



## ***R-32 Standard Efficiency Air Conditioner Direct-Drive Packaged Rooftop Unit 15-25 Ton DSC Light Commercial***

***15 - 20 Ton 11 EER / 14.2 IEER***

***25 Ton 10 EER / 13.2 IEER***



**R32**

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

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

# Our Perfect Package:

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

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

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

The group philosophy of the company includes:

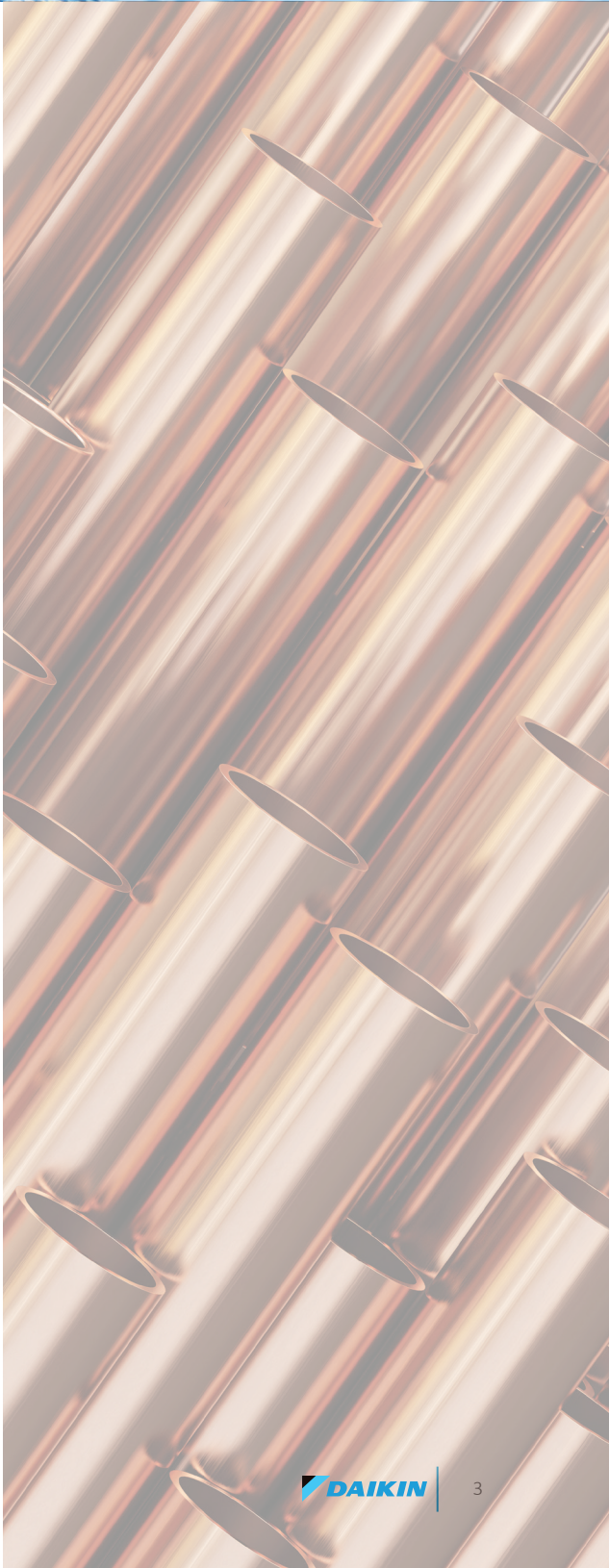
- » Creating new value continuously for customers
- » Developing world leading energy-saving technology
- » Being a flexible and dynamic organization
- » Allowing employees to be the driving force for the success of the company
- » Fostering an atmosphere of best practices, boldness, and innovation
-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





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## Nomenclature

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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.

### Cabinet Construction

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

- » Unit fully insulated to prevent sweating and thermal losses, using our foil face fiberglass insulation which also omits exposed filter fibers into the airstream.
- » 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 with stage control to match the required total load for efficient part load control.

- » Resiliently factory-mounted on rubber grommets for vibration isolation.
- » Refrigeration circuits includes both high and low pressure safety switches.
- » Unit is factory charged with environmental friendly and sustainable low GWP R-32 refrigerant.
- » Two single-stage scroll compressors individually circuited for partial load applications.
- » Compressor location outside the condenser section to avoid air bypass.
- » Crankcase heaters and external thermal overload protection are also provided for compressor durability.

### Supply Fan

Supply fan will be 2 direct-drive motors. Ball bearing Direct-Drive EEM motor removes the need for belts, sheaves, bearings and lubrication.

- » Slide out forward curb fans for easy maintenance and replacement.
- » High-static drive options for applications 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 long lasting operation.

### Coils

The indoor coil section is installed in a draw through configuration to provide better dehumidification. These coils are constructed with seamless copper tubes, mechanically bonded into aluminum plate-type fins with full drawn collars to completely cover the tubes for high operating efficiencies.

- » Coils are factory pressure tested to ensure pressure and leak integrity.
- » Coils include a Thermal Expansion Valve per circuit, high- and low pressure switches, service ports and high capacity filter drier.
- » All units use large face area outdoor coils.
- » Copper tube / aluminum fin coils on evaporator
- » Microchannel heat exchanger technology on all condenser coils for improved performance and reduced refrigerant load.



### Controls and Wiring

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

- » Units are factory-wired with 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 strips are provided as standard for easy installation and field 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.
- » 2" deep filters standard on all units with option for up to 4" on large chassis (15 tons and over).

### 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.
- » Multi-stage capability for application flexibility.
- » Durable low watt density, nickel chromium elements provide longer life (compared to units without)..

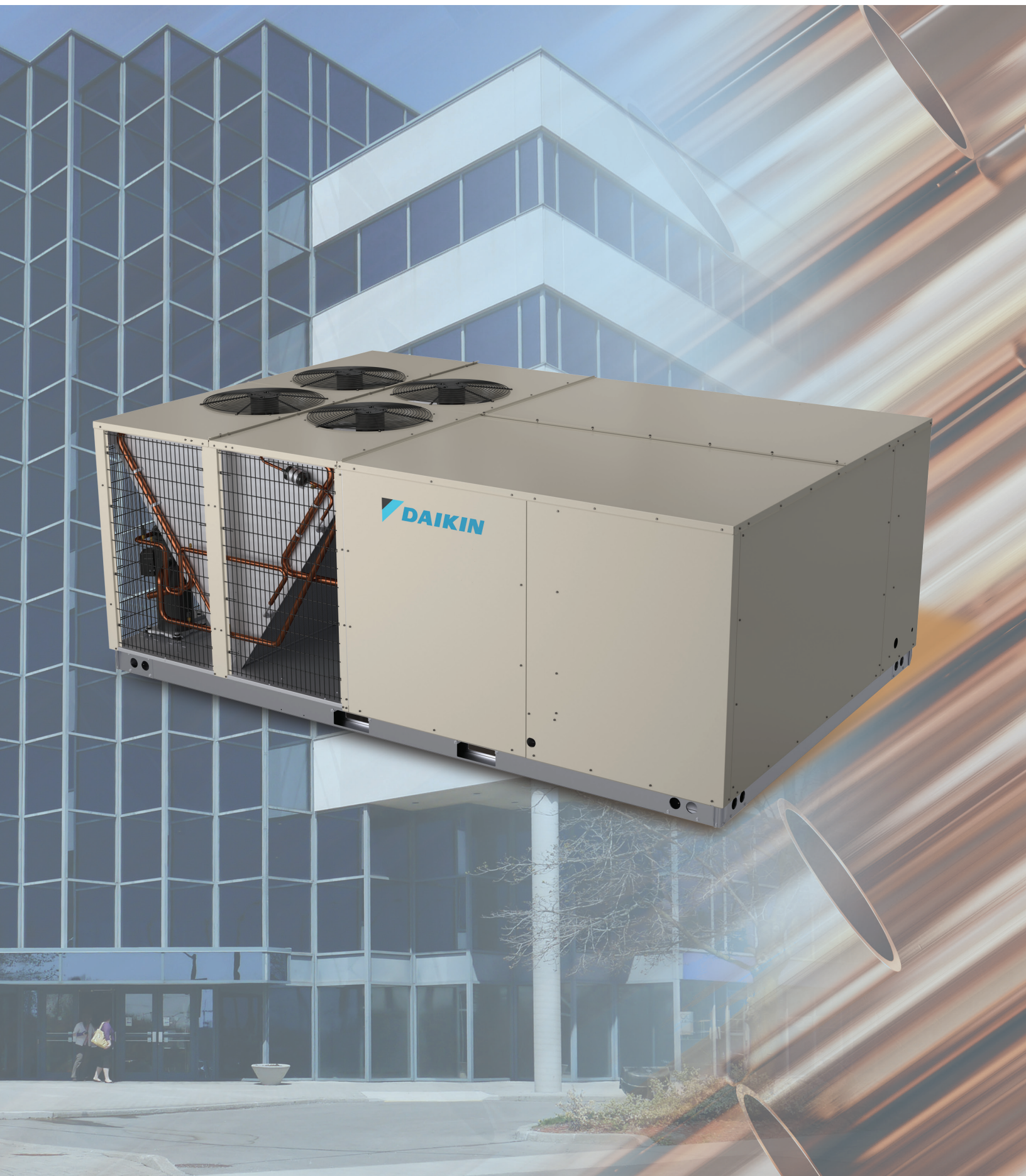
- » Fuses are provided in each branch circuit to a maximum of 48 Amps per NEC requirements.
- » Single-point power connection reduces installation cost.
- » Operational safeties for electric heat includes automatic reset, and high temperature limit protection to prevent electric heat operation in the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

### Electrical

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

- » Wiring complies with NEC requirements and all applicable UL standards.
- » Units are factory-wired with color-coded wires and complete 24-volt electromechanical controls package.
- » A 115 V GFI convenience outlet requiring independent power supply for the receptacle is optional.
- » An optional unit powered 20 amp 115 V convenience outlet, complete with factory mounted transformer, disconnect switch, and primary and secondary overload protection, eliminates the need to pull a separate 115 V power source.
- » Supply air fan, compressor, and condenser fan motor branch circuits have individual short circuit protection. Unit includes knockouts in the bottom of the main control panels for field wiring entrance.
- » A single-point power connection with power block is standard and a terminal strip is provided for connecting low voltage control wiring.
- » For better serviceability an optional non-fused disconnect switch is mounted 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 on most cases.

### 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.
- » Independent compressor outside of the air bypass to eliminate component blockage and provide easy access.
- » Color coded wire to identify point-to-point component connections.
- » Condenser clean out from inside-out.
- » Easy access to control panel.



| PHYSICAL DATA COOLING                              |                 |                 |                 |
|----------------------------------------------------|-----------------|-----------------|-----------------|
| Model                                              | DSC1803D000001S | DSC1804D000001S | DSC1807D000001S |
| COOLING CAPACITY                                   |                 |                 |                 |
| Total BTU/H                                        | 172,000         | 172,000         | 172,000         |
| EER                                                | 11              | 11              | 11              |
| IEER                                               | 14.2            | 14.2            | 14.2            |
| AHRI Reference #                                   | 215894114       | 215894114       | 215894114       |
| 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                                 | 15 x 15         | 15 x 15         | 15 x 15         |
| Indoor Nominal CFM                                 | 5000            | 5000            | 5000            |
| RPM                                                | 300-1600        | 300-1600        | 300-1600        |
| Indoor Horsepower                                  | 3.5             | 3.5             | 3.5             |
| Filter Size (in)                                   | 20 X 20 X 2 (8) | 20 X 20 X 2 (8) | 20 X 20 X 2 (8) |
| Drain Size (NPT)                                   | 1"              | 1"              | 1"              |
| R-32 Refrigerant Charge (oz.) (1)                  | 105             | 105             | 105             |
| R-32 Refrigerant Charge (oz.) (2)                  | 90              | 90              | 90              |
| Evaporator Coil Face Area (ft <sup>2</sup> )       | 21.69           | 21.69           | 21.69           |
| Rows Deep/ Fins per Inch                           | 2/18            | 2/18            | 2/18            |
| CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER) |                 |                 |                 |
| Quantity of Condenser Fan Motors                   | 3               | 3               | 3               |
| RPM (High/Low stage)                               | 1122            | 1050            | 1050            |
| Outdoor Horsepower                                 | 1/3             | 1/3             | 1/3             |
| Fan Diameter/ # Fan Blades                         | 22 / 3          | 22 / 3          | 22 / 3          |
| Face Area (ft <sup>2</sup> )                       | 25.7            | 25.7            | 25.7            |
| Rows Deep / Fins per Inch                          | 1/23            | 1/23            | 1/23            |
| COMPRESSOR                                         |                 |                 |                 |
| Quantity / Type / Stages per Compression           | 2 / Scroll / 1  | 2 / Scroll / 1  | 2 / Scroll / 1  |
| Compressor RLA / LRA                               | 25.0 / 179      | 10.9 / 103.0    | 8.4 / 78.0      |
| ELECTRICAL DATA                                    |                 |                 |                 |
| Voltage-Phase-Frequency                            | 208/230-3-60    | 460-3-60        | 575-3-60        |
| Indoor Blower FLA                                  | 10.9            | 7.2             | 5               |
| Max External Static (In. W.C.)                     | 1.2             | 1.2             | 1.2             |
| Outdoor Fan FLA                                    | 2               | 0.85            | 0.67            |
| Min. Circuit Ampacity <sup>1</sup>                 | 84.1/84.1       | 41.4            | 31              |
| Max. Overcurrent Protection (A) <sup>2</sup>       | 100/100         | 50              | 35              |
| Power Supply Conduit Hole Dia. (in)                | 2.5             | 2.5             | 2.5             |
| Low-Voltage Conduit Hole Dia. (in)                 | 0.5             | 0.5             | 0.5             |
| OPERATING WEIGHT (LBS.)                            |                 |                 |                 |
|                                                    | 1736            | 1736            | 1736            |
| SHIPPING WEIGHT (LBS.)                             |                 |                 |                 |
|                                                    | 1851            | 1851            | 1851            |

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

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

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



| PHYSICAL DATA COOLING                              |                 |                 |                 |
|----------------------------------------------------|-----------------|-----------------|-----------------|
| Model                                              | DSC2403D000001S | DSC2404D000001S | DSC2407D000001S |
| COOLING CAPACITY                                   |                 |                 |                 |
| Total BTU/H                                        | 230,000         | 230,000         | 230,000         |
| EER                                                | 11              | 11              | 11              |
| IEER                                               | 14.2            | 14.2            | 14.2            |
| AHRI Reference #                                   | 215894115       | 215894115       | 215894115       |
| 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                                 | 15 x 15         | 15 x 15         | 15 x 15         |
| Indoor Nominal CFM                                 | 6400            | 6400            | 6400            |
| RPM                                                | 300-1600        | 300-1600        | 300-1600        |
| Indoor Horsepower                                  | 3.5             | 3.5             | 3.5             |
| Filter Size (in)                                   | 20 X 20 X 2 (8) | 20 X 20 X 2 (8) | 20 X 20 X 2 (8) |
| Drain Size (NPT)                                   | 1"              | 1"              | 1"              |
| R-32 Refrigerant Charge (oz.) (1)                  | 150             | 150             | 150             |
| R-32 Refrigerant Charge (oz.) (2)                  | 140             | 140             | 140             |
| Evaporator Coil Face Area (ft²)                    | 21.69           | 21.69           | 21.69           |
| Rows Deep/ Fins per Inch                           | 4/18            | 4/18            | 4/18            |
| CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER) |                 |                 |                 |
| Quantity of Condenser Fan Motors                   | 4               | 4               | 4               |
| 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)                                    | 25.7            | 25.7            | 25.7            |
| Rows Deep / Fins per Inch                          | 1/23            | 1/23            | 1/23            |
| COMPRESSOR                                         |                 |                 |                 |
| Quantity / Type / Stages per Compression           | 2 / Scroll / 1  | 2 / Scroll / 1  | 2 / Scroll / 1  |
| Compressor RLA / LRA                               | 29.4 / 225      | 13.7 / 130.0    | 10.9 / 93.7     |
| ELECTRICAL DATA                                    |                 |                 |                 |
| Voltage-Phase-Frequency                            | 208/230-3-60    | 460-3-60        | 575-3-60        |
| Indoor Blower FLA                                  | 10.9            | 7.2             | 5               |
| Max External Static (In. W.C.)                     | 1.2             | 1.2             | 1.2             |
| Outdoor Fan FLA                                    | 2.7             | 1.4             | 1               |
| Min. Circuit Ampacity <sup>1</sup>                 | 98.7/98.7       | 50.8            | 38.5            |
| Max. Overcurrent Protection (A) <sup>2</sup>       | 125/125         | 60              | 45              |
| Power Supply Conduit Hole Dia. (in)                | 2.5             | 2.5             | 2.5             |
| Low-Voltage Conduit Hole Dia. (in)                 | 0.5             | 0.5             | 0.5             |
| OPERATING WEIGHT (LBS.)                            |                 |                 |                 |
|                                                    | 2089            | 2089            | 2089            |
| SHIPPING WEIGHT (LBS.)                             |                 |                 |                 |
|                                                    | 2204            | 2204            | 2204            |

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

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

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

| PHYSICAL DATA COOLING                              |                 |                 |                 |
|----------------------------------------------------|-----------------|-----------------|-----------------|
| Model                                              | DSC3003D000001S | DSC3004D000001S | DSC3007D000001S |
| COOLING CAPACITY                                   |                 |                 |                 |
| Total BTU/H                                        | 290,000         | 290,000         | 290,000         |
| EER                                                | 10              | 10              | 10              |
| IEER                                               | 13.2            | 13.2            | 13.2            |
| AHRI Reference #                                   | 215894120       | 215894120       | 215894120       |
| 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                                 | 15 x 15         | 15 x 15         | 15 x 15         |
| Indoor Nominal CFM                                 | 7650            | 7650            | 7650            |
| RPM                                                | 300-1600        | 300-1600        | 300-1600        |
| Indoor Horsepower                                  | 5               | 5               | 5               |
| Filter Size (in)                                   | 20 X 20 X 2 (8) | 20 X 20 X 2 (8) | 20 X 20 X 2 (8) |
| Drain Size (NPT)                                   | 1"              | 1"              | 1"              |
| R-32 Refrigerant Charge (oz.) (1)                  | 178             | 178             | 178             |
| R-32 Refrigerant Charge (oz.) (2)                  | 163             | 163             | 163             |
| Evaporator Coil Face Area (ft <sup>2</sup> )       | 21.69           | 21.69           | 21.69           |
| Rows Deep/ Fins per Inch                           | 4/18            | 4/18            | 4/18            |
| CONDENSER FAN / MCHX (MICROCHANNEL HEAT EXCHANGER) |                 |                 |                 |
| Quantity of Condenser Fan Motors                   | 5               | 5               | 5               |
| 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 (ft <sup>2</sup> )                       | 25.7            | 25.7            | 25.7            |
| Rows Deep / Fins per Inch                          | 1/23            | 1/23            | 1/23            |
| COMPRESSOR                                         |                 |                 |                 |
| Quantity / Type / Stages per Compression           | 2 / Scroll / 1  | 2 / Scroll / 1  | 2 / Scroll / 1  |
| Compressor RLA / LRA                               | 35.3 / 270      | 20.5 / 147      | 13.8 / 109.0    |
| 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.)                     | 1.2             | 1.2             | 1.2             |
| Outdoor Fan FLA                                    | 2.7             | 1.4             | 1               |
| Min. Circuit Ampacity <sup>1</sup>                 | 122/122         | 74.3            | 50.4            |
| Max. Overcurrent Protection (A) <sup>2</sup>       | 150/150         | 90              | 60              |
| Power Supply Conduit Hole Dia. (in)                | 2.5             | 2.5             | 2.5             |
| Low-Voltage Conduit Hole Dia. (in)                 | 0.5             | 0.5             | 0.5             |
| OPERATING WEIGHT (LBS.)                            |                 |                 |                 |
|                                                    | 2129            | 2129            | 2129            |
| SHIPPING WEIGHT (LBS.)                             |                 |                 |                 |
|                                                    | 2244            | 2244            | 2244            |

