/28.1	20/110
													2.5/2.7	—	29.7/28.1	20/110
													—	2.6/2.5/2.6	30.7/28.7	20/110
													2.5/2.7	—	29.7/28.0	20/110
25C010H	575/240	3	2.6	50.0	2	33A	1.0	1	1.6	4.0	—	—	—	—	29.7	20/70
													2.5/2.7	—	30.7/29.4	20/80
													—	2.6/2.5/2.6	31.7/29.4	20/80
													2.5/2.7	—	30.7/28.7	20/80
													—	—	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	—	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
25C010H	575/240	3	2.6	50.0	2	33A	1.0	1	1.6	4.0	—	—	—	—	29.7	20/70
													2.5/2.7	—	30.7/29.4	20/80
													—	2.6/2.5/2.6	31.7/29.4	20/80
													2.5/2.7	—	30.7/28.7	20/80
													—	—	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	—	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
25C010H	575/240	3	2.6	50.0	2	33A	1.0	1	1.6	4.0	—	—	—	—	29.7	20/70
													2.5/2.7	—	30.7/29.4	20/80
													—	2.6/2.5/2.6	31.7/29.4	20/80
													2.5/2.7	—	30.7/28.7	20/80
													—	—	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	—	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110
													2.5/2.7	—	30.7/28.0	20/110
													—	2.6/2.5/2.6	31.7/29.4	20/110

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powered Compressor Outlet	Optional Power Coil Heat	Power Supply	
		QTY	RLA	LSA	QTY	HP	FLA	1/2HP	HP/FLA	HP/FLA	HP/FLA	QTY	FLA	FLA	FLA	WCA	WCP
05C102K0	400/240	1	8.4	33.1	1	1.10	3.30	1	1.4	5.4	0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
05C102K6	400/240	2	8.4	33.1	2	1.10	3.30	1	2.8	5.4	0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
05C102K6	400/240	2	8.4	33.1	2	1.10	3.30	2	2.8	5.4	0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-4/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
05C102P0	275/240	1	1.1	4.0	1	1.10	3.30	1	1.4	4.0	0/PS-7/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-7/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20
											0/PS-7/12	11.1	14.0	-	-	21.0	20
														-	-	21.4	20
														-	-	21.7	20
														-	-	21.9	20