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

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

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



## Coil Dimensions

| MODEL | SIZE | FIN HEIGHT IN. | FIN LENGTH IN. |
|-------|------|----------------|----------------|
| DSC   | 15   | 40             | 78.092         |
| DSC   | 20   | 40             | 78.092         |
| DSC   | 25   | 40             | 78.092         |

## AHRI Ratings

| MODEL           | CAPACITY | EER   | IEER |
|-----------------|----------|-------|------|
| DSC1803D000001S | 172,000  | 11.0  | 14.2 |
| DSC1804D000001S | 172,000  | 11.0  | 14.2 |
| DSC1807D000001S | 172,000  | 11.0  | 14.2 |
| DSC2403D000001S | 230,000  | 11.0  | 14.2 |
| DSC2404D000001S | 230,000  | 11.0  | 14.2 |
| DSC2407D000001S | 230,000  | 11.0  | 14.2 |
| DSC3003D000001S | 290,000  | 10.00 | 13.2 |
| DSC3004D000001S | 290,000  | 10.00 | 13.2 |
| DSC3007D000001S | 290,000  | 10.00 | 13.2 |

## Sound Data

| STATIC PRESSURE |           |            |      |      |      |      |      |      |      |      |
|-----------------|-----------|------------|------|------|------|------|------|------|------|------|
|                 | Component | A-Weighted | 63   | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| STD             | Discharge | 79.1       | 90.5 | 82.3 | 79.7 | 78.7 | 73.0 | 67.6 | 64.4 | 53.7 |
|                 | Inlet     | 78.5       | 93.0 | 87.3 | 80.9 | 75.1 | 72.2 | 67.6 | 64.4 | 53.7 |
| HIGH            | Discharge | 84.6       | 91.4 | 87.3 | 86.1 | 84.1 | 78.7 | 73.4 | 69.8 | 60.0 |
|                 | Inlet     | 76.9       | 91.6 | 86.6 | 84.1 | 70.9 | 66.5 | 60.3 | 58.7 | 49.7 |
|                 | Outdoor   | 80.4       | 99.9 | 86.2 | 78.7 | 75.3 | 74.5 | 72.3 | 69.3 | 63.1 |

| STATIC PRESSURE |           |            |       |      |      |      |      |      |      |      |
|-----------------|-----------|------------|-------|------|------|------|------|------|------|------|
|                 | Component | A-Weighted | 63    | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| STD             | Discharge | 79.6       | 87.9  | 81.7 | 81.0 | 79.0 | 74.0 | 67.4 | 65.0 | 55.7 |
|                 | Inlet     | 70.3       | 89.7  | 81.7 | 74.8 | 62.4 | 58.7 | 54.5 | 53.6 | 47.2 |
| HIGH            | Discharge | 84.6       | 83.5  | 84.9 | 84.4 | 83.8 | 79.9 | 73.4 | 70.1 | 62.6 |
|                 | Inlet     | 72.3       | 82.1  | 79.3 | 75.0 | 71.2 | 64.5 | 61.6 | 59.1 | 51.9 |
|                 | Outdoor   | 92.1       | 109.4 | 96.5 | 96.5 | 87.7 | 84.3 | 81.2 | 75.0 | 68.7 |

| STATIC PRESSURE |           |            |       |      |      |      |      |      |      |      |
|-----------------|-----------|------------|-------|------|------|------|------|------|------|------|
|                 | Component | A-Weighted | 63    | 125  | 250  | 500  | 1000 | 2000 | 4000 | 8000 |
| STD             | Discharge | 86.4       | 85.7  | 87.4 | 88.4 | 85.6 | 81.2 | 74.5 | 70.5 | 61.1 |
|                 | Inlet     | 74.4       | 88.1  | 82.8 | 81.4 | 68.1 | 66.2 | 59.1 | 56.1 | 46.5 |
| HIGH            | Discharge | 86.5       | 89.7  | 88.3 | 88.0 | 85.3 | 81.7 | 75.4 | 71.0 | 61.7 |
|                 | Inlet     | 76.0       | 89.8  | 87.4 | 80.0 | 69.7 | 68.3 | 61.7 | 58.0 | 48.6 |
|                 | Outdoor   | 91.3       | 107.7 | 94.7 | 92.5 | 87.9 | 85.2 | 82.5 | 78.3 | 68.7 |

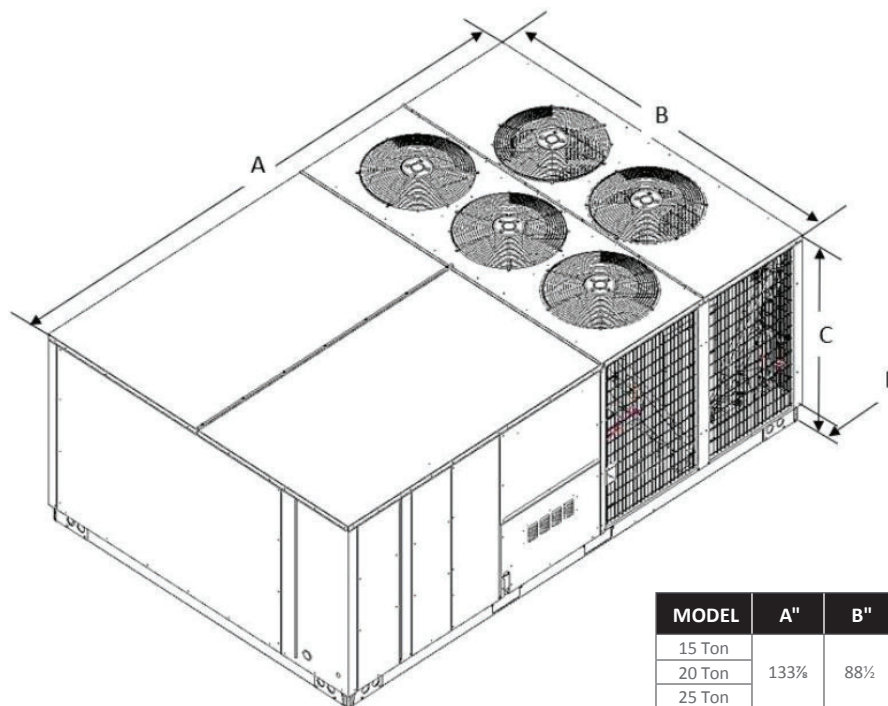
dB - decibel

<sup>1</sup> Indoor sound data is measured in accordance with AHRI 260. Outdoor sound is measured in accordance with AHRI 370

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

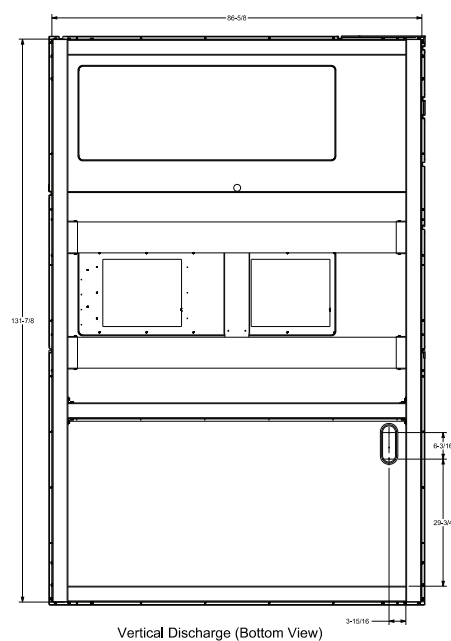
<sup>3</sup> A-weighted sound ratings filter out high and very low frequencies, to better approximate the response of "average" human ear. A-weighted measurements for Daikin units are taken in accordance with AHRI standard 260 for the indoor sound and AHRI 370 for the outdoor sound.

## Dimensional Data

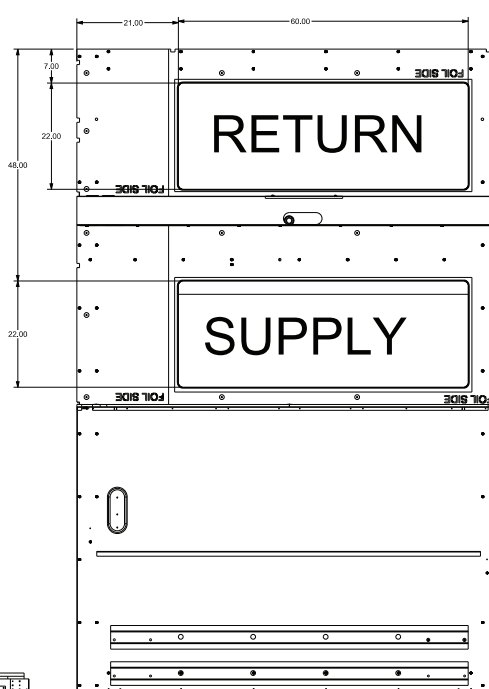


| MODEL  | A"   | B"  | C"                               | D"                             |
|--------|------|-----|----------------------------------|--------------------------------|
| 15 Ton | 133% | 88½ | 51 <sup>11</sup> / <sub>16</sub> | 5 <sup>5</sup> / <sub>32</sub> |
| 20 Ton |      |     | 51                               |                                |
| 25 Ton |      |     | 51                               |                                |

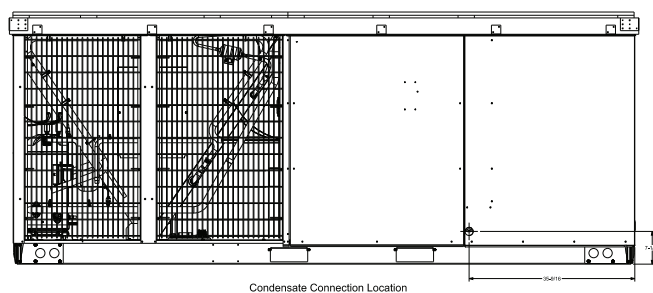
**NOTE:** 15 ton has 3 fans; 20 ton has 4 fans; 25 ton has 5 fans



Vertical Discharge (Bottom View)



Vertical Discharge (Top View)



Condensate Connection Location

|      |         | 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    |
| 4500 | MBh     | 174.6                       | 177.0 | 182.3 | -     | 173.0 | 175.5 | 180.7 | -     | 168.4 | 170.9 | 176.1 | -     | 160.6 | 163.1 | 168.3 | -     | 151.0 | 153.4 | 158.7 | -     | 142.2 | 144.7 | 149.9 | -     |
|      | S/T     | 0.60                        | 0.53  | 0.42  | -     | 0.60  | 0.54  | 0.42  | -     | 0.63  | 0.56  | 0.44  | -     | 0.65  | 0.58  | 0.45  | -     | 0.68  | 0.61  | 0.47  | -     | 0.77  | 0.68  | 0.54  | -     |
|      | ΔT      | 21.09                       | 19.11 | 15.43 | -     | 21.03 | 19.06 | 15.38 | -     | 21.31 | 19.34 | 15.66 | -     | 21.01 | 19.04 | 15.36 | -     | 20.75 | 18.78 | 15.09 | -     | 21.98 | 20.01 | 16.33 | -     |
|      | kW      | 10.91                       | 10.90 | 10.88 | -     | 12.32 | 12.31 | 12.29 | -     | 13.90 | 13.89 | 13.86 | -     | 15.60 | 15.59 | 15.57 | -     | 17.50 | 17.49 | 17.47 | -     | 19.74 | 19.73 | 19.70 | -     |
|      | Hi PR   | 263                         | 264   | 266   | -     | 304   | 305   | 307   | -     | 348   | 349   | 351   | -     | 394   | 396   | 397   | -     | 445   | 446   | 448   | -     | 499   | 500   | 502   | -     |
| 70   | Lo PR   | 114                         | 115   | 118   | -     | 121   | 122   | 125   | -     | 127   | 128   | 131   | -     | 132   | 133   | 136   | -     | 137   | 138   | 141   | -     | 138   | 143   | 147   | -     |
|      | MBh     | 176.5                       | 179.0 | 184.2 | -     | 174.9 | 177.4 | 182.6 | -     | 170.3 | 172.8 | 178.0 | -     | 162.5 | 165.0 | 170.2 | -     | 152.9 | 155.4 | 160.6 | -     | 144.1 | 146.6 | 151.8 | -     |
|      | S/T     | 0.63                        | 0.56  | 0.43  | -     | 0.63  | 0.56  | 0.44  | -     | 0.66  | 0.59  | 0.46  | -     | 0.68  | 0.60  | 0.47  | -     | 0.71  | 0.63  | 0.49  | -     | 0.80  | 0.72  | 0.56  | -     |
|      | ΔT      | 20.13                       | 18.16 | 14.48 | -     | 20.08 | 18.10 | 14.42 | -     | 20.35 | 18.38 | 14.70 | -     | 20.06 | 18.08 | 14.40 | -     | 19.79 | 17.82 | 14.14 | -     | 21.03 | 19.06 | 15.37 | -     |
|      | kW      | 10.97                       | 10.96 | 10.94 | -     | 12.38 | 12.37 | 12.35 | -     | 13.96 | 13.95 | 13.92 | -     | 15.66 | 15.65 | 15.62 | -     | 17.56 | 17.55 | 17.53 | -     | 19.79 | 19.78 | 19.76 | -     |
| 6000 | Hi PR   | 265                         | 266   | 268   | -     | 306   | 307   | 309   | -     | 349   | 351   | 352   | -     | 396   | 397   | 399   | -     | 447   | 448   | 450   | -     | 500   | 501   | 503   | -     |
|      | Lo PR   | 115                         | 116   | 119   | -     | 122   | 123   | 126   | -     | 128   | 129   | 132   | -     | 133   | 134   | 137   | -     | 138   | 139   | 142   | -     | 140   | 144   | 149   | -     |
|      | MBh     | 181.1                       | 183.6 | 188.8 | -     | 179.5 | 182.0 | 187.2 | -     | 174.9 | 177.4 | 182.6 | -     | 167.1 | 169.6 | 174.8 | -     | 157.5 | 160.0 | 165.2 | -     | 148.7 | 151.2 | 156.4 | -     |
|      | S/T     | 0.68                        | 0.60  | 0.45  | -     | 0.68  | 0.60  | 0.45  | -     | 0.71  | 0.63  | 0.48  | -     | 0.73  | 0.64  | 0.49  | -     | 0.77  | 0.67  | 0.50  | -     | 0.87  | 0.77  | 0.58  | -     |
|      | ΔT      | 18.60                       | 16.63 | 12.95 | -     | 18.55 | 16.58 | 12.90 | -     | 18.83 | 16.86 | 13.17 | -     | 18.53 | 16.56 | 12.88 | -     | 18.27 | 16.29 | 12.61 | -     | 19.50 | 17.53 | 13.85 | -     |
| 75   | kW      | 11.07                       | 11.06 | 11.03 | -     | 12.48 | 12.47 | 12.44 | -     | 14.05 | 14.04 | 14.01 | -     | 15.75 | 15.74 | 15.72 | -     | 17.66 | 17.64 | 17.62 | -     | 19.89 | 19.88 | 19.85 | -     |
|      | Hi PR   | 268                         | 269   | 271   | -     | 310   | 311   | 313   | -     | 353   | 354   | 356   | -     | 400   | 401   | 403   | -     | 450   | 451   | 453   | -     | 504   | 505   | 507   | -     |
|      | Lo PR   | 118                         | 119   | 122   | -     | 125   | 126   | 129   | -     | 131   | 132   | 135   | -     | 136   | 137   | 140   | -     | 141   | 142   | 145   | -     | 143   | 149   | 152   | -     |
|      | MBh     | 175.5                       | 178.0 | 183.2 | 191.2 | 173.9 | 176.4 | 181.6 | 189.6 | 169.3 | 171.8 | 177.0 | 185.0 | 161.5 | 164.0 | 169.2 | 177.2 | 151.9 | 154.3 | 159.6 | 167.6 | 143.1 | 145.6 | 150.8 | 158.8 |
|      | S/T     | 0.72                        | 0.65  | 0.53  | 0.41  | 0.72  | 0.66  | 0.54  | 0.42  | 0.75  | 0.68  | 0.56  | 0.43  | 0.78  | 0.71  | 0.58  | 0.44  | 0.82  | 0.74  | 0.60  | 0.46  | 0.91  | 0.83  | 0.68  | 0.53  |
| 5012 | ΔT      | 25.42                       | 23.45 | 19.77 | 16.0  | 25.37 | 23.40 | 19.71 | 15.9  | 25.64 | 23.67 | 19.99 | 16.2  | 25.35 | 23.37 | 19.69 | 15.9  | 25.08 | 23.11 | 19.43 | 15.6  | 26.32 | 24.35 | 20.66 | 16.8  |
|      | kW      | 10.91                       | 10.89 | 10.87 | 11.0  | 12.32 | 12.30 | 12.28 | 12.4  | 13.89 | 13.88 | 13.85 | 14.0  | 15.59 | 15.58 | 15.56 | 15.7  | 17.49 | 17.48 | 17.46 | 17.6  | 19.73 | 19.72 | 19.69 | 19.8  |
|      | Hi PR   | 263                         | 264   | 266   | 271   | 305   | 306   | 308   | 312   | 348   | 349   | 351   | 355   | 395   | 396   | 398   | 402   | 445   | 446   | 448   | 453   | 499   | 500   | 502   | 506   |
|      | Lo PR   | 114                         | 115   | 118   | 123   | 121   | 122   | 125   | 130   | 127   | 128   | 131   | 136   | 132   | 133   | 136   | 141   | 137   | 138   | 141   | 146   | 139   | 144   | 147   | 152   |
|      | MBh     | 177.4                       | 179.9 | 185.1 | 193.1 | 175.8 | 178.3 | 183.5 | 191.5 | 171.3 | 173.7 | 179.0 | 186.9 | 163.4 | 165.9 | 171.1 | 179.1 | 153.8 | 156.3 | 161.5 | 169.5 | 145.0 | 147.5 | 152.7 | 160.7 |
| 6000 | S/T     | 0.76                        | 0.69  | 0.56  | 0.43  | 0.77  | 0.69  | 0.56  | 0.43  | 0.79  | 0.72  | 0.59  | 0.45  | 0.82  | 0.75  | 0.60  | 0.46  | 0.87  | 0.78  | 0.63  | 0.48  | 0.96  | 0.87  | 0.71  | 0.55  |
|      | ΔT      | 24.47                       | 22.49 | 18.81 | 15.0  | 24.41 | 22.44 | 18.76 | 14.9  | 24.69 | 22.72 | 19.04 | 15.2  | 24.39 | 22.42 | 18.74 | 14.9  | 24.13 | 22.16 | 18.47 | 14.7  | 25.36 | 23.39 | 19.71 | 15.9  |
|      | kW      | 10.96                       | 10.95 | 10.93 | 11.0  | 12.37 | 12.36 | 12.34 | 12.4  | 13.95 | 13.94 | 13.91 | 14.0  | 15.65 | 15.64 | 15.62 | 15.7  | 17.55 | 17.54 | 17.52 | 17.6  | 19.79 | 19.77 | 19.75 | 19.9  |
|      | Hi PR   | 265                         | 266   | 268   | 272   | 306   | 307   | 309   | 314   | 350   | 351   | 353   | 357   | 396   | 398   | 399   | 404   | 447   | 448   | 450   | 454   | 501   | 502   | 504   | 508   |
|      | Lo PR   | 115                         | 116   | 119   | 124   | 122   | 123   | 126   | 131   | 128   | 129   | 132   | 137   | 133   | 134   | 137   | 142   | 138   | 139   | 142   | 147   | 139   | 146   | 149   | 153   |
| 5012 | MBh     | 182.0                       | 184.5 | 189.7 | 197.7 | 180.4 | 182.9 | 188.1 | 196.1 | 175.9 | 178.3 | 183.6 | 191.5 | 168.0 | 170.5 | 175.7 | 183.7 | 158.4 | 160.9 | 166.1 | 174.1 | 149.6 | 152.1 | 157.3 | 165.3 |
|      | S/T     | 0.83                        | 0.75  | 0.60  | 0.45  | 0.84  | 0.75  | 0.60  | 0.45  | 0.87  | 0.78  | 0.63  | 0.47  | 0.90  | 0.81  | 0.65  | 0.48  | 0.94  | 0.85  | 0.67  | 0.50  | 1.00  | 0.95  | 0.76  | 0.57  |
|      | ΔT      | 22.94                       | 20.97 | 17.29 | 13.5  | 22.89 | 20.91 | 17.23 | 13.4  | 23.16 | 21.19 | 17.51 | 13.7  | 22.87 | 20.89 | 17.21 | 13.4  | 22.60 | 20.63 | 16.95 | 13.1  | 22.67 | 21.86 | 18.18 | 14.4  |
|      | kW      | 11.06                       | 11.05 | 11.02 | 11.1  | 12.47 | 12.46 | 12.43 | 12.5  | 14.04 | 14.03 | 14.01 | 14.1  | 15.74 | 15.73 | 15.71 | 15.8  | 17.65 | 17.64 | 17.61 | 17.7  | 19.88 | 19.87 | 19.84 | 20.0  |
|      | Hi PR   | 268                         | 269   | 271   | 276   | 310   | 311   | 313   | 317   | 353   | 354   | 356   | 361   | 400   | 401   | 403   | 407   | 450   | 451   | 453   | 458   | 504   | 505   | 507   | 512   |
| 6000 | Lo PR   | 118                         | 119   | 122   | 127   | 125   | 126   | 129   | 134   | 131   | 132   | 135   | 140   | 136   | 137   | 140   | 145   | 138   | 142   | 145   | 150   | 147   | 149   | 152   | 156   |

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

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature



|      |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|      |         | 65                          |       |       |       | 75    |       |       |       | 85    |       |       |       | 95    |       |       |       | 105   |       |       |       | 115   |       |       |       |       |
| IDB  | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |       |
| 80   | 4500    | MBh                         | 176.4 | 178.9 | 184.1 | 192.1 | 174.8 | 177.3 | 182.5 | 190.5 | 170.3 | 172.7 | 178.0 | 185.9 | 162.4 | 164.9 | 170.1 | 178.1 | 152.8 | 155.3 | 160.5 | 168.5 | 144.0 | 146.5 | 151.7 | 159.7 |
|      |         | S/T                         | 0.84  | 0.77  | 0.65  | 0.52  | 0.84  | 0.78  | 0.65  | 0.53  | 0.87  | 0.80  | 0.68  | 0.55  | 0.91  | 0.83  | 0.70  | 0.56  | 0.95  | 0.88  | 0.73  | 0.59  | 1.00  | 0.97  | 0.82  | 0.66  |
|      |         | ΔT                          | 29.79 | 27.81 | 24.13 | 20.3  | 29.73 | 27.76 | 24.08 | 20.3  | 30.01 | 28.04 | 24.36 | 20.5  | 29.71 | 27.74 | 24.06 | 20.2  | 29.45 | 27.48 | 23.79 | 20.0  | 29.09 | 28.71 | 25.03 | 21.2  |
|      |         | kW                          | 10.91 | 10.90 | 10.88 | 11.0  | 12.32 | 12.31 | 12.29 | 12.4  | 13.90 | 13.89 | 13.86 | 14.0  | 15.60 | 15.59 | 15.56 | 15.7  | 17.50 | 17.49 | 17.47 | 17.6  | 19.73 | 19.72 | 19.70 | 19.8  |
|      |         | Hi PR                       | 264   | 265   | 267   | 271   | 305   | 306   | 308   | 313   | 348   | 350   | 351   | 356   | 395   | 396   | 398   | 403   | 445   | 447   | 448   | 453   | 499   | 500   | 502   | 507   |
| 5012 | Lo PR   | 114                         | 116   | 118   | 123   | 121   | 122   | 125   | 130   | 127   | 128   | 131   | 136   | 127   | 134   | 136   | 141   | 128   | 139   | 141   | 146   | 143   | 145   | 148   | 153   |       |
|      | MBh     | 178.3                       | 180.8 | 186.0 | 194.0 | 176.7 | 179.2 | 184.4 | 192.4 | 172.2 | 174.6 | 179.9 | 187.8 | 164.3 | 166.8 | 172.0 | 180.0 | 154.7 | 157.2 | 162.4 | 170.4 | 145.9 | 148.4 | 153.6 | 161.6 |       |
|      | S/T     | 0.89                        | 0.82  | 0.69  | 0.55  | 0.90  | 0.82  | 0.69  | 0.55  | 0.93  | 0.85  | 0.72  | 0.57  | 0.96  | 0.89  | 0.74  | 0.59  | 1.00  | 0.93  | 0.78  | 0.62  | 1.00  | 1.00  | 0.86  | 0.69  |       |
|      | ΔT      | 28.83                       | 26.86 | 23.18 | 19.4  | 28.78 | 26.81 | 23.12 | 19.3  | 29.05 | 27.08 | 23.40 | 19.6  | 28.76 | 26.79 | 23.10 | 19.3  | 28.06 | 26.52 | 22.84 | 19.0  | 26.47 | 26.92 | 24.07 | 20.3  |       |
|      | kW      | 10.97                       | 10.96 | 10.94 | 11.0  | 12.38 | 12.37 | 12.35 | 12.5  | 13.95 | 13.94 | 13.92 | 14.0  | 15.66 | 15.65 | 15.62 | 15.7  | 17.56 | 17.55 | 17.53 | 17.6  | 19.79 | 19.78 | 19.76 | 19.9  |       |
| 6000 | Hi PR   | 265                         | 267   | 268   | 273   | 307   | 308   | 310   | 314   | 350   | 351   | 353   | 358   | 397   | 398   | 400   | 404   | 447   | 448   | 450   | 455   | 501   | 502   | 504   | 509   |       |
|      | Lo PR   | 116                         | 117   | 120   | 125   | 122   | 124   | 127   | 132   | 127   | 130   | 133   | 138   | 127   | 135   | 138   | 143   | 139   | 140   | 143   | 148   | 145   | 152   | 149   | 154   |       |
|      | MBh     | 182.9                       | 185.4 | 190.6 | 198.6 | 181.3 | 183.8 | 189.0 | 197.0 | 176.8 | 179.2 | 184.5 | 192.4 | 168.9 | 171.4 | 176.6 | 184.6 | 159.3 | 161.8 | 167.0 | 175.0 | 150.5 | 153.0 | 158.2 | 166.2 |       |
|      | S/T     | 0.99                        | 0.90  | 0.75  | 0.59  | 0.99  | 0.91  | 0.75  | 0.60  | 1.00  | 0.94  | 0.78  | 0.62  | 1.00  | 0.97  | 0.81  | 0.64  | 1.00  | 1.00  | 0.84  | 0.66  | 1.00  | 1.00  | 0.94  | 0.74  |       |
|      | ΔT      | 27.30                       | 25.33 | 21.65 | 17.8  | 27.25 | 25.28 | 21.60 | 17.8  | 26.78 | 25.56 | 21.87 | 18.1  | 25.59 | 25.26 | 21.58 | 17.8  | 24.14 | 24.51 | 21.31 | 17.5  | 22.81 | 23.18 | 22.55 | 18.7  |       |
| 85   | 4500    | kW                          | 11.06 | 11.05 | 11.03 | 11.1  | 12.47 | 12.46 | 12.44 | 12.5  | 14.05 | 14.04 | 14.01 | 14.1  | 15.75 | 15.74 | 15.72 | 15.8  | 17.65 | 17.64 | 17.62 | 17.7  | 19.89 | 19.88 | 19.85 | 20.0  |
|      |         | Hi PR                       | 269   | 270   | 272   | 276   | 310   | 311   | 313   | 318   | 354   | 355   | 357   | 361   | 400   | 401   | 403   | 408   | 451   | 452   | 454   | 458   | 504   | 506   | 507   | 512   |
|      |         | Lo PR                       | 119   | 120   | 123   | 128   | 125   | 127   | 130   | 135   | 131   | 133   | 136   | 141   | 137   | 138   | 141   | 146   | 142   | 153   | 146   | 151   | 148   | 153   | 152   | 157   |
|      |         | MBh                         | 179.3 | 181.8 | 187.0 | 195.0 | 177.8 | 180.2 | 185.5 | 193.5 | 173.2 | 175.7 | 180.9 | 188.9 | 165.3 | 167.8 | 173.0 | 181.0 | 155.7 | 158.2 | 163.4 | 171.4 | 147.0 | 149.4 | 154.7 | 162.6 |
|      |         | S/T                         | 0.93  | 0.86  | 0.74  | 0.61  | 0.94  | 0.87  | 0.75  | 0.62  | 0.97  | 0.90  | 0.77  | 0.64  | 1.00  | 0.93  | 0.80  | 0.66  | 1.00  | 0.98  | 0.84  | 0.69  | 1.00  | 1.00  | 0.92  | 0.76  |
| 5012 | ΔT      | 33.66                       | 31.69 | 28.00 | 24.2  | 33.60 | 31.63 | 27.95 | 24.1  | 33.88 | 31.91 | 28.23 | 24.4  | 33.40 | 31.61 | 27.93 | 24.1  | 31.46 | 31.35 | 27.67 | 23.9  | 29.69 | 30.19 | 28.90 | 25.1  |       |
|      | kW      | 10.94                       | 10.93 | 10.90 | 11.0  | 12.35 | 12.34 | 12.31 | 12.4  | 13.92 | 13.91 | 13.89 | 14.0  | 15.63 | 15.62 | 15.59 | 15.7  | 17.53 | 17.52 | 17.49 | 17.6  | 19.76 | 19.75 | 19.73 | 19.8  |       |
|      | Hi PR   | 265                         | 266   | 268   | 272   | 306   | 307   | 309   | 314   | 350   | 351   | 353   | 357   | 396   | 397   | 399   | 404   | 447   | 448   | 450   | 454   | 500   | 502   | 503   | 508   |       |
|      | Lo PR   | 115                         | 117   | 120   | 125   | 115   | 124   | 127   | 132   | 114   | 130   | 133   | 138   | 134   | 135   | 138   | 143   | 139   | 140   | 143   | 148   | 145   | 147   | 149   | 154   |       |
|      | MBh     | 181.2                       | 183.7 | 188.9 | 196.9 | 179.7 | 182.2 | 187.4 | 195.4 | 175.1 | 177.6 | 182.8 | 190.8 | 167.2 | 169.7 | 174.9 | 182.9 | 157.6 | 160.1 | 165.3 | 173.3 | 148.9 | 151.3 | 156.6 | 164.6 |       |
| 6000 | S/T     | 0.99                        | 0.92  | 0.79  | 0.65  | 1.00  | 0.93  | 0.79  | 0.65  | 1.00  | 0.96  | 0.82  | 0.68  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.89  | 0.73  | 1.00  | 1.00  | 0.98  | 0.81  |       |
|      | ΔT      | 32.70                       | 30.73 | 27.05 | 23.2  | 32.59 | 30.68 | 26.99 | 23.2  | 31.76 | 30.95 | 27.27 | 23.5  | 30.34 | 30.66 | 26.97 | 23.2  | 28.59 | 29.04 | 26.71 | 22.9  | 27.00 | 27.45 | 27.95 | 24.1  |       |
|      | kW      | 11.00                       | 10.99 | 10.96 | 11.1  | 12.41 | 12.40 | 12.37 | 12.5  | 13.98 | 13.97 | 13.95 | 14.1  | 15.68 | 15.67 | 15.65 | 15.8  | 17.59 | 17.58 | 17.55 | 17.7  | 19.82 | 19.81 | 19.78 | 19.9  |       |
|      | Hi PR   | 267                         | 268   | 270   | 274   | 308   | 309   | 311   | 316   | 351   | 353   | 354   | 359   | 398   | 399   | 401   | 406   | 449   | 450   | 452   | 456   | 502   | 503   | 505   | 510   |       |
|      | Lo PR   | 115                         | 119   | 122   | 126   | 124   | 126   | 128   | 133   | 130   | 132   | 134   | 139   | 135   | 137   | 140   | 144   | 140   | 143   | 145   | 149   | 147   | 148   | 151   | 156   |       |
| 85   | 4500    | MBh                         | 185.8 | 188.3 | 193.5 | 201.5 | 184.3 | 186.8 | 192.0 | 200.0 | 179.7 | 182.2 | 187.4 | 195.4 | 171.8 | 174.3 | 179.5 | 187.5 | 162.2 | 164.7 | 169.9 | 177.9 | 153.5 | 155.9 | 161.2 | 169.2 |
|      |         | S/T                         | 1.00  | 1.00  | 0.87  | 0.71  | 1.00  | 1.00  | 0.88  | 0.71  | 1.00  | 1.00  | 0.91  | 0.74  | 1.00  | 1.00  | 0.94  | 0.76  | 1.00  | 1.00  | 0.98  | 0.79  | 1.00  | 1.00  | 0.88  |       |
|      |         | ΔT                          | 28.16 | 28.53 | 25.52 | 21.7  | 27.92 | 28.30 | 25.47 | 21.7  | 27.23 | 27.60 | 25.75 | 21.9  | 26.04 | 26.41 | 25.45 | 21.6  | 24.58 | 24.96 | 25.18 | 21.4  | 23.25 | 23.63 | 24.42 | 22.6  |
|      |         | kW                          | 11.09 | 11.08 | 11.06 | 11.2  | 12.50 | 12.49 | 12.47 | 12.6  | 14.08 | 14.06 | 14.04 | 14.1  | 15.78 | 15.77 | 15.74 | 15.9  | 17.68 | 17.67 | 17.65 | 17.8  | 19.91 | 19.90 | 19.88 | 20.0  |
|      |         | Hi PR                       | 270   | 271   | 273   | 278   | 311   | 313   | 314   | 319   | 355   | 356   | 358   | 362   | 402   | 403   | 405   | 409   | 452   | 453   | 455   | 460   | 506   | 507   | 509   | 513   |
| 6000 | Lo PR   | 120                         | 142   | 125   | 129   | 127   | 143   | 131   | 136   | 133   | 142   | 137   | 142   | 138   | 144   | 143   | 147   | 143   | 145   | 148   | 152   | 150   | 151   | 167   | 159   |       |