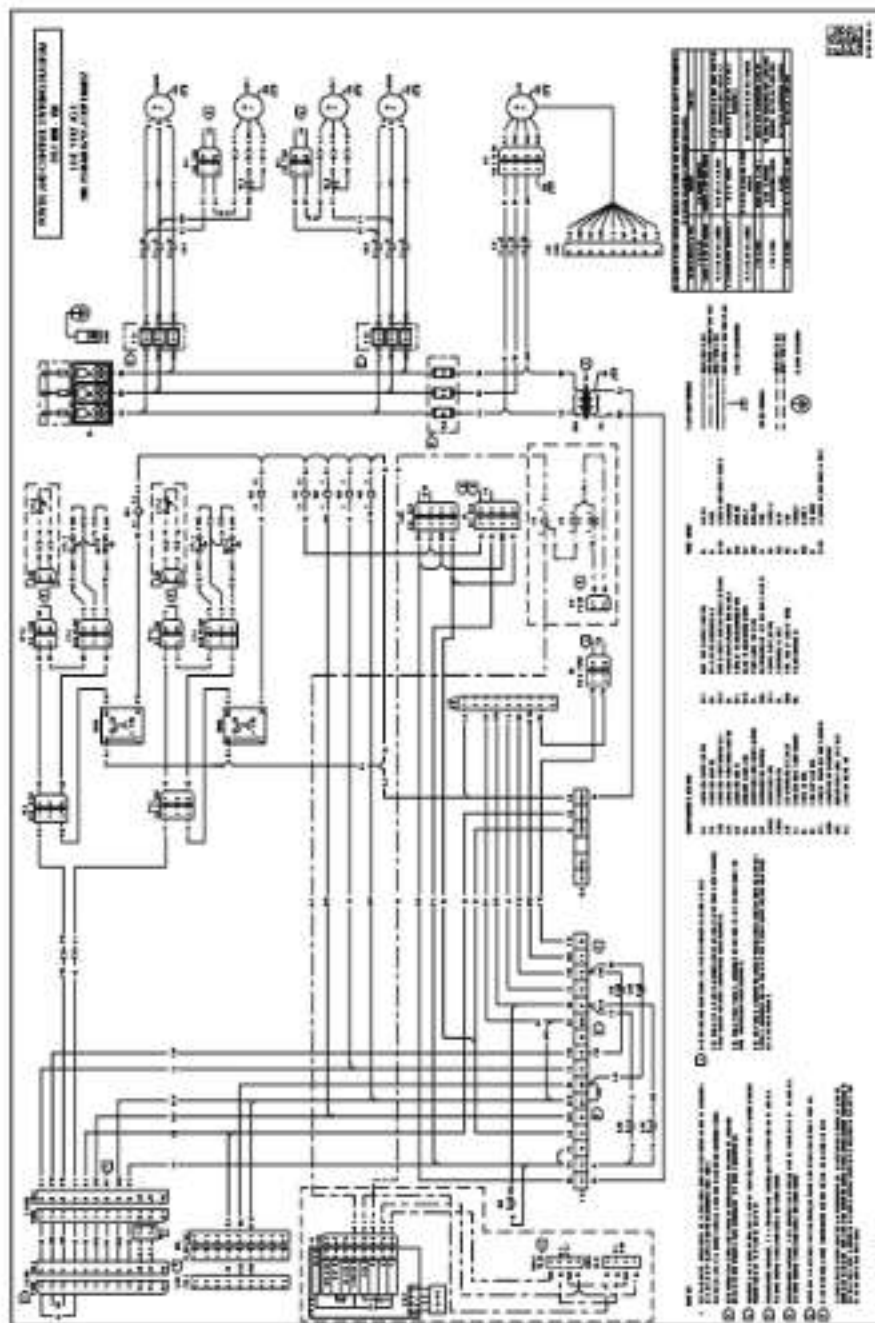
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Power Conversion Output	Optional Power Output	Power Supply	
		PHV	HPA	USR	QTY	HP	FLA	TYPE	HPFLA	HPFLA	100°F	130°F	150°F	150°F	150°F	WVA	WVW
RSC300FL	375/180	1	5.0	40.0	2	0.08	0.87	1	0.4	4.0	—	—	—	—	—	28.2	20
											—	—	—	2.0	—	20.4	15
											—	—	—	—	1.8	18.4	10
											—	—	—	2.0	1.8	21.7	10
											—	—	—	—	—	22.5	10
											—	—	—	2.0	—	27.4	10
											—	—	—	—	1.8	24.7	10
											—	—	—	2.0	1.8	25.0	10
											—	—	—	—	—	41.0	10
											—	—	—	2.0	—	45.3	10
											—	—	—	—	1.8	42.7	10
											—	—	—	2.0	1.8	47.0	10
RSC300FL	375/180	1	5.0	40.0	2	0.08	0.87	1	0.4	4.0	—	—	—	—	—	28.2	20
											—	—	—	2.0	—	20.4	15
											—	—	—	—	1.8	18.4	10
											—	—	—	2.0	1.8	21.7	10
											—	—	—	—	—	22.5	10
											—	—	—	2.0	—	27.4	10
											—	—	—	—	1.8	24.7	10
											—	—	—	2.0	1.8	25.0	10
											—	—	—	—	—	41.0	10
											—	—	—	2.0	—	45.3	10
											—	—	—	—	1.8	42.7	10
											—	—	—	2.0	1.8	47.0	10
RSC300FL	375/180	1	5.0	40.0	2	0.08	0.87	1	0.4	4.0	—	—	—	—	—	28.2	20
											—	—	—	2.0	—	20.4	15
											—	—	—	—	1.8	18.4	10
											—	—	—	2.0	1.8	21.7	10
											—	—	—	—	—	22.5	10
											—	—	—	2.0	—	27.4	10
											—	—	—	—	1.8	24.7	10
											—	—	—	2.0	1.8	25.0	10
											—	—	—	—	—	41.0	10
											—	—	—	2.0	—	45.3	10
											—	—	—	—	1.8	42.7	10
											—	—	—	2.0	1.8	47.0	10
RSC300FL	375/180	1	5.0	40.0	2	0.08	0.87	1	0.4	4.0	—	—	—	—	—	28.2	20
											—	—	—	2.0	—	20.4	15
											—	—	—	—	1.8	18.4	10
											—	—	—	2.0	1.8	21.7	10
											—	—	—	—	—	22.5	10
											—	—	—	2.0	—	27.4	10
											—	—	—	—	1.8	24.7	10
											—	—	—	2.0	1.8	25.0	10
											—	—	—	—	—	41.0	10
											—	—	—	2.0	—	45.3	10
											—	—	—	—	1.8	42.7	10
											—	—	—	2.0	1.8	47.0	10
RSC300FL	375/180	1	5.0	40.0	2	0.08	0.87	1	0.4	4.0	—	—	—	—	—	28.2	20
											—	—	—	2.0	—	20.4	15
											—	—	—	—	1.8	18.4	10
											—	—	—	2.0	1.8	21.7	10
											—	—	—	—	—	22.5	10
											—	—	—	2.0	—	27.4	10
											—	—	—	—	1.8	24.7	10
											—	—	—	2.0	1.8	25.0	10
											—	—	—	—	—	41.0	10
											—	—	—	2.0	—	45.3	10
											—	—	—	—	1.8	42.7	10
											—	—	—	2.0	1.8	47.0	10