|      |         | 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    |
| 6000 | MBh     | 234.4                                      | 237.7 | 244.7 | -     | 232.3 | 235.6 | 242.6 | -     | 226.2 | 229.5 | 236.5 | -     | 215.7                                                                          | 219.0 | 226.0 | -     | 202.8 | 206.1 | 213.1 | -     | 191.1 | 194.4 | 201.4 | -     |
|      | S/T     | 0.58                                       | 0.52  | 0.41  | -     | 0.59  | 0.52  | 0.41  | -     | 0.61  | 0.54  | 0.43  | -     | 0.63                                                                           | 0.56  | 0.44  | -     | 0.66  | 0.59  | 0.46  | -     | 0.75  | 0.67  | 0.52  | -     |
|      | ΔT      | 20.70                                      | 18.72 | 15.04 | -     | 20.64 | 18.67 | 14.99 | -     | 20.92 | 18.95 | 15.27 | -     | 20.62                                                                          | 18.65 | 14.97 | -     | 20.36 | 18.39 | 14.71 | -     | 21.59 | 19.62 | 15.94 | -     |
|      | kW      | 15.40                                      | 15.39 | 15.36 | -     | 17.17 | 17.16 | 17.13 | -     | 19.15 | 19.13 | 19.10 | -     | 21.28                                                                          | 21.27 | 21.24 | -     | 23.67 | 23.66 | 23.63 | -     | 26.47 | 26.46 | 26.42 | -     |
|      | Hi PR   | 266                                        | 267   | 269   | -     | 308   | 309   | 311   | -     | 352   | 353   | 355   | -     | 399                                                                            | 400   | 402   | -     | 450   | 451   | 453   | -     | 504   | 505   | 507   | -     |
| 70   | Lo PR   | 121                                        | 122   | 125   | -     | 128   | 129   | 133   | -     | 134   | 136   | 139   | -     | 140                                                                            | 141   | 144   | -     | 141   | 147   | 150   | -     | 139   | 144   | 154   | -     |
|      | MBh     | 236.0                                      | 239.3 | 246.3 | -     | 233.9 | 237.2 | 244.2 | -     | 227.8 | 231.1 | 238.1 | -     | 217.3                                                                          | 220.6 | 227.6 | -     | 204.4 | 207.7 | 214.7 | -     | 192.7 | 196.0 | 203.0 | -     |
|      | S/T     | 0.60                                       | 0.53  | 0.41  | -     | 0.60  | 0.54  | 0.42  | -     | 0.63  | 0.56  | 0.43  | -     | 0.65                                                                           | 0.58  | 0.45  | -     | 0.68  | 0.60  | 0.46  | -     | 0.77  | 0.68  | 0.53  | -     |
|      | ΔT      | 20.13                                      | 18.16 | 14.48 | -     | 20.08 | 18.10 | 14.42 | -     | 20.35 | 18.38 | 14.70 | -     | 20.06                                                                          | 18.08 | 14.40 | -     | 19.79 | 17.82 | 14.14 | -     | 21.03 | 19.06 | 15.37 | -     |
|      | kW      | 15.45                                      | 15.43 | 15.40 | -     | 17.22 | 17.20 | 17.17 | -     | 19.19 | 19.18 | 19.15 | -     | 21.33                                                                          | 21.31 | 21.28 | -     | 23.71 | 23.70 | 23.67 | -     | 26.51 | 26.50 | 26.47 | -     |
| 8000 | Hi PR   | 267                                        | 268   | 270   | -     | 309   | 310   | 312   | -     | 353   | 354   | 356   | -     | 400                                                                            | 401   | 403   | -     | 451   | 452   | 454   | -     | 505   | 506   | 508   | -     |
|      | Lo PR   | 122                                        | 123   | 126   | -     | 129   | 130   | 133   | -     | 135   | 137   | 140   | -     | 141                                                                            | 142   | 145   | -     | 143   | 147   | 151   | -     | 140   | 145   | 155   | -     |
|      | MBh     | 244.1                                      | 247.4 | 254.4 | -     | 242.0 | 245.3 | 252.3 | -     | 235.9 | 239.2 | 246.2 | -     | 225.4                                                                          | 228.7 | 235.7 | -     | 212.6 | 215.9 | 222.9 | -     | 200.8 | 204.1 | 211.1 | -     |
|      | S/T     | 0.66                                       | 0.58  | 0.44  | -     | 0.66  | 0.58  | 0.44  | -     | 0.69  | 0.61  | 0.46  | -     | 0.71                                                                           | 0.62  | 0.47  | -     | 0.74  | 0.65  | 0.48  | -     | 0.84  | 0.74  | 0.56  | -     |
|      | ΔT      | 18.24                                      | 16.27 | 12.58 | -     | 18.18 | 16.21 | 12.53 | -     | 18.46 | 16.49 | 12.81 | -     | 18.16                                                                          | 16.19 | 12.51 | -     | 17.90 | 15.93 | 12.25 | -     | 19.14 | 17.16 | 13.48 | -     |
| 6000 | kW      | 15.59                                      | 15.58 | 15.55 | -     | 17.36 | 17.35 | 17.32 | -     | 19.33 | 19.32 | 19.29 | -     | 21.47                                                                          | 21.46 | 21.43 | -     | 23.86 | 23.84 | 23.81 | -     | 26.66 | 26.64 | 26.61 | -     |
|      | Hi PR   | 272                                        | 273   | 275   | -     | 313   | 315   | 316   | -     | 357   | 358   | 360   | -     | 404                                                                            | 406   | 407   | -     | 455   | 456   | 458   | -     | 510   | 511   | 513   | -     |
|      | Lo PR   | 126                                        | 127   | 130   | -     | 133   | 135   | 138   | -     | 139   | 141   | 144   | -     | 145                                                                            | 146   | 149   | -     | 148   | 152   | 155   | -     | 145   | 150   | 160   | -     |
| 75   | MBh     | 235.6                                      | 238.9 | 245.9 | 256.6 | 233.5 | 236.8 | 243.8 | 254.5 | 227.4 | 230.7 | 237.7 | 248.4 | 216.9                                                                          | 220.2 | 227.2 | 237.9 | 204.0 | 207.3 | 214.3 | 225.0 | 192.3 | 195.6 | 202.6 | 213.3 |
|      | S/T     | 0.70                                       | 0.64  | 0.52  | 0.40  | 0.71  | 0.64  | 0.52  | 0.40  | 0.73  | 0.67  | 0.54  | 0.42  | 0.76                                                                           | 0.69  | 0.56  | 0.43  | 0.80  | 0.72  | 0.59  | 0.45  | 0.89  | 0.81  | 0.66  | 0.51  |
|      | ΔT      | 25.03                                      | 23.06 | 19.38 | 15.6  | 24.98 | 23.01 | 19.32 | 15.5  | 25.26 | 23.28 | 19.60 | 15.8  | 24.96                                                                          | 22.99 | 19.30 | 15.5  | 24.69 | 22.72 | 19.04 | 15.2  | 25.93 | 23.96 | 20.28 | 16.5  |
|      | kW      | 15.39                                      | 15.38 | 15.35 | 15.5  | 17.16 | 17.15 | 17.12 | 17.3  | 19.14 | 19.12 | 19.09 | 19.2  | 21.27                                                                          | 21.26 | 21.23 | 21.4  | 23.66 | 23.64 | 23.61 | 23.7  | 26.46 | 26.44 | 26.41 | 26.5  |
|      | Hi PR   | 266                                        | 267   | 269   | 274   | 308   | 309   | 311   | 316   | 352   | 353   | 355   | 360   | 399                                                                            | 400   | 402   | 407   | 450   | 451   | 453   | 458   | 504   | 505   | 507   | 512   |
| 6000 | Lo PR   | 121                                        | 122   | 125   | 130   | 128   | 129   | 133   | 138   | 134   | 136   | 139   | 144   | 139                                                                            | 141   | 144   | 149   | 139   | 147   | 150   | 155   | 139   | 145   | 155   | 161   |
|      | MBh     | 237.2                                      | 240.5 | 247.5 | 258.2 | 235.1 | 238.4 | 245.4 | 256.1 | 229.0 | 232.3 | 239.3 | 250.0 | 218.5                                                                          | 221.8 | 228.8 | 239.5 | 205.6 | 208.9 | 215.9 | 226.6 | 193.9 | 197.2 | 204.2 | 214.9 |
|      | S/T     | 0.73                                       | 0.66  | 0.54  | 0.41  | 0.73  | 0.66  | 0.54  | 0.41  | 0.76  | 0.69  | 0.56  | 0.43  | 0.79                                                                           | 0.71  | 0.58  | 0.44  | 0.83  | 0.75  | 0.60  | 0.46  | 0.92  | 0.83  | 0.68  | 0.52  |
|      | ΔT      | 24.47                                      | 22.49 | 18.81 | 15.0  | 24.41 | 22.44 | 18.76 | 14.9  | 24.69 | 22.72 | 19.04 | 15.2  | 24.39                                                                          | 22.42 | 18.74 | 14.9  | 24.13 | 22.16 | 18.47 | 14.7  | 25.36 | 23.39 | 19.71 | 15.9  |
|      | kW      | 15.44                                      | 15.42 | 15.39 | 15.5  | 17.20 | 17.19 | 17.16 | 17.3  | 19.18 | 19.16 | 19.13 | 19.3  | 21.31                                                                          | 21.30 | 21.27 | 21.4  | 23.70 | 23.69 | 23.66 | 23.8  | 26.50 | 26.49 | 26.46 | 26.6  |
| 75   | Hi PR   | 267                                        | 269   | 270   | 275   | 309   | 310   | 312   | 317   | 353   | 354   | 356   | 361   | 400                                                                            | 401   | 403   | 408   | 451   | 452   | 454   | 459   | 505   | 507   | 508   | 513   |
|      | Lo PR   | 122                                        | 123   | 126   | 131   | 129   | 130   | 133   | 139   | 135   | 137   | 140   | 145   | 139                                                                            | 142   | 145   | 150   | 140   | 147   | 151   | 156   | 140   | 146   | 157   | 162   |
|      | MBh     | 245.3                                      | 248.6 | 255.6 | 266.3 | 243.2 | 246.5 | 253.5 | 264.2 | 237.1 | 240.4 | 247.4 | 258.1 | 226.6                                                                          | 229.9 | 236.9 | 247.6 | 213.8 | 217.1 | 224.1 | 234.7 | 202.0 | 205.3 | 212.3 | 223.0 |
|      | S/T     | 0.81                                       | 0.73  | 0.58  | 0.43  | 0.81  | 0.73  | 0.59  | 0.43  | 0.85  | 0.76  | 0.61  | 0.45  | 0.87                                                                           | 0.79  | 0.63  | 0.46  | 0.92  | 0.82  | 0.65  | 0.48  | 1.00  | 0.92  | 0.74  | 0.55  |
|      | ΔT      | 22.57                                      | 20.60 | 16.92 | 13.1  | 22.52 | 20.55 | 16.87 | 13.1  | 22.80 | 20.83 | 17.14 | 13.3  | 22.50                                                                          | 20.53 | 16.85 | 13.0  | 22.24 | 20.26 | 16.58 | 12.8  | 22.96 | 21.50 | 17.82 | 14.0  |
| 8000 | kW      | 15.58                                      | 15.57 | 15.54 | 15.7  | 17.35 | 17.34 | 17.31 | 17.4  | 19.32 | 19.31 | 19.28 | 19.4  | 21.46                                                                          | 21.45 | 21.42 | 21.6  | 23.85 | 23.83 | 23.80 | 23.9  | 26.65 | 26.63 | 26.60 | 26.7  |
|      | Hi PR   | 272                                        | 273   | 275   | 280   | 314   | 315   | 317   | 321   | 357   | 359   | 361   | 365   | 405                                                                            | 406   | 408   | 412   | 456   | 457   | 459   | 463   | 510   | 511   | 513   | 517   |
|      | Lo PR   | 126                                        | 127   | 130   | 135   | 133   | 135   | 138   | 143   | 139   | 141   | 144   | 149   | 140                                                                            | 146   | 149   | 155   | 138   | 152   | 155   | 160   | 148   | 152   | 161   | 166   |
|      |         | Shaded area reflects ACCA (TVA) conditions |       |       |       |       |       |       |       |       |       |       |       | High and low pressures are measured at the liquid and suction access fittings. |       |       |       |       |       |       |       |       |       |       |       |
|      |         | IDB: Entering Indoor Dry Bulb Temperature  |       |       |       |       |       |       |       |       |       |       |       |                                                                                |       |       |       |       |       |       |       |       |       |       |       |

|      |         | 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    |
| 6000 | MBh     | 236.8                       | 240.1 | 247.1 | 257.8 | 234.7 | 238.0 | 245.0 | 255.7 | 228.6 | 231.9 | 238.9 | 249.6 | 218.1 | 221.4 | 228.4 | 239.1 | 205.2 | 208.6 | 215.5 | 226.2 | 193.5 | 196.8 | 203.8 | 214.5 |
|      | S/T     | 0.82                        | 0.75  | 0.63  | 0.51  | 0.83  | 0.76  | 0.64  | 0.51  | 0.86  | 0.79  | 0.66  | 0.53  | 0.89  | 0.82  | 0.68  | 0.55  | 0.93  | 0.86  | 0.72  | 0.57  | 1.00  | 0.95  | 0.80  | 0.64  |
|      | ΔT      | 29.40                       | 27.43 | 23.74 | 19.9  | 29.34 | 27.37 | 23.69 | 19.9  | 29.62 | 27.65 | 23.97 | 20.2  | 29.32 | 27.35 | 23.67 | 19.9  | 29.06 | 27.09 | 23.41 | 19.6  | 29.32 | 28.32 | 24.64 | 20.8  |
|      | kW      | 15.40                       | 15.39 | 15.36 | 15.5  | 17.17 | 17.16 | 17.13 | 17.3  | 19.14 | 19.13 | 19.10 | 19.2  | 21.28 | 21.27 | 21.24 | 21.4  | 23.67 | 23.65 | 23.62 | 23.8  | 26.47 | 26.45 | 26.42 | 26.6  |
|      | Hi PR   | 267                         | 268   | 270   | 274   | 309   | 310   | 312   | 316   | 352   | 354   | 355   | 360   | 400   | 401   | 403   | 407   | 450   | 452   | 453   | 458   | 505   | 506   | 508   | 512   |
| 80   | Lo PR   | 121                         | 123   | 126   | 131   | 127   | 130   | 133   | 138   | 127   | 136   | 139   | 145   | 127   | 142   | 145   | 150   | 127   | 147   | 150   | 155   | 144   | 147   | 157   | 162   |
|      | MBh     | 238.4                       | 241.7 | 248.7 | 259.4 | 236.3 | 239.6 | 246.6 | 257.3 | 230.2 | 233.5 | 240.5 | 251.2 | 219.7 | 223.0 | 230.0 | 240.7 | 206.9 | 210.2 | 217.2 | 227.8 | 195.1 | 198.4 | 205.4 | 216.1 |
|      | S/T     | 0.85                        | 0.78  | 0.66  | 0.53  | 0.86  | 0.79  | 0.66  | 0.53  | 0.89  | 0.82  | 0.68  | 0.55  | 0.92  | 0.85  | 0.71  | 0.56  | 0.97  | 0.89  | 0.74  | 0.59  | 1.00  | 0.98  | 0.83  | 0.66  |
|      | ΔT      | 28.83                       | 26.86 | 23.18 | 19.4  | 28.78 | 26.81 | 23.12 | 19.3  | 29.05 | 27.08 | 23.40 | 19.6  | 28.76 | 26.79 | 23.10 | 19.3  | 28.49 | 26.52 | 22.84 | 19.0  | 27.72 | 27.76 | 24.07 | 20.3  |
|      | kW      | 15.45                       | 15.43 | 15.40 | 15.5  | 17.21 | 17.20 | 17.17 | 17.3  | 19.19 | 19.17 | 19.14 | 19.3  | 21.32 | 21.31 | 21.28 | 21.4  | 23.71 | 23.70 | 23.67 | 23.8  | 26.51 | 26.50 | 26.47 | 26.6  |
| 8000 | Hi PR   | 268                         | 269   | 271   | 276   | 310   | 311   | 313   | 317   | 354   | 355   | 357   | 361   | 401   | 402   | 404   | 408   | 452   | 453   | 455   | 459   | 506   | 507   | 509   | 513   |
|      | Lo PR   | 122                         | 124   | 127   | 132   | 128   | 131   | 134   | 139   | 128   | 137   | 140   | 145   | 127   | 143   | 146   | 151   | 127   | 148   | 151   | 156   | 149   | 148   | 158   | 163   |
|      | MBh     | 246.5                       | 249.9 | 256.8 | 267.5 | 244.5 | 247.8 | 254.7 | 265.4 | 238.3 | 241.6 | 248.6 | 259.3 | 227.8 | 231.1 | 238.1 | 248.8 | 215.0 | 218.3 | 225.3 | 236.0 | 203.3 | 206.6 | 213.5 | 224.2 |
|      | S/T     | 0.96                        | 0.88  | 0.73  | 0.57  | 0.97  | 0.88  | 0.73  | 0.58  | 1.00  | 0.92  | 0.76  | 0.60  | 1.00  | 0.95  | 0.78  | 0.62  | 1.00  | 0.99  | 0.82  | 0.64  | 1.00  | 1.00  | 0.91  | 0.72  |
|      | ΔT      | 26.94                       | 24.97 | 21.29 | 17.5  | 26.89 | 24.91 | 21.23 | 17.4  | 27.08 | 25.19 | 21.51 | 17.7  | 25.89 | 24.89 | 21.21 | 17.4  | 24.43 | 24.63 | 20.95 | 17.1  | 23.10 | 23.47 | 22.18 | 18.4  |
| 6000 | kW      | 15.59                       | 15.58 | 15.55 | 15.7  | 17.36 | 17.35 | 17.31 | 17.5  | 19.33 | 19.32 | 19.29 | 19.4  | 21.47 | 21.45 | 21.42 | 21.6  | 23.86 | 23.84 | 23.81 | 23.9  | 26.66 | 26.64 | 26.61 | 26.7  |
|      | Hi PR   | 272                         | 274   | 275   | 280   | 314   | 315   | 317   | 322   | 358   | 359   | 361   | 366   | 405   | 406   | 408   | 413   | 456   | 457   | 459   | 464   | 510   | 511   | 513   | 518   |
|      | Lo PR   | 126                         | 128   | 131   | 136   | 127   | 135   | 138   | 143   | 140   | 141   | 145   | 150   | 145   | 147   | 150   | 155   | 151   | 152   | 155   | 160   | 157   | 159   | 162   | 167   |
| 85   | MBh     | 240.8                       | 244.1 | 251.1 | 261.7 | 238.7 | 242.0 | 249.0 | 259.6 | 232.6 | 235.9 | 242.8 | 253.5 | 222.0 | 225.3 | 232.3 | 243.0 | 209.2 | 212.5 | 219.5 | 230.2 | 197.5 | 200.8 | 207.8 | 218.4 |
|      | S/T     | 0.91                        | 0.85  | 0.73  | 0.60  | 0.92  | 0.85  | 0.73  | 0.60  | 0.95  | 0.88  | 0.76  | 0.63  | 0.99  | 0.91  | 0.78  | 0.64  | 1.00  | 0.96  | 0.82  | 0.67  | 1.00  | 1.00  | 0.91  | 0.75  |
|      | ΔT      | 33.27                       | 31.30 | 27.61 | 23.8  | 33.21 | 31.24 | 27.56 | 23.7  | 33.49 | 31.52 | 27.84 | 24.0  | 33.19 | 31.22 | 27.54 | 23.7  | 31.70 | 30.96 | 27.28 | 23.5  | 29.92 | 30.42 | 28.51 | 24.7  |
|      | kW      | 15.44                       | 15.42 | 15.39 | 15.5  | 17.20 | 17.19 | 17.16 | 17.3  | 19.18 | 19.16 | 19.13 | 19.3  | 21.31 | 21.30 | 21.27 | 21.4  | 23.70 | 23.69 | 23.66 | 23.8  | 26.50 | 26.49 | 26.46 | 26.6  |
|      | Hi PR   | 268                         | 269   | 271   | 276   | 310   | 311   | 313   | 318   | 354   | 355   | 357   | 361   | 401   | 402   | 404   | 408   | 452   | 453   | 455   | 459   | 506   | 507   | 509   | 514   |
| 6400 | Lo PR   | 115                         | 125   | 128   | 133   | 115   | 132   | 135   | 140   | 115   | 138   | 141   | 146   | 115   | 142   | 147   | 152   | 147   | 141   | 152   | 157   | 154   | 156   | 159   | 164   |
|      | MBh     | 242.4                       | 245.7 | 252.7 | 263.3 | 240.3 | 243.6 | 250.6 | 261.2 | 234.2 | 237.5 | 244.5 | 255.1 | 223.6 | 227.0 | 233.9 | 244.6 | 210.8 | 214.1 | 221.1 | 231.8 | 199.1 | 202.4 | 209.4 | 220.0 |
|      | S/T     | 0.95                        | 0.88  | 0.75  | 0.62  | 0.96  | 0.89  | 0.76  | 0.62  | 0.99  | 0.92  | 0.79  | 0.65  | 1.00  | 0.95  | 0.81  | 0.67  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.94  | 0.77  |
|      | ΔT      | 32.70                       | 30.73 | 27.05 | 23.2  | 32.65 | 30.68 | 26.99 | 23.2  | 32.93 | 30.95 | 27.27 | 23.5  | 31.77 | 30.66 | 26.97 | 23.2  | 29.94 | 30.39 | 26.71 | 22.9  | 28.28 | 28.75 | 27.95 | 24.1  |
|      | kW      | 15.48                       | 15.47 | 15.44 | 15.6  | 17.25 | 17.23 | 17.20 | 17.3  | 19.22 | 19.21 | 19.18 | 19.3  | 21.36 | 21.34 | 21.31 | 21.4  | 23.74 | 23.73 | 23.70 | 23.8  | 26.54 | 26.53 | 26.50 | 26.6  |
| 8000 | Hi PR   | 269                         | 270   | 272   | 277   | 311   | 312   | 314   | 319   | 355   | 356   | 358   | 362   | 402   | 403   | 405   | 410   | 453   | 454   | 456   | 460   | 507   | 508   | 510   | 515   |
|      | Lo PR   | 115                         | 125   | 128   | 134   | 114   | 133   | 136   | 141   | 114   | 139   | 142   | 147   | 143   | 142   | 148   | 153   | 148   | 142   | 153   | 158   | 155   | 156   | 159   | 165   |
|      | MBh     | 250.5                       | 253.8 | 260.8 | 271.5 | 248.4 | 251.7 | 258.7 | 269.4 | 242.3 | 245.6 | 252.6 | 263.3 | 231.8 | 235.1 | 242.1 | 252.7 | 218.9 | 222.2 | 229.2 | 239.9 | 207.2 | 210.5 | 217.5 | 228.2 |
|      | S/T     | 1.00                        | 1.00  | 0.85  | 0.69  | 1.00  | 1.00  | 0.85  | 0.70  | 1.00  | 1.00  | 0.88  | 0.72  | 1.00  | 1.00  | 0.91  | 0.74  | 1.00  | 1.00  | 0.95  | 0.77  | 1.00  | 1.00  | 1.00  | 0.86  |
|      | ΔT      | 28.46                       | 28.84 | 25.16 | 21.3  | 28.23 | 28.60 | 25.10 | 21.3  | 27.53 | 27.91 | 25.38 | 21.6  | 26.34 | 26.71 | 25.08 | 21.3  | 24.88 | 25.25 | 24.82 | 21.0  | 23.54 | 23.92 | 24.71 | 22.2  |
| 8000 | kW      | 15.62                       | 15.61 | 15.58 | 15.7  | 17.39 | 17.38 | 17.35 | 17.5  | 19.37 | 19.35 | 19.32 | 19.5  | 21.50 | 21.49 | 21.46 | 21.6  | 23.89 | 23.88 | 23.84 | 24.0  | 26.69 | 26.68 | 26.64 | 26.8  |
|      | Hi PR   | 274                         | 275   | 277   | 281   | 315   | 317   | 318   | 323   | 359   | 360   | 362   | 367   | 406   | 408   | 409   | 414   | 457   | 458   | 460   | 465   | 512   | 513   | 515   | 519   |
|      | Lo PR   | 128                         | 130   | 133   | 138   | 135   | 143   | 140   | 145   | 142   | 143   | 146   | 151   | 147   | 149   | 152   | 157   | 153   | 154   | 157   | 162   | 159   | 161   | 166   | 169   |

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

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature



|       |         | Outdoor Ambient Temperature               |       |       |       |       |       |       |       |       |       |       |       |                                            |       |       |       |       |       |       |       |       |       |                                                                                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|-------|---------|-------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------------------------------------------------------------------------------|-------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
|       |         | 65                                        |       |       |       | 75    |       |       |       | 85    |       |       |       | 95                                         |       |       |       | 105   |       |       |       | 115   |       |                                                                                |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| IDB   | Airflow | 59                                        | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59                                         | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67                                                                             | 71    |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 70    | MBh     | 296.9                                     | 301.1 | 309.9 | -     | 294.3 | 298.4 | 307.2 | -     | 286.6 | 290.7 | 299.5 | -     | 273.3                                      | 277.5 | 286.3 | -     | 257.1 | 261.3 | 270.1 | -     | 242.3 | 246.5 | 255.3                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T     | 0.56                                      | 0.50  | 0.39  | -     | 0.56  | 0.50  | 0.39  | -     | 0.59  | 0.52  | 0.41  | -     | 0.61                                       | 0.54  | 0.42  | -     | 0.64  | 0.56  | 0.43  | -     | 0.72  | 0.64  | 0.50                                                                           | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | ΔT      | 20.17                                     | 18.21 | 14.55 | -     | 20.12 | 18.16 | 14.50 | -     | 20.39 | 18.43 | 14.78 | -     | 20.10                                      | 18.14 | 14.48 | -     | 19.83 | 17.88 | 14.22 | -     | 21.06 | 19.10 | 15.44                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | kW      | 21.02                                     | 21.01 | 20.96 | -     | 23.43 | 23.41 | 23.37 | -     | 26.12 | 26.10 | 26.06 | -     | 29.03                                      | 29.01 | 28.97 | -     | 32.28 | 32.26 | 32.22 | -     | 36.10 | 36.08 | 36.04                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR   | 280                                       | 281   | 283   | -     | 323   | 325   | 326   | -     | 369   | 370   | 372   | -     | 419                                        | 420   | 422   | -     | 472   | 473   | 475   | -     | 529   | 530   | 532                                                                            | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR   | 122                                       | 123   | 126   | -     | 129   | 130   | 134   | -     | 135   | 137   | 140   | -     | 141                                        | 142   | 145   | -     | 143   | 148   | 151   | -     | 140   | 145   | 155                                                                            | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7650  | MBh     | 297.6                                     | 301.7 | 310.5 | -     | 294.9 | 299.1 | 307.9 | -     | 287.2 | 291.4 | 300.2 | -     | 274.0                                      | 278.1 | 286.9 | -     | 257.8 | 261.9 | 270.7 | -     | 243.0 | 247.1 | 256.0                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T     | 0.57                                      | 0.50  | 0.39  | -     | 0.57  | 0.51  | 0.39  | -     | 0.59  | 0.53  | 0.41  | -     | 0.61                                       | 0.54  | 0.42  | -     | 0.64  | 0.57  | 0.44  | -     | 0.72  | 0.64  | 0.50                                                                           | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | ΔT      | 20.00                                     | 18.04 | 14.38 | -     | 19.95 | 17.99 | 14.33 | -     | 20.22 | 18.26 | 14.60 | -     | 19.93                                      | 17.97 | 14.31 | -     | 19.66 | 17.70 | 14.05 | -     | 20.89 | 18.93 | 15.27                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | kW      | 21.04                                     | 21.02 | 20.98 | -     | 23.45 | 23.43 | 23.39 | -     | 26.14 | 26.12 | 26.08 | -     | 29.05                                      | 29.03 | 28.99 | -     | 32.30 | 32.28 | 32.24 | -     | 36.12 | 36.10 | 36.06                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR   | 280                                       | 281   | 283   | -     | 324   | 325   | 327   | -     | 370   | 371   | 373   | -     | 419                                        | 420   | 422   | -     | 472   | 473   | 475   | -     | 529   | 530   | 532                                                                            | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR   | 122                                       | 123   | 126   | -     | 129   | 131   | 134   | -     | 136   | 137   | 140   | -     | 141                                        | 143   | 146   | -     | 144   | 148   | 151   | -     | 140   | 145   | 155                                                                            | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10000 | MBh     | 310.7                                     | 314.9 | 323.7 | -     | 308.1 | 312.2 | 321.1 | -     | 300.4 | 304.5 | 313.4 | -     | 287.1                                      | 291.3 | 300.1 | -     | 270.9 | 275.1 | 283.9 | -     | 256.1 | 260.3 | 269.1                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T     | 0.63                                      | 0.55  | 0.41  | -     | 0.63  | 0.55  | 0.41  | -     | 0.66  | 0.58  | 0.43  | -     | 0.68                                       | 0.59  | 0.44  | -     | 0.71  | 0.62  | 0.46  | -     | 0.80  | 0.70  | 0.53                                                                           | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | ΔT      | 17.74                                     | 15.78 | 12.12 | -     | 17.69 | 15.73 | 12.07 | -     | 17.96 | 16.00 | 12.34 | -     | 17.67                                      | 15.71 | 12.05 | -     | 17.40 | 15.44 | 11.79 | -     | 18.63 | 16.67 | 13.01                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | kW      | 21.28                                     | 21.26 | 21.22 | -     | 23.69 | 23.67 | 23.63 | -     | 26.38 | 26.36 | 26.32 | -     | 29.29                                      | 29.27 | 29.23 | -     | 32.54 | 32.52 | 32.48 | -     | 36.35 | 36.33 | 36.29                                                                          | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR   | 286                                       | 287   | 289   | -     | 329   | 331   | 333   | -     | 375   | 377   | 378   | -     | 425                                        | 426   | 428   | -     | 478   | 479   | 481   | -     | 535   | 536   | 538                                                                            | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR   | 127                                       | 129   | 132   | -     | 135   | 136   | 139   | -     | 141   | 142   | 146   | -     | 146                                        | 148   | 151   | -     | 149   | 153   | 156   | -     | 147   | 152   | 162                                                                            | -     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7500  | MBh     | 298.4                                     | 302.6 | 311.4 | 324.9 | 295.8 | 300.0 | 308.8 | 322.2 | 288.1 | 292.3 | 301.1 | 314.5 | 274.8                                      | 279.0 | 287.8 | 301.3 | 258.6 | 262.8 | 271.6 | 285.1 | 243.8 | 248.0 | 256.8                                                                          | 270.3 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T     | 0.68                                      | 0.61  | 0.50  | 0.38  | 0.68  | 0.62  | 0.50  | 0.38  | 0.71  | 0.64  | 0.52  | 0.40  | 0.73                                       | 0.66  | 0.54  | 0.41  | 0.77  | 0.70  | 0.56  | 0.43  | 0.86  | 0.78  | 0.63                                                                           | 0.49  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | ΔT      | 24.48                                     | 22.52 | 18.86 | 15.1  | 24.42 | 22.46 | 18.81 | 15.0  | 24.70 | 22.74 | 19.08 | 15.3  | 24.40                                      | 22.44 | 18.79 | 15.0  | 24.14 | 22.18 | 18.53 | 14.7  | 25.37 | 23.41 | 19.75                                                                          | 16.0  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | kW      | 21.01                                     | 20.99 | 20.95 | 21.1  | 23.42 | 23.40 | 23.36 | 23.5  | 26.11 | 26.09 | 26.05 | 26.2  | 29.02                                      | 29.00 | 28.96 | 29.1  | 32.27 | 32.25 | 32.21 | 32.4  | 36.08 | 36.06 | 36.02                                                                          | 36.2  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR   | 280                                       | 281   | 283   | 288   | 324   | 325   | 327   | 332   | 369   | 371   | 373   | 377   | 419                                        | 420   | 422   | 427   | 472   | 473   | 475   | 480   | 529   | 530   | 532                                                                            | 537   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR   | 122                                       | 123   | 126   | 131   | 129   | 130   | 134   | 139   | 135   | 137   | 140   | 145   | 140                                        | 142   | 145   | 150   | 140   | 148   | 151   | 156   | 138   | 146   | 157                                                                            | 162   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7650  | MBh     | 299.1                                     | 303.3 | 312.1 | 325.5 | 296.4 | 300.6 | 309.4 | 322.9 | 288.7 | 292.9 | 301.7 | 315.2 | 275.5                                      | 279.7 | 288.5 | 301.9 | 259.3 | 263.5 | 272.3 | 285.7 | 244.5 | 248.7 | 257.5                                                                          | 270.9 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T     | 0.68                                      | 0.62  | 0.50  | 0.39  | 0.69  | 0.62  | 0.51  | 0.39  | 0.71  | 0.65  | 0.53  | 0.40  | 0.74                                       | 0.67  | 0.54  | 0.41  | 0.78  | 0.70  | 0.57  | 0.43  | 0.87  | 0.79  | 0.64                                                                           | 0.49  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | ΔT      | 24.31                                     | 22.35 | 18.69 | 14.9  | 24.25 | 22.29 | 18.64 | 14.8  | 24.53 | 22.57 | 18.91 | 15.1  | 24.23                                      | 22.27 | 18.62 | 14.8  | 23.97 | 22.01 | 18.35 | 14.6  | 25.20 | 23.24 | 19.58                                                                          | 15.8  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | kW      | 21.03                                     | 21.01 | 20.97 | 21.2  | 23.44 | 23.42 | 23.38 | 23.6  | 26.12 | 26.11 | 26.06 | 26.2  | 29.03                                      | 29.02 | 28.97 | 29.2  | 32.29 | 32.27 | 32.23 | 32.4  | 36.10 | 36.08 | 36.04                                                                          | 36.2  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR   | 280                                       | 281   | 283   | 288   | 324   | 325   | 327   | 332   | 370   | 371   | 373   | 378   | 419                                        | 420   | 422   | 427   | 472   | 474   | 476   | 480   | 529   | 531   | 532                                                                            | 537   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR   | 122                                       | 123   | 127   | 132   | 129   | 131   | 134   | 139   | 136   | 137   | 140   | 145   | 138                                        | 143   | 146   | 151   | 139   | 148   | 151   | 156   | 139   | 147   | 158                                                                            | 163   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10000 | MBh     | 312.2                                     | 316.4 | 325.2 | 338.7 | 309.6 | 313.8 | 322.6 | 336.0 | 301.9 | 306.1 | 314.9 | 328.3 | 288.6                                      | 292.8 | 301.6 | 315.1 | 272.4 | 276.6 | 285.4 | 298.9 | 257.7 | 261.8 | 270.6                                                                          | 284.1 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | S/T     | 0.78                                      | 0.70  | 0.56  | 0.41  | 0.78  | 0.70  | 0.56  | 0.41  | 0.81  | 0.73  | 0.58  | 0.43  | 0.84                                       | 0.75  | 0.60  | 0.44  | 0.88  | 0.79  | 0.62  | 0.45  | 0.98  | 0.88  | 0.70                                                                           | 0.52  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | ΔT      | 22.05                                     | 20.09 | 16.43 | 12.6  | 21.99 | 20.03 | 16.38 | 12.6  | 22.27 | 20.31 | 16.65 | 12.9  | 21.97                                      | 20.01 | 16.36 | 12.6  | 21.71 | 19.75 | 16.09 | 12.3  | 22.94 | 20.98 | 17.32                                                                          | 13.5  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | kW      | 21.26                                     | 21.24 | 21.20 | 21.4  | 23.67 | 23.65 | 23.61 | 23.8  | 26.36 | 26.34 | 26.30 | 26.5  | 29.27                                      | 29.25 | 29.21 | 29.4  | 32.52 | 32.50 | 32.46 | 32.6  | 36.34 | 36.32 | 36.28                                                                          | 36.5  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Hi PR   | 286                                       | 287   | 289   | 294   | 330   | 331   | 333   | 338   | 376   | 377   | 379   | 384   | 425                                        | 426   | 428   | 433   | 478   | 479   | 481   | 486   | 535   | 536   | 538                                                                            | 543   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       | Lo PR   | 127                                       | 129   | 132   | 137   | 135   | 136   | 139   | 144   | 140   | 142   | 146   | 151   | 139                                        | 148   | 151   | 156   | 139   | 153   | 156   | 161   | 139   | 153   | 163                                                                            | 168   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|       |         | IDB: Entering Indoor Dry Bulb Temperature |       |       |       |       |       |       |       |       |       |       |       | Shaded area reflects ACCA (TVA) conditions |       |       |       |       |       |       |       |       |       | High and low pressures are measured at the liquid and suction access fittings. |       |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

|       |         | Outdoor Ambient Temperature |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------|---------|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|       |         | 65                          |       |       |       | 75    |       |       |       | 85    |       |       |       | 95    |       |       |       | 105   |       |       |       | 115   |       |       |       |
| IDB   | Airflow | 59                          | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    | 59    | 63    | 67    | 71    |
| 7500  | MBh     | 300.0                       | 304.1 | 312.9 | 326.4 | 297.3 | 301.5 | 310.3 | 323.8 | 289.6 | 293.8 | 302.6 | 316.1 | 276.4 | 280.5 | 289.3 | 302.8 | 260.2 | 264.3 | 273.1 | 286.6 | 245.4 | 249.5 | 258.4 | 271.8 |
|       | S/T     | 0.79                        | 0.73  | 0.61  | 0.49  | 0.80  | 0.73  | 0.62  | 0.49  | 0.83  | 0.76  | 0.64  | 0.51  | 0.86  | 0.79  | 0.66  | 0.53  | 0.90  | 0.83  | 0.69  | 0.55  | 1.00  | 0.92  | 0.77  | 0.62  |
|       | ΔT      | 28.81                       | 26.85 | 23.20 | 19.4  | 28.76 | 26.80 | 23.14 | 19.4  | 29.04 | 27.08 | 23.42 | 19.6  | 28.74 | 26.78 | 23.12 | 19.3  | 28.48 | 26.52 | 22.86 | 19.1  | 29.71 | 27.75 | 24.09 | 20.3  |
|       | kW      | 21.02                       | 21.00 | 20.96 | 21.1  | 23.43 | 23.41 | 23.37 | 23.6  | 26.12 | 26.10 | 26.06 | 26.2  | 29.03 | 29.01 | 28.97 | 29.2  | 32.28 | 32.26 | 32.22 | 32.4  | 36.10 | 36.08 | 36.04 | 36.2  |
|       | Hi PR   | 280                         | 281   | 283   | 288   | 324   | 325   | 327   | 332   | 370   | 371   | 373   | 378   | 419   | 421   | 422   | 427   | 473   | 474   | 476   | 481   | 529   | 531   | 533   | 537   |
| 80    | Lo PR   | 122                         | 124   | 127   | 132   | 128   | 131   | 134   | 139   | 128   | 137   | 140   | 146   | 127   | 143   | 146   | 151   | 127   | 148   | 151   | 156   | 127   | 148   | 158   | 163   |
|       | MBh     | 300.6                       | 304.8 | 313.6 | 327.1 | 298.0 | 302.1 | 311.0 | 324.4 | 290.3 | 294.4 | 303.3 | 316.7 | 277.0 | 281.2 | 290.0 | 303.5 | 260.8 | 265.0 | 273.8 | 287.3 | 246.0 | 250.2 | 259.0 | 272.5 |
|       | S/T     | 0.80                        | 0.74  | 0.62  | 0.49  | 0.81  | 0.74  | 0.62  | 0.50  | 0.84  | 0.77  | 0.65  | 0.52  | 0.87  | 0.80  | 0.67  | 0.53  | 0.91  | 0.84  | 0.70  | 0.55  | 1.00  | 0.93  | 0.78  | 0.62  |
|       | ΔT      | 28.64                       | 26.68 | 23.03 | 19.2  | 28.59 | 26.63 | 22.97 | 19.2  | 28.86 | 26.91 | 23.25 | 19.5  | 28.57 | 26.61 | 22.95 | 19.2  | 28.31 | 26.35 | 22.69 | 18.9  | 29.24 | 27.58 | 23.92 | 20.1  |
|       | kW      | 21.04                       | 21.02 | 20.98 | 21.2  | 23.45 | 23.43 | 23.39 | 23.6  | 26.14 | 26.12 | 26.08 | 26.3  | 29.05 | 29.03 | 28.99 | 29.2  | 32.30 | 32.28 | 32.24 | 32.4  | 36.11 | 36.09 | 36.05 | 36.2  |
| 10000 | Hi PR   | 281                         | 282   | 284   | 289   | 324   | 326   | 328   | 332   | 370   | 372   | 373   | 378   | 420   | 421   | 423   | 428   | 473   | 474   | 476   | 481   | 530   | 531   | 533   | 538   |
|       | Lo PR   | 122                         | 124   | 127   | 132   | 127   | 131   | 134   | 139   | 127   | 138   | 141   | 146   | 127   | 143   | 146   | 151   | 127   | 148   | 151   | 157   | 145   | 149   | 158   | 163   |
|       | MBh     | 313.8                       | 317.9 | 326.8 | 340.2 | 311.1 | 315.3 | 324.1 | 337.6 | 303.4 | 307.6 | 316.4 | 329.9 | 290.2 | 294.3 | 303.2 | 316.6 | 274.0 | 278.1 | 287.0 | 300.4 | 259.2 | 263.4 | 272.2 | 285.6 |
|       | S/T     | 0.92                        | 0.84  | 0.70  | 0.55  | 0.93  | 0.85  | 0.70  | 0.55  | 0.96  | 0.88  | 0.73  | 0.57  | 1.00  | 0.91  | 0.75  | 0.59  | 1.00  | 0.95  | 0.78  | 0.61  | 1.00  | 1.00  | 0.88  | 0.69  |
|       | ΔT      | 26.38                       | 24.42 | 20.77 | 17.0  | 26.33 | 24.37 | 20.71 | 16.9  | 26.60 | 24.65 | 20.99 | 17.2  | 26.31 | 24.35 | 20.69 | 16.9  | 24.91 | 24.09 | 20.43 | 16.6  | 23.56 | 23.94 | 21.66 | 17.9  |
| 85    | kW      | 21.28                       | 21.26 | 21.22 | 21.4  | 23.69 | 23.67 | 23.62 | 23.8  | 26.37 | 26.36 | 26.31 | 26.5  | 29.28 | 29.27 | 29.22 | 29.4  | 32.54 | 32.52 | 32.48 | 32.7  | 36.35 | 36.33 | 36.29 | 36.5  |
|       | Hi PR   | 286                         | 288   | 290   | 294   | 330   | 331   | 333   | 338   | 376   | 377   | 379   | 384   | 425   | 427   | 429   | 433   | 479   | 480   | 482   | 487   | 536   | 537   | 539   | 544   |
|       | Lo PR   | 128                         | 129   | 132   | 137   | 127   | 137   | 140   | 145   | 127   | 143   | 146   | 151   | 127   | 148   | 151   | 157   | 152   | 152   | 157   | 162   | 159   | 159   | 163   | 169   |
|       | MBh     | 304.9                       | 309.1 | 317.9 | 331.4 | 302.3 | 306.5 | 315.3 | 328.7 | 294.6 | 298.8 | 307.6 | 321.0 | 281.3 | 285.5 | 294.3 | 307.8 | 265.1 | 269.3 | 278.1 | 291.6 | 250.3 | 254.5 | 263.3 | 276.8 |
|       | S/T     | 0.88                        | 0.82  | 0.70  | 0.58  | 0.89  | 0.83  | 0.71  | 0.58  | 0.92  | 0.85  | 0.73  | 0.60  | 0.96  | 0.89  | 0.76  | 0.62  | 1.00  | 0.93  | 0.79  | 0.65  | 1.00  | 1.00  | 0.88  | 0.72  |
| 7500  | ΔT      | 32.66                       | 30.70 | 27.04 | 23.3  | 32.61 | 30.65 | 26.99 | 23.2  | 32.88 | 30.92 | 27.27 | 23.5  | 32.59 | 30.63 | 26.97 | 23.2  | 32.14 | 30.37 | 26.71 | 22.9  | 30.34 | 30.85 | 27.93 | 24.1  |
|       | kW      | 21.07                       | 21.05 | 21.01 | 21.2  | 23.48 | 23.46 | 23.42 | 23.6  | 26.17 | 26.15 | 26.11 | 26.3  | 29.08 | 29.06 | 29.02 | 29.2  | 32.33 | 32.31 | 32.27 | 32.5  | 36.14 | 36.12 | 36.08 | 36.3  |
|       | Hi PR   | 282                         | 283   | 285   | 290   | 325   | 327   | 329   | 333   | 371   | 372   | 374   | 379   | 421   | 422   | 424   | 429   | 474   | 475   | 477   | 482   | 531   | 532   | 534   | 539   |
|       | Lo PR   | 115                         | 125   | 129   | 134   | 114   | 133   | 136   | 141   | 114   | 139   | 142   | 147   | 115   | 142   | 148   | 153   | 148   | 142   | 153   | 158   | 155   | 154   | 160   | 165   |
|       | MBh     | 305.6                       | 309.8 | 318.6 | 332.0 | 302.9 | 307.1 | 315.9 | 329.4 | 295.2 | 299.4 | 308.2 | 321.7 | 282.0 | 286.2 | 295.0 | 308.4 | 265.8 | 270.0 | 278.8 | 292.2 | 251.0 | 255.2 | 264.0 | 277.4 |
| 7650  | S/T     | 0.89                        | 0.83  | 0.71  | 0.59  | 0.90  | 0.84  | 0.71  | 0.59  | 0.93  | 0.86  | 0.74  | 0.61  | 0.97  | 0.90  | 0.76  | 0.63  | 1.00  | 0.94  | 0.80  | 0.66  | 1.00  | 1.00  | 0.89  | 0.73  |
|       | ΔT      | 32.49                       | 30.53 | 26.87 | 23.1  | 32.44 | 30.48 | 26.82 | 23.0  | 32.71 | 30.75 | 27.09 | 23.3  | 32.42 | 30.46 | 26.80 | 23.0  | 31.59 | 30.19 | 26.54 | 22.7  | 29.83 | 30.32 | 27.76 | 24.0  |
|       | kW      | 21.09                       | 21.07 | 21.03 | 21.2  | 23.49 | 23.48 | 23.43 | 23.6  | 26.18 | 26.16 | 26.12 | 26.3  | 29.09 | 29.07 | 29.03 | 29.2  | 32.34 | 32.33 | 32.28 | 32.5  | 36.16 | 36.14 | 36.10 | 36.3  |
|       | Hi PR   | 282                         | 283   | 285   | 290   | 326   | 327   | 329   | 334   | 372   | 373   | 375   | 380   | 421   | 422   | 424   | 429   | 474   | 475   | 477   | 482   | 531   | 532   | 534   | 539   |
|       | Lo PR   | 115                         | 126   | 129   | 134   | 115   | 133   | 136   | 141   | 115   | 139   | 143   | 148   | 115   | 142   | 148   | 153   | 149   | 141   | 153   | 158   | 155   | 156   | 160   | 165   |
| 10000 | MBh     | 318.7                       | 322.9 | 331.7 | 345.2 | 316.1 | 320.3 | 329.1 | 342.5 | 308.4 | 312.6 | 321.4 | 334.8 | 295.1 | 299.3 | 308.1 | 321.6 | 278.9 | 283.1 | 291.9 | 305.4 | 264.2 | 268.3 | 277.1 | 290.6 |
|       | S/T     | 1.00                        | 0.96  | 0.82  | 0.66  | 1.00  | 0.97  | 0.82  | 0.67  | 1.00  | 1.00  | 0.85  | 0.69  | 1.00  | 1.00  | 0.88  | 0.71  | 1.00  | 1.00  | 0.91  | 0.74  | 1.00  | 1.00  | 1.00  | 0.82  |
|       | ΔT      | 28.98                       | 28.27 | 24.61 | 20.8  | 28.74 | 28.22 | 24.56 | 20.8  | 28.04 | 28.42 | 24.83 | 21.0  | 26.83 | 27.21 | 24.54 | 20.7  | 25.36 | 25.74 | 24.28 | 20.5  | 24.01 | 24.39 | 25.19 | 21.7  |
|       | kW      | 21.32                       | 21.30 | 21.26 | 21.4  | 23.73 | 23.71 | 23.67 | 23.9  | 26.42 | 26.40 | 26.36 | 26.5  | 29.33 | 29.31 | 29.27 | 29.5  | 32.58 | 32.56 | 32.52 | 32.7  | 36.40 | 36.38 | 36.34 | 36.5  |
|       | Hi PR   | 288                         | 289   | 291   | 296   | 331   | 333   | 335   | 339   | 377   | 379   | 381   | 385   | 427   | 428   | 430   | 435   | 480   | 481   | 483   | 488   | 537   | 538   | 540   | 545   |
|       | Lo PR   | 130                         | 131   | 134   | 139   | 137   | 138   | 141   | 147   | 143   | 145   | 148   | 153   | 149   | 150   | 153   | 158   | 154   | 156   | 159   | 164   | 161   | 162   | 167   | 170   |