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Powermate Connection Outlet	Optional Powermate Connection	Power Supply	
		QTY	NLA	LAA	QTY	HP	FLA	QTY	HP	FLA	FWT 1	EW 2	FLA	FLA	FLA	WGA	WGP
05C1208W	05C1208W	2	27.2	130	2	0.48	0.0	1	1.0	1.0	-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.0/0.7	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.0/0.7	-	52.6/24.4	70/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.0/0.7	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.0/0.7	-	52.6/24.4	70/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.0/0.7	-	52.6/24.4	70/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.0/0.7	-	52.6/24.4	70/70
											-	-	-	-	-	52.6/24.4	70/70
05C1208W	05C1208W	2	17.7	94.1	2	0.30	0.00	1	1.0	0.4	-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
05C1208W	05C1208W	2	17.7	94.1	2	0.30	0.00	1	1.0	1.0	-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
05C1208W	05C1208W	2	17.7	94.1	2	0.30	0.00	1	1.0	1.0	-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70
											-	-	-	0.2	-	52.6/24.4	40/70
											-	-	-	-	-	52.6/24.4	70/70

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Power Conversion Output	Optional Power Cabinet	Power Supply	
		CUY	PLA	LB	CUY	HP	PLA	TYPE	HP/PLA		PAW18	250°	PLA	PLA	PLA	WVA	WVGr
RSC20070	575/3/60	2	7.2	47.2	2	3.22	3.87	1	1.4	4.3	11.0	14.9	24.9	2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
RSC20070	575/3/60	2	7.2	47.2	2	3.22	3.87	1	1.4	5.0	11.0	14.9	24.9	2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
RSC20070	575/3/60	2	7.2	47.2	2	3.22	3.87	1	1.4	5.0	11.0	14.9	24.9	2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
														2.0	1.0	20.7	20
RSC20070	115/1/60/5/40	2	12.1	127	4	2.2	2.7	1	1.2	12.3	11.2/11.2	11.2/11.2	11.2/11.2	0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80
														0.8/0.7	0.4	80.2/80.2	80/80

Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Slats In Heat			Optional Powered Convenience Outlet	Optional Power Exhaust	Power Supply	
		QTY	N/A	Q/A	QTY	HP	N/A	1/2HP	1/2 QTY	N/A	QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
DSC130BL	336/330/3/60	2	18.2	187	2	0.8	1.7	1	1.0	14.3	QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
DSC130BL	336/330/3/60	2	18.2	187	2	0.8	1.7	1	1.0	14.3	QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
DSC130BL	480/3/60	2	0.2	76.8	2	0.5	1.4	1	1.0	7.2	QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
DSC130BL	480/3/60	2	0.2	76.8	2	0.5	1.4	1	1.0	7.2	QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A
											QTY	Q/A	Q/A	Q/A	Q/A	QTY	Q/A