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

Shaded area reflects ACCA (TVA) conditions

IDB: Entering Indoor Dry Bulb Temperature

| DSC1803W High Static |        |         |       |       |       |       |
|----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP            | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T1*                  | 0.2    | 2070    | 436   | 436   | 0.17  | 0.17  |
|                      | 0.4    | 1373    | 539   | 536   | 0.21  | 0.21  |
|                      | 0.6    | 999.7   | 604   | 614   | 0.24  | 0.24  |
|                      | 0.8    | -       | -     | -     | -     | -     |
|                      | 1      | -       | -     | -     | -     | -     |
|                      | 1.2    | -       | -     | -     | -     | -     |
|                      | 1.4    | -       | -     | -     | -     | -     |
|                      | 1.6    | -       | -     | -     | -     | -     |
|                      | 1.8    | -       | -     | -     | -     | -     |
|                      | 2      | -       | -     | -     | -     | -     |
|                      | 2.2    | -       | -     | -     | -     | -     |
| T2*                  | 0.2    | 2121    | 441   | 447   | 0.18  | 0.18  |
|                      | 0.4    | 1357    | 528   | 551   | 0.21  | 0.22  |
|                      | 0.6    | 1035    | 608   | 616   | 0.24  | 0.25  |
|                      | 0.8    | -       | -     | -     | -     | -     |
|                      | 1      | -       | -     | -     | -     | -     |
|                      | 1.2    | -       | -     | -     | -     | -     |
|                      | 1.4    | -       | -     | -     | -     | -     |
|                      | 1.6    | -       | -     | -     | -     | -     |
|                      | 1.8    | -       | -     | -     | -     | -     |
|                      | 2      | -       | -     | -     | -     | -     |
|                      | 2.2    | -       | -     | -     | -     | -     |
| T3                   | 0.2    | 6518    | 631   | 640   | 0.72  | 0.73  |
|                      | 0.4    | 6166    | 686   | 706   | 0.78  | 0.81  |
|                      | 0.6    | 5853    | 741   | 764   | 0.85  | 0.87  |
|                      | 0.8    | 5478    | 803   | 825   | 0.92  | 0.94  |
|                      | 1      | 4895    | 863   | 890   | 0.99  | 1.02  |
|                      | 1.2    | 4431    | 923   | 952   | 1.05  | 1.09  |
|                      | 1.4    | 4051    | 987   | 985   | 1.13  | 1.13  |
|                      | 1.6    | 3388    | 1052  | 1063  | 1.20  | 1.21  |
|                      | 1.8    | 2974    | 1087  | 1100  | 1.24  | 1.26  |
|                      | 2      | 2544    | 1124  | 1132  | 1.28  | 1.29  |
|                      | 2.2    | 2174    | 1153  | 1160  | 1.32  | 1.33  |
| T4                   | 0.2    | 9407    | 785   | 781   | 0.86  | 0.86  |
|                      | 0.4    | 9046    | 821   | 818   | 0.90  | 0.90  |
|                      | 0.6    | 8725    | 857   | 855   | 0.94  | 0.94  |
|                      | 0.8    | 8393    | 895   | 893   | 0.98  | 0.98  |
|                      | 1      | 8084    | 930   | 927   | 1.02  | 1.02  |
|                      | 1.2    | 7749    | 966   | 963   | 1.06  | 1.06  |
|                      | 1.4    | 7302    | 1015  | 1004  | 1.11  | 1.10  |
|                      | 1.6    | 6860    | 1058  | 1045  | 1.16  | 1.15  |
|                      | 1.8    | 6409    | 1105  | 1084  | 1.21  | 1.19  |
|                      | 2      | 5980    | 1146  | 1124  | 1.26  | 1.23  |
|                      | 2.2    | 5493    | 1191  | 1164  | 1.31  | 1.28  |

| DSC1803W HIGH STATIC |        |         |       |       |       |       |
|----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP            | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T5                   | 0.2    | 9342    | 815   | 810   | 1.22  | 1.21  |
|                      | 0.4    | 9023    | 850   | 847   | 1.27  | 1.26  |
|                      | 0.6    | 8740    | 885   | 883   | 1.32  | 1.32  |
|                      | 0.8    | 8449    | 922   | 919   | 1.37  | 1.37  |
|                      | 1      | 8181    | 955   | 951   | 1.42  | 1.42  |
|                      | 1.2    | 7896    | 989   | 986   | 1.47  | 1.47  |
|                      | 1.4    | 7575    | 1027  | 1021  | 1.53  | 1.52  |
|                      | 1.6    | 7205    | 1067  | 1058  | 1.59  | 1.58  |
|                      | 1.8    | 6812    | 1113  | 1095  | 1.66  | 1.63  |
|                      | 2      | 6446    | 1154  | 1133  | 1.72  | 1.69  |
| T6                   | 2.2    | 6010    | 1200  | 1172  | 1.79  | 1.75  |
|                      | 0.2    | 8791    | 766   | 775   | 1.43  | 1.45  |
|                      | 0.4    | 8453    | 824   | 837   | 1.54  | 1.56  |
|                      | 0.6    | 8175    | 870   | 888   | 1.63  | 1.66  |
|                      | 0.8    | 7911    | 912   | 938   | 1.71  | 1.75  |
|                      | 1      | 7640    | 950   | 981   | 1.78  | 1.83  |
|                      | 1.2    | 7386    | 986   | 1016  | 1.84  | 1.90  |
|                      | 1.4    | 7118    | 1028  | 1058  | 1.92  | 1.98  |
|                      | 1.6    | 6582    | 1082  | 1117  | 2.02  | 2.09  |
|                      | 1.8    | 6206    | 1124  | 1158  | 2.10  | 2.16  |
| T7                   | 2      | 5852    | 1172  | 1210  | 2.19  | 2.26  |
|                      | 2.2    | 5455    | 1234  | 1241  | 2.31  | 2.32  |
|                      | 0.2    | 9167    | 790   | 803   | 1.59  | 1.62  |
|                      | 0.4    | 8822    | 848   | 863   | 1.71  | 1.74  |
|                      | 0.6    | 8546    | 902   | 912   | 1.82  | 1.84  |
|                      | 0.8    | 8276    | 937   | 963   | 1.89  | 1.94  |
|                      | 1      | 8015    | 973   | 1005  | 1.96  | 2.02  |
|                      | 1.2    | 7756    | 1010  | 1042  | 2.03  | 2.10  |
|                      | 1.4    | 7462    | 1047  | 1082  | 2.11  | 2.18  |
|                      | 1.6    | 7177    | 1092  | 1119  | 2.20  | 2.25  |
| T8                   | 1.8    | 6673    | 1138  | 1177  | 2.29  | 2.37  |
|                      | 2      | 6364    | 1182  | 1218  | 2.38  | 2.45  |
|                      | 2.2    | 5961    | 1228  | 1267  | 2.47  | 2.55  |
|                      | 0.2    | 9536    | 816   | 828   | 1.77  | 1.79  |
|                      | 0.4    | 9212    | 870   | 885   | 1.89  | 1.92  |
|                      | 0.6    | 8934    | 913   | 932   | 1.98  | 2.02  |
|                      | 0.8    | 8680    | 955   | 977   | 2.07  | 2.12  |
|                      | 1      | 8445    | 990   | 1016  | 2.15  | 2.20  |
|                      | 1.2    | 8170    | 1024  | 1056  | 2.22  | 2.29  |
|                      | 1.4    | 7938    | 1060  | 1093  | 2.30  | 2.37  |
| T8                   | 1.6    | 7669    | 1101  | 1130  | 2.39  | 2.45  |
|                      | 1.8    | 7185    | 1150  | 1150  | 2.49  | 2.49  |
|                      | 2      | 6823    | 1187  | 1227  | 2.57  | 2.66  |
|                      | 2.2    | 6527    | 1231  | 1269  | 2.67  | 2.75  |

Shaded speed tap- Airflow for supplemental heat.

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



| DSC1803W HIGH STATIC |        |         |       |       |       |       |
|----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP            | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T9                   | 0.2    | 9916    | 836   | 849   | 1.95  | 1.98  |
|                      | 0.4    | 9546    | 892   | 912   | 2.08  | 2.13  |
|                      | 0.6    | 9271    | 936   | 954   | 2.18  | 2.22  |
|                      | 0.8    | 9036    | 977   | 1000  | 2.28  | 2.33  |
|                      | 1      | 8766    | 1013  | 1043  | 2.36  | 2.43  |
|                      | 1.2    | 8527    | 1044  | 1080  | 2.43  | 2.52  |
|                      | 1.4    | 8295    | 1092  | 1117  | 2.55  | 2.60  |
|                      | 1.6    | 8073    | 1115  | 1148  | 2.60  | 2.68  |
|                      | 1.8    | 7832    | 1153  | 1185  | 2.69  | 2.76  |
|                      | 2      | 7291    | 1200  | 1240  | 2.80  | 2.89  |
| T10                  | 2.2    | 6979    | 1239  | 1276  | 2.89  | 2.97  |
|                      | 0.2    | 10290   | 859   | 872   | 2.15  | 2.18  |
|                      | 0.4    | 9974    | 913   | 927   | 2.29  | 2.32  |
|                      | 0.6    | 9693    | 957   | 974   | 2.40  | 2.44  |
|                      | 0.8    | 9455    | 996   | 1017  | 2.49  | 2.55  |
|                      | 1      | 9222    | 1030  | 1058  | 2.58  | 2.65  |
|                      | 1.2    | 8986    | 1063  | 1098  | 2.66  | 2.75  |
|                      | 1.4    | 8736    | 1097  | 1132  | 2.75  | 2.84  |
|                      | 1.6    | 8530    | 1127  | 1163  | 2.82  | 2.91  |
|                      | 1.8    | 8305    | 1163  | 1197  | 2.91  | 3.00  |
|                      | 2      | 8016    | 1199  | 1231  | 3.00  | 3.08  |
|                      | 2.2    | 7453    | 1246  | 1284  | 3.12  | 3.22  |

Shaded speed tap- Airflow for supplemental heat.

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

| DSC240W - HIGH STATIC |        |         |       |       |       |       |
|-----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP             | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T1*                   | 0.2    | 6492    | 631   | 620   | 0.71  | 0.70  |
|                       | 0.4    | 6091    | 702   | 733   | 0.79  | 0.83  |
|                       | 0.6    | 5741    | 764   | 793   | 0.86  | 0.89  |
|                       | 0.8    | 5160    | 862   | 847   | 0.97  | 0.95  |
|                       | 1      | 4674    | 906   | 931   | 1.02  | 1.05  |
|                       | 1.2    | 4316    | 953   | 985   | 1.07  | 1.11  |
|                       | 1.4    | 3992    | 999   | 1027  | 1.13  | 1.16  |
|                       | 1.6    | 3577    | 1052  | 1070  | 1.19  | 1.21  |
|                       | 1.8    | 3116    | 1100  | 1100  | 1.24  | 1.24  |
|                       | 2      | 2667    | 1137  | 1153  | 1.28  | 1.30  |
| T2*                   | 2.2    | 2195    | 1164  | 1185  | 1.31  | 1.34  |
|                       | 0.2    | 6962    | 666   | 697   | 0.83  | 0.87  |
|                       | 0.4    | 6573    | 729   | 761   | 0.91  | 0.95  |
|                       | 0.6    | 6187    | 787   | 819   | 0.98  | 1.02  |
|                       | 0.8    | 5633    | 874   | 881   | 1.09  | 1.10  |
|                       | 1      | 5273    | 921   | 936   | 1.15  | 1.17  |
|                       | 1.2    | 4783    | 976   | 1004  | 1.22  | 1.25  |
|                       | 1.4    | 4477    | 1018  | 1053  | 1.27  | 1.32  |
|                       | 1.6    | 4148    | 1061  | 1092  | 1.33  | 1.36  |
|                       | 1.8    | 3728    | 1115  | 1134  | 1.39  | 1.42  |
| T3                    | 2      | 3292    | 1158  | 1174  | 1.45  | 1.47  |
|                       | 2.2    | 2850    | 1193  | 1214  | 1.49  | 1.52  |
|                       | 0.2    | 9902    | 842   | 879   | 1.91  | 1.99  |
|                       | 0.4    | 9514    | 897   | 897   | 2.04  | 2.04  |
|                       | 0.6    | 9220    | 940   | 940   | 2.13  | 2.13  |
|                       | 0.8    | 8949    | 978   | 1019  | 2.22  | 2.31  |
|                       | 1      | 8695    | 1017  | 1060  | 2.31  | 2.41  |
|                       | 1.2    | 8415    | 1054  | 1098  | 2.39  | 2.49  |
|                       | 1.4    | 8158    | 1091  | 1136  | 2.48  | 2.58  |
|                       | 1.6    | 7604    | 1163  | 1184  | 2.64  | 2.69  |
| T4                    | 1.8    | 7336    | 1222  | 1205  | 2.77  | 2.73  |
|                       | 2      | 7034    | 1247  | 1244  | 2.83  | 2.82  |
|                       | 2.2    | 6667    | 1276  | 1306  | 2.90  | 2.96  |
|                       | 0.2    | 11001   | 820   | 859   | 1.81  | 1.90  |
|                       | 0.4    | 10606   | 873   | 909   | 1.93  | 2.01  |
|                       | 0.6    | 10247   | 916   | 954   | 2.02  | 2.11  |
|                       | 0.8    | 9983    | 952   | 994   | 2.10  | 2.20  |
|                       | 1      | 9713    | 987   | 1033  | 2.18  | 2.28  |
|                       | 1.2    | 9445    | 1026  | 1070  | 2.27  | 2.36  |
|                       | 1.4    | 9169    | 1062  | 1108  | 2.35  | 2.45  |
|                       | 1.6    | 8892    | 1095  | 1143  | 2.42  | 2.53  |
|                       | 1.8    | 8261    | 1169  | 1183  | 2.58  | 2.61  |
|                       | 2      | 8010    | 1222  | 1207  | 2.70  | 2.67  |
|                       | 2.2    | 7698    | 1242  | 1259  | 2.74  | 2.78  |

| DSC240W - HIGH STATIC |        |         |       |       |       |       |
|-----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP             | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T5                    | 0.2    | 11135   | 830   | 872   | 2.03  | 2.13  |
|                       | 0.4    | 10732   | 888   | 926   | 2.17  | 2.27  |
|                       | 0.6    | 10412   | 930   | 969   | 2.28  | 2.37  |
|                       | 0.8    | 10166   | 964   | 1008  | 2.36  | 2.47  |
|                       | 1      | 9895    | 1000  | 1046  | 2.45  | 2.56  |
|                       | 1.2    | 9640    | 1036  | 1082  | 2.54  | 2.65  |
|                       | 1.4    | 9397    | 1076  | 1116  | 2.63  | 2.73  |
|                       | 1.6    | 9119    | 1104  | 1153  | 2.70  | 2.82  |
|                       | 1.8    | 8865    | 1138  | 1188  | 2.79  | 2.91  |
|                       | 2      | 8254    | 1221  | 1219  | 2.99  | 2.98  |
| T6                    | 0.2    | 9125    | 822   | 779   | 1.74  | 1.65  |
|                       | 0.4    | 8832    | 860   | 821   | 1.82  | 1.74  |
|                       | 0.6    | 8546    | 898   | 852   | 1.90  | 1.80  |
|                       | 0.8    | 8348    | 935   | 901   | 1.98  | 1.91  |
|                       | 1      | 8158    | 964   | 958   | 2.04  | 2.03  |
|                       | 1.2    | 7887    | 998   | 1007  | 2.11  | 2.13  |
|                       | 1.4    | 7592    | 1029  | 1063  | 2.18  | 2.25  |
|                       | 1.6    | 7272    | 1072  | 1109  | 2.27  | 2.35  |
|                       | 1.8    | -       | -     | -     |       |       |
|                       | 2      | -       | -     | -     |       |       |
| T7                    | 0.2    | 9412    | 852   | 805   | 1.91  | 1.81  |
|                       | 0.4    | 9124    | 888   | 845   | 1.99  | 1.90  |
|                       | 0.6    | 8851    | 925   | 874   | 2.08  | 1.96  |
|                       | 0.8    | 8663    | 960   | 920   | 2.15  | 2.06  |
|                       | 1      | 8490    | 987   | 976   | 2.22  | 2.19  |
|                       | 1.2    | 8232    | 1020  | 1024  | 2.29  | 2.30  |
|                       | 1.4    | 7947    | 1050  | 1079  | 2.36  | 2.42  |
|                       | 1.6    | 7646    | 1090  | 1124  | 2.45  | 2.52  |
|                       | 1.8    | 7366    | 1129  | 1155  | 2.53  | 2.59  |
|                       | 2      | 7134    | 1168  | 1186  | 2.62  | 2.66  |
| T8                    | 0.2    | 9695    | 885   | 834   | 2.10  | 1.98  |
|                       | 0.4    | 9412    | 919   | 871   | 2.19  | 2.07  |
|                       | 0.6    | 9153    | 954   | 897   | 2.27  | 2.13  |
|                       | 0.8    | 8974    | 988   | 942   | 2.35  | 2.24  |
|                       | 1      | 8814    | 1013  | 995   | 2.41  | 2.37  |
|                       | 1.2    | 8568    | 1045  | 1042  | 2.48  | 2.48  |
|                       | 1.4    | 8293    | 1073  | 1095  | 2.55  | 2.60  |
|                       | 1.6    | 8010    | 1111  | 1140  | 2.64  | 2.71  |
|                       | 1.8    | 7743    | 1148  | 1170  | 2.73  | 2.78  |
|                       | 2      | 7518    | 1186  | 1201  | 2.82  | 2.86  |
|                       | 2.2    | 7200    | 1223  | 1229  | 2.91  | 2.92  |

Shaded speed tap- Airflow for supplemental heat.

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

| DSC240W - HIGH STATIC |        |         |       |       |       |       |
|-----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP             | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T9                    | 0.2    | 9881    | 909   | 854   | 2.30  | 2.16  |
|                       | 0.4    | 9602    | 941   | 890   | 2.38  | 2.25  |
|                       | 0.6    | 9353    | 976   | 915   | 2.46  | 2.31  |
|                       | 0.8    | 9179    | 1008  | 959   | 2.55  | 2.42  |
|                       | 1      | 9025    | 1032  | 1009  | 2.61  | 2.55  |
|                       | 1.2    | 8787    | 1063  | 1055  | 2.68  | 2.66  |
|                       | 1.4    | 8519    | 1090  | 1107  | 2.75  | 2.80  |
|                       | 1.6    | 8248    | 1127  | 1151  | 2.85  | 2.91  |
|                       | 1.8    | 7989    | 1163  | 1181  | 2.94  | 2.98  |
|                       | 2      | 7770    | 1199  | 1211  | 3.03  | 3.06  |
| T10                   | 2.2    | 7460    | 1237  | 1239  | 3.12  | 3.13  |
|                       | 0.2    | 10268   | 963   | 902   | 2.58  | 2.41  |
|                       | 0.4    | 9996    | 993   | 935   | 2.66  | 2.50  |
|                       | 0.6    | 9769    | 1025  | 957   | 2.74  | 2.56  |
|                       | 0.8    | 9604    | 1055  | 997   | 2.82  | 2.67  |
|                       | 1      | 9456    | 1077  | 1042  | 2.88  | 2.79  |
|                       | 1.2    | 9235    | 1106  | 1084  | 2.96  | 2.90  |
|                       | 1.4    | 8983    | 1132  | 1133  | 3.03  | 3.03  |
|                       | 1.6    | 8736    | 1164  | 1175  | 3.11  | 3.14  |
|                       | 1.8    | 8496    | 1197  | 1204  | 3.20  | 3.22  |
|                       | 2      | 8288    | 1232  | 1233  | 3.29  | 3.30  |
|                       | 2.2    | 8001    | 1267  | 1259  | 3.39  | 3.37  |

Shaded speed tap- Airflow for supplemental heat.

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



| DSC3003W HIGH STATIC |        |         |       |       |       |       |
|----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP            | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T1*                  | 0.2    | 7629    | 701   | 674   | 1.07  | 1.03  |
|                      | 0.4    | 7314    | 746   | 725   | 1.14  | 1.11  |
|                      | 0.6    | 6969    | 789   | 777   | 1.21  | 1.19  |
|                      | 0.8    | 6701    | 833   | 829   | 1.28  | 1.27  |
|                      | 1      | 6380    | 882   | 892   | 1.35  | 1.37  |
|                      | 1.2    | 6049    | 919   | 939   | 1.41  | 1.44  |
|                      | 1.4    | 5706    | 956   | 994   | 1.46  | 1.52  |
|                      | 1.6    | 5285    | 1010  | 1035  | 1.55  | 1.58  |
|                      | 1.8    | 4952    | 1055  | 1066  | 1.62  | 1.63  |
|                      | 2      | 4673    | 1094  | 1098  | 1.68  | 1.68  |
| T2*                  | 2.2    | 4339    | 1128  | 1134  | 1.73  | 1.74  |
|                      | 0.2    | 7900    | 719   | 690   | 1.17  | 1.12  |
|                      | 0.4    | 7588    | 763   | 739   | 1.24  | 1.20  |
|                      | 0.6    | 7253    | 805   | 787   | 1.31  | 1.28  |
|                      | 0.8    | 6999    | 848   | 839   | 1.38  | 1.37  |
|                      | 1      | 6706    | 893   | 902   | 1.45  | 1.47  |
|                      | 1.2    | 6386    | 929   | 949   | 1.51  | 1.55  |
|                      | 1.4    | 6051    | 966   | 1005  | 1.57  | 1.64  |
|                      | 1.6    | 5649    | 1018  | 1048  | 1.66  | 1.71  |
|                      | 1.8    | 5322    | 1063  | 1079  | 1.73  | 1.76  |
| T3                   | 2      | 5050    | 1102  | 1111  | 1.79  | 1.81  |
|                      | 2.2    | 4712    | 1137  | 1146  | 1.85  | 1.87  |
|                      | 0.2    | 9468    | 859   | 811   | 1.95  | 1.84  |
|                      | 0.4    | 9181    | 894   | 850   | 2.03  | 1.93  |
|                      | 0.6    | 8911    | 930   | 878   | 2.11  | 1.99  |
|                      | 0.8    | 8724    | 966   | 925   | 2.19  | 2.10  |
|                      | 1      | 8554    | 992   | 980   | 2.25  | 2.22  |
|                      | 1.2    | 8298    | 1025  | 1027  | 2.33  | 2.33  |
|                      | 1.4    | 8015    | 1054  | 1082  | 2.39  | 2.45  |
|                      | 1.6    | 7718    | 1094  | 1128  | 2.48  | 2.56  |
| T4                   | 1.8    | 7441    | 1133  | 1158  | 2.57  | 2.63  |
|                      | 2      | 7210    | 1171  | 1189  | 2.66  | 2.70  |
|                      | 2.2    | 6884    | 1209  | 1218  | 2.74  | 2.76  |
|                      | 0.2    | 12723   | 972   | 914   | 2.75  | 2.58  |
|                      | 0.4    | 12364   | 1007  | 952   | 2.84  | 2.69  |
|                      | 0.6    | 12043   | 1044  | 979   | 2.95  | 2.77  |
|                      | 0.8    | 11819   | 1078  | 1026  | 3.04  | 2.90  |
|                      | 1      | 11621   | 1104  | 1079  | 3.12  | 3.05  |
|                      | 1.2    | 11315   | 1137  | 1129  | 3.21  | 3.19  |
|                      | 1.4    | 10969   | 1166  | 1184  | 3.29  | 3.35  |
|                      | 1.6    | 10620   | 1206  | 1231  | 3.41  | 3.48  |
|                      | 1.8    | 10287   | 1244  | 1263  | 3.52  | 3.57  |
|                      | 2      | 10005   | 1283  | 1295  | 3.62  | 3.66  |
|                      | 2.2    | 9606    | 1323  | 1325  | 3.74  | 3.75  |

| DSC3003W HIGH STATIC |        |         |       |       |       |       |
|----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP            | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T5                   | 0.2    | 12849   | 1012  | 948   | 2.99  | 2.80  |
|                      | 0.4    | 12509   | 1044  | 983   | 3.09  | 2.91  |
|                      | 0.6    | 12223   | 1078  | 1006  | 3.18  | 2.98  |
|                      | 0.8    | 12017   | 1109  | 1048  | 3.28  | 3.10  |
|                      | 1      | 11831   | 1131  | 1095  | 3.34  | 3.24  |
|                      | 1.2    | 11553   | 1163  | 1141  | 3.44  | 3.37  |
|                      | 1.4    | 11237   | 1190  | 1191  | 3.52  | 3.52  |
|                      | 1.6    | 10927   | 1224  | 1236  | 3.62  | 3.66  |
|                      | 1.8    | 10626   | 1258  | 1266  | 3.72  | 3.74  |
|                      | 2      | 10366   | 1295  | 1297  | 3.83  | 3.84  |
| T6                   | 2.2    | 10005   | 1333  | 1325  | 3.94  | 3.92  |
|                      | 0.2    | 10268   | 963   | 902   | 2.58  | 2.41  |
|                      | 0.4    | 9996    | 993   | 935   | 2.66  | 2.50  |
|                      | 0.6    | 9769    | 1025  | 957   | 2.74  | 2.56  |
|                      | 0.8    | 9604    | 1055  | 997   | 2.82  | 2.67  |
|                      | 1      | 9456    | 1077  | 1042  | 2.88  | 2.79  |
|                      | 1.2    | 9235    | 1106  | 1084  | 2.96  | 2.90  |
|                      | 1.4    | 8983    | 1132  | 1133  | 3.03  | 3.03  |
|                      | 1.6    | 8736    | 1164  | 1175  | 3.11  | 3.14  |
|                      | 1.8    | 8496    | 1197  | 1204  | 3.20  | 3.22  |
| T7                   | 2      | 8288    | 1232  | 1233  | 3.29  | 3.30  |
|                      | 2.2    | 8001    | 1267  | 1259  | 3.39  | 3.37  |
|                      | 0.2    | 10626   | 1022  | 955   | 2.95  | 2.75  |
|                      | 0.4    | 10361   | 1049  | 984   | 3.03  | 2.84  |
|                      | 0.6    | 10156   | 1080  | 1004  | 3.11  | 2.90  |
|                      | 0.8    | 9995    | 1107  | 1040  | 3.19  | 3.00  |
|                      | 1      | 9842    | 1127  | 1079  | 3.25  | 3.11  |
|                      | 1.2    | 9638    | 1155  | 1117  | 3.33  | 3.22  |
|                      | 1.4    | 9402    | 1179  | 1160  | 3.40  | 3.35  |
|                      | 1.6    | 9176    | 1207  | 1199  | 3.48  | 3.46  |
| T8                   | 1.8    | 8958    | 1236  | 1227  | 3.57  | 3.54  |
|                      | 2      | 8760    | 1269  | 1255  | 3.66  | 3.62  |
|                      | 2.2    | 8502    | 1302  | 1280  | 3.76  | 3.69  |
|                      | 0.2    | 10979   | 1092  | 1017  | 3.41  | 3.17  |
|                      | 0.4    | 10723   | 1116  | 1042  | 3.48  | 3.25  |
|                      | 0.6    | 10544   | 1144  | 1062  | 3.57  | 3.31  |
|                      | 0.8    | 10382   | 1168  | 1093  | 3.65  | 3.41  |
|                      | 1      | 10209   | 1190  | 1123  | 3.71  | 3.51  |
|                      | 1.2    | 10023   | 1216  | 1155  | 3.79  | 3.60  |
|                      | 1.4    | 9804    | 1237  | 1191  | 3.86  | 3.72  |
|                      | 1.6    | 9598    | 1261  | 1225  | 3.93  | 3.82  |
|                      | 1.8    | 9406    | 1285  | 1252  | 4.01  | 3.91  |
|                      | 2      | 9218    | 1314  | 1278  | 4.10  | 3.99  |
|                      | 2.2    | 9000    | 1344  | 1301  | 4.19  | 4.06  |

Shaded speed tap- Airflow for supplemental heat.

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

| DSC3003W HIGH STATIC |        |         |       |       |       |       |
|----------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP            | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T9                   | 0.2    | 11348   | 1185  | 1101  | 4.05  | 3.76  |
|                      | 0.4    | 11101   | 1206  | 1120  | 4.11  | 3.82  |
|                      | 0.6    | 10956   | 1230  | 1142  | 4.20  | 3.90  |
|                      | 0.8    | 10785   | 1250  | 1165  | 4.27  | 3.97  |
|                      | 1      | 10567   | 1275  | 1183  | 4.35  | 4.04  |
|                      | 1.2    | 10402   | 1298  | 1205  | 4.43  | 4.11  |
|                      | 1.4    | 10203   | 1317  | 1230  | 4.49  | 4.20  |
|                      | 1.6    | 10015   | 1335  | 1257  | 4.56  | 4.29  |
|                      | 1.8    | 9858    | 1353  | 1281  | 4.62  | 4.37  |
|                      | 2      | 9682    | 1376  | 1305  | 4.70  | 4.45  |
| T10                  | 2.2    | 9524    | 1400  | 1326  | 4.78  | 4.52  |
|                      | 0.2    | 11679   | 1301  | 1205  | 4.88  | 4.52  |
|                      | 0.4    | 11444   | 1317  | 1219  | 4.94  | 4.57  |
|                      | 0.6    | 11337   | 1338  | 1246  | 5.02  | 4.67  |
|                      | 0.8    | 11145   | 1353  | 1257  | 5.07  | 4.71  |
|                      | 1      | 10847   | 1386  | 1260  | 5.20  | 4.72  |
|                      | 1.2    | 10703   | 1405  | 1267  | 5.27  | 4.75  |
|                      | 1.4    | 10526   | 1421  | 1277  | 5.33  | 4.79  |
|                      | 1.6    | 10353   | 1432  | 1291  | 5.37  | 4.84  |
|                      | 1.8    | 10238   | 1441  | 1313  | 5.40  | 4.93  |
|                      | 2      | 10074   | 1457  | 1333  | 5.47  | 5.00  |
|                      | 2.2    | 10002   | 1473  | 1353  | 5.52  | 5.07  |

Shaded speed tap- Airflow for supplemental heat.

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

| DSC1803D STANDARD STATIC |        |         |       |       |       |       |
|--------------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP                | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T1*                      | 0.2    | 2489    | 442   | 436   | 0.17  | 0.17  |
|                          | 0.4    | 1540    | 561   | 560   | 0.21  | 0.21  |
|                          | 0.6    | 1029    | 619   | 620   | 0.24  | 0.24  |
|                          | 0.8    | 492     | 678   | 677   | 0.26  | 0.26  |
|                          | 1      | -       | -     | -     | -     | -     |
|                          | 1.2    | -       | -     | -     | -     | -     |
| T2*                      | 0.2    | 4085    | 494   | 499   | 0.34  | 0.35  |
|                          | 0.4    | 3417    | 619   | 583   | 0.43  | 0.41  |
|                          | 0.6    | 2773    | 680   | 683   | 0.47  | 0.48  |
|                          | 0.8    | 1974    | 752   | 750   | 0.52  | 0.52  |
|                          | 1      | 1492    | 797   | 795   | 0.55  | 0.55  |
|                          | 1.2    | 1243    | 844   | 841   | 0.59  | 0.59  |
| T3                       | 0.2    | 4888    | 533   | 540   | 0.49  | 0.50  |
|                          | 0.4    | 4424    | 609   | 619   | 0.56  | 0.57  |
|                          | 0.6    | 3767    | 721   | 685   | 0.66  | 0.63  |
|                          | 0.8    | 3225    | 772   | 773   | 0.71  | 0.71  |
|                          | 1      | 2608    | 837   | 833   | 0.77  | 0.76  |
|                          | 1.2    | 2005    | 886   | 883   | 0.81  | 0.81  |
| T4                       | 0.2    | 7235    | 661   | 674   | 1.24  | 1.27  |
|                          | 0.4    | 6874    | 729   | 738   | 1.37  | 1.39  |
|                          | 0.6    | 6579    | 788   | 797   | 1.48  | 1.50  |
|                          | 0.8    | 6301    | 835   | 846   | 1.57  | 1.59  |
|                          | 1      | 6023    | 881   | 895   | 1.65  | 1.68  |
|                          | 1.2    | 5436    | 986   | 940   | 1.85  | 1.77  |
| T5                       | 0.2    | 8207    | 665   | 678   | 1.34  | 1.37  |
|                          | 0.4    | 7783    | 737   | 747   | 1.49  | 1.51  |
|                          | 0.6    | 7436    | 793   | 802   | 1.60  | 1.62  |
|                          | 0.8    | 7098    | 845   | 857   | 1.70  | 1.73  |
|                          | 1      | 6725    | 896   | 909   | 1.81  | 1.83  |
|                          | 1.2    | 6023    | 1002  | 956   | 2.02  | 1.93  |
| T6                       | 0.2    | 6824    | 633   | 644   | 1.04  | 1.06  |
|                          | 0.4    | 6489    | 700   | 710   | 1.15  | 1.16  |
|                          | 0.6    | 6119    | 758   | 767   | 1.24  | 1.26  |
|                          | 0.8    | 5803    | 809   | 820   | 1.33  | 1.35  |
|                          | 1      | 5187    | 916   | 869   | 1.50  | 1.43  |
|                          | 1.2    | 4817    | 964   | 926   | 1.58  | 1.52  |
| T7                       | 0.2    | 7041    | 640   | 653   | 1.10  | 1.13  |
|                          | 0.4    | 6682    | 709   | 719   | 1.22  | 1.24  |
|                          | 0.6    | 6354    | 768   | 777   | 1.33  | 1.34  |
|                          | 0.8    | 6035    | 819   | 830   | 1.41  | 1.43  |
|                          | 1      | 5470    | 917   | 879   | 1.58  | 1.52  |
|                          | 1.2    | 5111    | 971   | 925   | 1.68  | 1.60  |
| T8                       | 0.2    | 7291    | 650   | 663   | 1.19  | 1.21  |
|                          | 0.4    | 6936    | 719   | 728   | 1.32  | 1.33  |
|                          | 0.6    | 6604    | 778   | 786   | 1.42  | 1.44  |
|                          | 0.8    | 6311    | 828   | 840   | 1.51  | 1.54  |
|                          | 1      | 5998    | 877   | 890   | 1.60  | 1.63  |
|                          | 1.2    | 5388    | 980   | 935   | 1.79  | 1.71  |
| T9                       | 0.2    | 7399    | 656   | 669   | 1.23  | 1.26  |
|                          | 0.4    | 7019    | 725   | 734   | 1.36  | 1.38  |
|                          | 0.6    | 7138    | 800   | 815   | 1.50  | 1.53  |
|                          | 0.8    | 6826    | 843   | 851   | 1.59  | 1.60  |
|                          | 1      | 6501    | 888   | 888   | 1.67  | 1.67  |
|                          | 1.2    | 6149    | 942   | 928   | 1.77  | 1.74  |
| T10                      | 0.2    | 7700    | 719   | 739   | 1.39  | 1.42  |
|                          | 0.4    | 7502    | 764   | 782   | 1.47  | 1.51  |
|                          | 0.6    | 7247    | 805   | 821   | 1.55  | 1.58  |
|                          | 0.8    | 6941    | 848   | 857   | 1.63  | 1.65  |
|                          | 1      | 6620    | 892   | 893   | 1.72  | 1.72  |
|                          | 1.2    | 6275    | 946   | 932   | 1.82  | 1.80  |

Shaded speed tap- Airflow for supplemental heat.