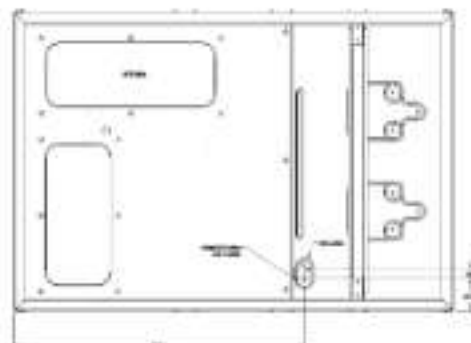
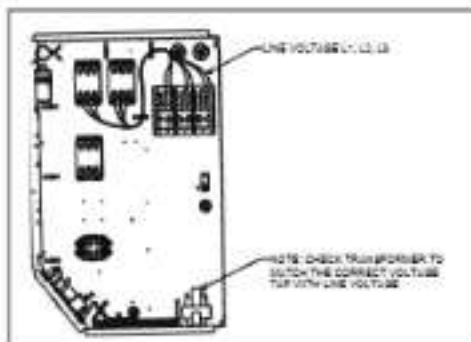
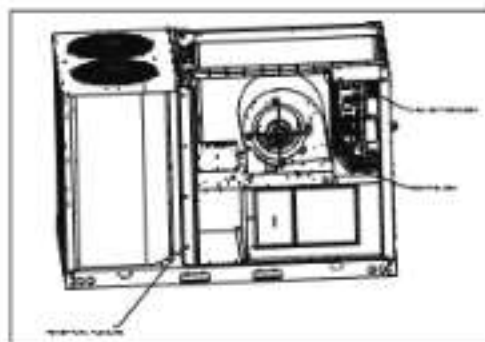
Model Number	Electrical Rating	Compressor			Outdoor Fan Motor			Indoor Fan Motor			Optional Electric Heat			Optional Electrical Connections	Optional Power Cabinet	Power Supply	
		CUY	HLA	LSR	CUY	HP	FLA	TYPE	HP/FLA		HP/FLA	100°	FLA	FLA	FLA	WVA	WVA
DSC1804H	400/3/60	2	8.0	14.8	2	0.8	1.4	1	0.0/1.0								
DSC1805H	575/3/60	2	7.0	32.8	2	0.8	1.0	1	0.0/1.0								
DSC1807H	575/3/60	2	7.0	32.8	2	0.8	1.0	1	0.0/1.0								
DSC1809H	575/3/60	2	7.0	32.8	2	0.8	1.0	1	0.0/1.0								



Warning is subject to change. Always refer to the wiring diagram on the unit for the most accurate wiring.

WARNING

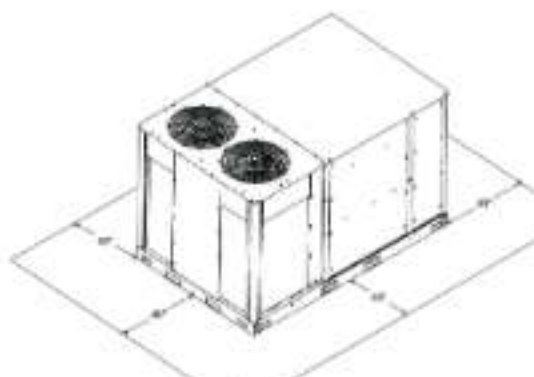
High voltage. Disconnect all power before working on this unit. Multiple phase connections to ground. Inductance in the unit may cause a dangerous electric shock.



Unit Clearances

Service Clearance

Allow for recommended service clearances as shown in figure to the right. In situations that have multiple units, a 43" minimum clearance is required between the condenser coils. A clearance of 43" 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 forklifts have been included in the unit base frame. No other forklift locations are approved.

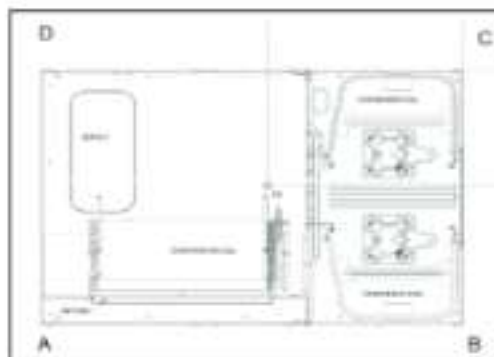
- Unit must be lifted by the four lifting holes located at the base frame corners.
- Lifting cables should be attached to the unit with shackles.
- The distance between the crane hook and the top of the unit must not be less than 50".
- Two spreader bars must span over the unit to prevent damage to the 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. Curb 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 centerline 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 1/32" 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 IQO.



CORNER & CENTER-OF-GRAVITY LOCATIONS

Weights

Model	Shipping Weight (lbs)	Operating Weight (lbs)	Corner Weights (lbs)				Length ft (in)	Width ft (in)
			A	B	C	D		
25C080SD	1287	1313	243	228	279	251	30 1/2	40 1/2
25C101SD	1388	1427	253	242	303	282	30 1/2	40 1/2
25C120SD	1542	1579	328	290	333	333	30 1/2	40 1/2
25C140SD	1728	1773	331	308	374	342	30 1/2	40 1/2

For details on accessories refer to document PWH-LC-ACCESSORIES