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

| DSC2403D STANDARD STATIC |        |         |       |       |       |       |
|--------------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP                | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T1*                      | 0.2    | 4329    | 529   | 538   | 0.30  | 0.31  |
|                          | 0.4    | 3748    | 613   | 632   | 0.35  | 0.36  |
|                          | 0.6    | 3175    | 698   | 713   | 0.40  | 0.41  |
|                          | 0.8    | 2598    | 765   | 776   | 0.44  | 0.45  |
|                          | 1      | 1961    | 826   | 824   | 0.48  | 0.47  |
|                          | 1.2    | 1581    | 861   | 858   | 0.50  | 0.49  |
| T2*                      | 0.2    | 6131    | 630   | 641   | 0.66  | 0.67  |
|                          | 0.4    | 5728    | 698   | 709   | 0.73  | 0.75  |
|                          | 0.6    | 5383    | 751   | 766   | 0.79  | 0.81  |
|                          | 0.8    | 4875    | 824   | 839   | 0.87  | 0.88  |
|                          | 1      | 4430    | 881   | 903   | 0.93  | 0.95  |
|                          | 1.2    | 4032    | 933   | 953   | 0.98  | 1.00  |
| T3                       | 0.2    | 7378    | 770   | 720   | 1.14  | 1.07  |
|                          | 0.4    | 7012    | 770   | 779   | 1.14  | 1.15  |
|                          | 0.6    | 6713    | 819   | 832   | 1.21  | 1.23  |
|                          | 0.8    | 6434    | 862   | 879   | 1.28  | 1.30  |
|                          | 1      | 6147    | 907   | 928   | 1.34  | 1.37  |
|                          | 1.2    | 5641    | 968   | 994   | 1.43  | 1.47  |
| T4                       | 0.2    | 9035    | 831   | 853   | 2.04  | 2.09  |
|                          | 0.4    | 8705    | 885   | 905   | 2.17  | 2.22  |
|                          | 0.6    | 8441    | 931   | 949   | 2.28  | 2.33  |
|                          | 0.8    | 8214    | 972   | 986   | 2.38  | 2.42  |
|                          | 1      | 8010    | 1008  | 1024  | 2.47  | 2.51  |
|                          | 1.2    | 7817    | 1037  | 1057  | 2.54  | 2.59  |
| T5                       | 0.2    | 9243    | 853   | 876   | 2.19  | 2.25  |
|                          | 0.4    | 8881    | 909   | 928   | 2.33  | 2.38  |
|                          | 0.6    | 8628    | 954   | 971   | 2.45  | 2.49  |
|                          | 0.8    | 8428    | 991   | 1006  | 2.54  | 2.58  |
|                          | 1      | 8219    | 1027  | 1042  | 2.64  | 2.68  |
|                          | 1.2    | 8010    | 1058  | 1077  | 2.72  | 2.76  |
| T6                       | 0.2    | 8648    | 779   | 797   | 1.53  | 1.56  |
|                          | 0.4    | 8257    | 839   | 853   | 1.64  | 1.67  |
|                          | 0.6    | 7965    | 884   | 897   | 1.73  | 1.76  |
|                          | 0.8    | 7705    | 928   | 943   | 1.82  | 1.85  |
|                          | 1      | 7445    | 966   | 984   | 1.89  | 1.93  |
|                          | 1.2    | 7209    | 1002  | 1024  | 1.96  | 2.01  |
| T7                       | 0.2    | 9025    | 801   | 820   | 1.71  | 1.75  |
|                          | 0.4    | 8641    | 862   | 877   | 1.84  | 1.87  |
|                          | 0.6    | 8368    | 908   | 921   | 1.94  | 1.97  |
|                          | 0.8    | 8107    | 952   | 965   | 2.03  | 2.06  |
|                          | 1      | 7863    | 986   | 1003  | 2.10  | 2.14  |
|                          | 1.2    | 7616    | 1023  | 1043  | 2.18  | 2.23  |
| T8                       | 0.2    | 9429    | 837   | 846   | 1.94  | 1.96  |
|                          | 0.4    | 9073    | 885   | 900   | 2.05  | 2.09  |
|                          | 0.6    | 8768    | 931   | 945   | 2.16  | 2.19  |
|                          | 0.8    | 8508    | 972   | 987   | 2.26  | 2.29  |
|                          | 1      | 8261    | 1007  | 1024  | 2.34  | 2.38  |
|                          | 1.2    | 8052    | 1043  | 1064  | 2.42  | 2.47  |
| T9                       | 0.2    | 9997    | 863   | 886   | 2.26  | 2.32  |
|                          | 0.4    | 9632    | 919   | 940   | 2.40  | 2.46  |
|                          | 0.6    | 9340    | 967   | 985   | 2.53  | 2.57  |
|                          | 0.8    | 9089    | 1009  | 1024  | 2.64  | 2.68  |
|                          | 1      | 8863    | 1047  | 1063  | 2.74  | 2.78  |
|                          | 1.2    | 8649    | 1077  | 1098  | 2.81  | 2.87  |
| T10                      | 0.2    | 10340   | 881   | 905   | 2.45  | 2.52  |
|                          | 0.4    | 9935    | 939   | 958   | 2.61  | 2.66  |
|                          | 0.6    | 9652    | 986   | 1003  | 2.74  | 2.79  |
|                          | 0.8    | 9429    | 1024  | 1039  | 2.85  | 2.89  |
|                          | 1      | 9195    | 1061  | 1077  | 2.95  | 2.99  |
|                          | 1.2    | 8961    | 1093  | 1112  | 3.04  | 3.09  |

Shaded speed tap- Airflow for supplemental heat.

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



| DSC3003D STANDARD STATIC |        |         |       |       |       |       |
|--------------------------|--------|---------|-------|-------|-------|-------|
| SPEED TAP                | STATIC | AIRFLOW | RPM 1 | RPM 2 | BHP 1 | BHP 2 |
| T1*                      | 0.2    | 5677    | 764   | 679   | 0.75  | 0.67  |
|                          | 0.4    | 5447    | 804   | 725   | 0.79  | 0.71  |
|                          | 0.6    | 5218    | 844   | 773   | 0.83  | 0.76  |
|                          | 0.8    | 4937    | 883   | 822   | 0.87  | 0.81  |
|                          | 1      | 4689    | 923   | 867   | 0.91  | 0.85  |
|                          | 1.2    | 4376    | 963   | 914   | 0.95  | 0.90  |
| T2*                      | 0.2    | 6841    | 842   | 753   | 1.14  | 1.02  |
|                          | 0.4    | 6594    | 790   | 874   | 1.07  | 1.19  |
|                          | 0.6    | 6555    | 802   | 881   | 1.09  | 1.20  |
|                          | 0.8    | 6377    | 907   | 836   | 1.23  | 1.13  |
|                          | 1      | 6174    | 941   | 872   | 1.28  | 1.18  |
|                          | 1.2    | 5651    | 1007  | 959   | 1.37  | 1.30  |
| T3                       | 0.2    | 7993    | 996   | 879   | 1.78  | 1.57  |
|                          | 0.4    | 7824    | 1024  | 913   | 1.83  | 1.63  |
|                          | 0.6    | 7646    | 1052  | 946   | 1.88  | 1.69  |
|                          | 0.8    | 7489    | 1079  | 976   | 1.92  | 1.74  |
|                          | 1      | 7307    | 1104  | 1007  | 1.97  | 1.80  |
|                          | 1.2    | 7131    | 1133  | 1043  | 2.02  | 1.86  |
| T4                       | 0.2    | 10787   | 1065  | 993   | 3.14  | 2.92  |
|                          | 0.4    | 10524   | 1091  | 1020  | 3.21  | 3.01  |
|                          | 0.6    | 10331   | 1120  | 1040  | 3.30  | 3.07  |
|                          | 0.8    | 10170   | 1147  | 1075  | 3.38  | 3.17  |
|                          | 1      | 10010   | 1167  | 1112  | 3.44  | 3.28  |
|                          | 1.2    | 9814    | 1194  | 1147  | 3.52  | 3.38  |
| T5                       | 0.2    | 10969   | 1086  | 1011  | 3.38  | 3.15  |
|                          | 0.4    | 10712   | 1110  | 1036  | 3.46  | 3.23  |
|                          | 0.6    | 10532   | 1138  | 1056  | 3.54  | 3.29  |
|                          | 0.8    | 10369   | 1162  | 1087  | 3.62  | 3.38  |
|                          | 1      | 10197   | 1183  | 1118  | 3.69  | 3.48  |
|                          | 1.2    | 10010   | 1209  | 1150  | 3.76  | 3.58  |
| T6                       | 0.2    | 9218    | 832   | 787   | 1.79  | 1.70  |
|                          | 0.4    | 8927    | 869   | 828   | 1.87  | 1.79  |
|                          | 0.6    | -       | -     | -     | -     | -     |
|                          | 0.8    | -       | -     | -     | -     | -     |
|                          | 1      | -       | -     | -     | -     | -     |
|                          | 1.2    | -       | -     | -     | -     | -     |
| T7                       | 0.2    | 9642    | 879   | 828   | 2.07  | 1.95  |
|                          | 0.4    | 9358    | 913   | 866   | 2.15  | 2.04  |
|                          | 0.6    | 9096    | 949   | 893   | 2.23  | 2.10  |
|                          | 0.8    | 8916    | 983   | 938   | 2.31  | 2.21  |
|                          | 1      | 8754    | 1008  | 991   | 2.37  | 2.33  |
|                          | 1.2    | -       | -     | -     | -     | -     |
| T8                       | 0.2    | 9934    | 1083  | 971   | 2.68  | 2.40  |
|                          | 0.4    | 9735    | 1110  | 999   | 2.75  | 2.47  |
|                          | 0.6    | 9559    | 1138  | 1027  | 2.82  | 2.54  |
|                          | 0.8    | 9379    | 1162  | 1056  | 2.88  | 2.61  |
|                          | 1      | 9201    | 1187  | 1086  | 2.94  | 2.69  |
|                          | 1.2    | 9006    | 1212  | 1120  | 3.00  | 2.77  |
| T9                       | 0.2    | 10398   | 1123  | 1008  | 3.04  | 2.73  |
|                          | 0.4    | 10203   | 1149  | 1034  | 3.11  | 2.80  |
|                          | 0.6    | 10034   | 1176  | 1060  | 3.18  | 2.87  |
|                          | 0.8    | 9863    | 1199  | 1087  | 3.24  | 2.94  |
|                          | 1      | 9698    | 1222  | 1116  | 3.30  | 3.02  |
|                          | 1.2    | 9516    | 1245  | 1147  | 3.37  | 3.10  |
| T10                      | 0.2    | 10958   | 1088  | 1013  | 3.38  | 3.15  |
|                          | 0.4    | 10701   | 1112  | 1038  | 3.45  | 3.22  |
|                          | 0.6    | 10521   | 1140  | 1058  | 3.54  | 3.29  |
|                          | 0.8    | 10359   | 1164  | 1089  | 3.61  | 3.38  |
|                          | 1      | 10187   | 1186  | 1120  | 3.68  | 3.48  |
|                          | 1.2    | 10000   | 1211  | 1152  | 3.76  | 3.58  |

Shaded speed tap- Airflow for supplemental heat.

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

| MODELS: DSC1803D, DSC1804D, DSC1807D • STANDARD STATIC TO 3.5HP (0.2 ~1.2 ESP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM                                                                            | 0.2  |      |      |      |      | 0.4  |      |      |      |      | 0.6  |      |      |      |      |
|                                                                                | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 3600                                                                           | 449  | 462  | 27   | 0.36 | 0.38 | 554  | 551  | 29   | 0.41 | 0.41 | 667  | 640  | 31   | 0.52 | 0.50 |
| 3900                                                                           | 468  | 480  | 28   | 0.36 | 0.37 | 568  | 568  | 30   | 0.43 | 0.43 | 674  | 652  | 32   | 0.54 | 0.52 |
| 4200                                                                           | 486  | 499  | 29   | 0.37 | 0.38 | 583  | 584  | 31   | 0.45 | 0.46 | 682  | 665  | 33   | 0.58 | 0.56 |
| 4500                                                                           | 505  | 518  | 30   | 0.39 | 0.40 | 598  | 601  | 32   | 0.49 | 0.50 | 691  | 678  | 34   | 0.63 | 0.61 |
| 4800                                                                           | 523  | 537  | 32   | 0.42 | 0.44 | 613  | 618  | 34   | 0.54 | 0.55 | 700  | 692  | 36   | 0.69 | 0.68 |
| 5100                                                                           | 542  | 556  | 33   | 0.47 | 0.48 | 628  | 635  | 35   | 0.60 | 0.61 | 710  | 706  | 38   | 0.76 | 0.75 |
| 5400                                                                           | 561  | 575  | 35   | 0.52 | 0.54 | 644  | 652  | 37   | 0.67 | 0.68 | 721  | 721  | 40   | 0.84 | 0.84 |
| 5700                                                                           | 579  | 595  | 37   | 0.59 | 0.60 | 660  | 670  | 39   | 0.76 | 0.77 | 733  | 736  | 42   | 0.93 | 0.94 |
| 6000                                                                           | 598  | 614  | 39   | 0.67 | 0.68 | 676  | 687  | 42   | 0.85 | 0.86 | 745  | 751  | 44   | 1.04 | 1.05 |
| 6300                                                                           | 617  | 634  | 41   | 0.76 | 0.77 | 693  | 705  | 44   | 0.96 | 0.97 | 758  | 767  | 47   | 1.15 | 1.17 |
| 6600                                                                           | 636  | 653  | 43   | 0.86 | 0.88 | 709  | 724  | 47   | 1.07 | 1.09 | 772  | 784  | 50   | 1.28 | 1.30 |
| CFM                                                                            | 0.8  |      |      |      |      | 1    |      |      |      |      | 1.2  |      |      |      |      |
|                                                                                | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 3600                                                                           | 758  | 745  | 36   | 0.76 | 0.75 | 798  | 784  | 34   | 0.74 | 0.71 | 861  | 855  | 37   | 0.90 | 0.87 |
| 3900                                                                           | 756  | 742  | 36   | 0.74 | 0.73 | 808  | 791  | 36   | 0.80 | 0.77 | 872  | 861  | 38   | 0.98 | 0.95 |
| 4200                                                                           | 756  | 741  | 36   | 0.74 | 0.72 | 817  | 800  | 37   | 0.87 | 0.84 | 883  | 868  | 40   | 1.06 | 1.03 |
| 4500                                                                           | 758  | 742  | 36   | 0.76 | 0.74 | 827  | 809  | 39   | 0.94 | 0.91 | 893  | 876  | 42   | 1.15 | 1.12 |
| 4800                                                                           | 761  | 745  | 37   | 0.79 | 0.77 | 836  | 819  | 41   | 1.03 | 1.00 | 904  | 884  | 44   | 1.25 | 1.22 |
| 5100                                                                           | 765  | 750  | 38   | 0.84 | 0.82 | 846  | 829  | 43   | 1.13 | 1.10 | 913  | 892  | 46   | 1.36 | 1.33 |
| 5400                                                                           | 772  | 758  | 39   | 0.91 | 0.89 | 856  | 840  | 45   | 1.23 | 1.21 | 923  | 902  | 49   | 1.48 | 1.44 |
| 5700                                                                           | 779  | 767  | 41   | 0.99 | 0.98 | 866  | 852  | 48   | 1.35 | 1.33 | 932  | 912  | 51   | 1.60 | 1.57 |
| 6000                                                                           | 789  | 778  | 43   | 1.10 | 1.09 | 875  | 865  | 50   | 1.47 | 1.46 | 941  | 922  | 54   | 1.73 | 1.71 |
| 6300                                                                           | 800  | 792  | 46   | 1.22 | 1.22 | 885  | 878  | 53   | 1.61 | 1.61 | 949  | 934  | 57   | 1.87 | 1.86 |
| 6600                                                                           | 812  | 807  | 48   | 1.36 | 1.36 | 895  | 892  | 56   | 1.75 | 1.76 | 957  | 946  | 60   | 2.02 | 2.01 |

| MODELS: DSC2403D, DSC2404D, DSC2407D • STANDARD STATIC TO 3.5HP (0.2 ~1.2 ESP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM                                                                            | 0.2  |      |      |      |      | 0.4  |      |      |      |      | 0.6  |      |      |      |      |
|                                                                                | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 4800                                                                           | 525  | 539  | 31   | 0.42 | 1.18 | 615  | 621  | 33   | 0.53 | 1.07 | 699  | 693  | 35   | 0.66 | 1.05 |
| 5200                                                                           | 550  | 566  | 33   | 0.48 | 1.17 | 635  | 644  | 35   | 0.61 | 1.07 | 712  | 712  | 37   | 0.75 | 1.05 |
| 5600                                                                           | 576  | 593  | 35   | 0.56 | 1.16 | 656  | 668  | 38   | 0.71 | 1.06 | 726  | 731  | 40   | 0.86 | 1.04 |
| 6000                                                                           | 601  | 620  | 38   | 0.65 | 1.15 | 678  | 691  | 40   | 0.82 | 1.05 | 742  | 752  | 43   | 1.00 | 1.03 |
| 6400                                                                           | 627  | 646  | 41   | 0.77 | 1.14 | 700  | 715  | 44   | 0.96 | 1.04 | 759  | 773  | 46   | 1.15 | 1.02 |
| 6800                                                                           | 652  | 672  | 44   | 0.91 | 1.13 | 722  | 739  | 47   | 1.12 | 1.03 | 778  | 794  | 50   | 1.32 | 1.01 |
| 7200                                                                           | 677  | 698  | 48   | 1.06 | 1.12 | 744  | 763  | 51   | 1.30 | 1.03 | 798  | 817  | 54   | 1.52 | 1.01 |
| 7600                                                                           | 702  | 724  | 52   | 1.24 | 1.11 | 767  | 788  | 55   | 1.49 | 1.02 | 819  | 840  | 59   | 1.73 | 1.00 |
| 8000                                                                           | 727  | 750  | 56   | 1.43 | 1.11 | 791  | 812  | 60   | 1.71 | 1.01 | 842  | 865  | 64   | 1.97 | 0.99 |
| 8400                                                                           | 752  | 775  | 61   | 1.65 | 1.10 | 814  | 836  | 65   | 1.95 | 1.00 | 867  | 890  | 69   | 2.22 | 0.99 |
| 8800                                                                           | 777  | 800  | 66   | 1.88 | 1.09 | 838  | 861  | 70   | 2.21 | 0.99 | 892  | 915  | 74   | 2.50 | 0.98 |
| CFM                                                                            | 0.8  |      |      |      |      | 1    |      |      |      |      | 1.2  |      |      |      |      |
|                                                                                | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 4800                                                                           | 777  | 761  | 37   | 0.84 | 0.92 | 860  | 820  | 40   | 1.05 | 0.75 | 908  | 884  | 43   | 1.22 | 0.71 |
| 5200                                                                           | 791  | 776  | 40   | 0.95 | 0.91 | 874  | 834  | 43   | 1.18 | 0.75 | 920  | 896  | 46   | 1.36 | 0.71 |
| 5600                                                                           | 806  | 792  | 43   | 1.08 | 0.91 | 888  | 849  | 46   | 1.32 | 0.74 | 932  | 908  | 49   | 1.51 | 0.70 |
| 6000                                                                           | 821  | 809  | 46   | 1.23 | 0.90 | 900  | 866  | 49   | 1.48 | 0.74 | 944  | 922  | 52   | 1.68 | 0.70 |
| 6400                                                                           | 836  | 828  | 50   | 1.39 | 0.89 | 911  | 883  | 53   | 1.65 | 0.74 | 954  | 937  | 56   | 1.87 | 0.70 |
| 6800                                                                           | 852  | 848  | 53   | 1.57 | 0.89 | 922  | 902  | 57   | 1.84 | 0.73 | 964  | 953  | 60   | 2.07 | 0.70 |
| 7200                                                                           | 868  | 869  | 58   | 1.78 | 0.88 | 931  | 921  | 61   | 2.04 | 0.73 | 973  | 971  | 64   | 2.28 | 0.69 |
| 7600                                                                           | 885  | 892  | 62   | 2.00 | 0.88 | 939  | 942  | 66   | 2.26 | 0.72 | 981  | 989  | 69   | 2.50 | 0.69 |
| 8000                                                                           | 902  | 915  | 67   | 2.23 | 0.87 | 947  | 964  | 71   | 2.49 | 0.72 | 989  | 1009 | 74   | 2.74 | 0.69 |
| 8400                                                                           | 919  | 940  | 72   | 2.49 | 0.87 |      |      |      |      |      |      |      |      |      |      |
| 8800                                                                           |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |

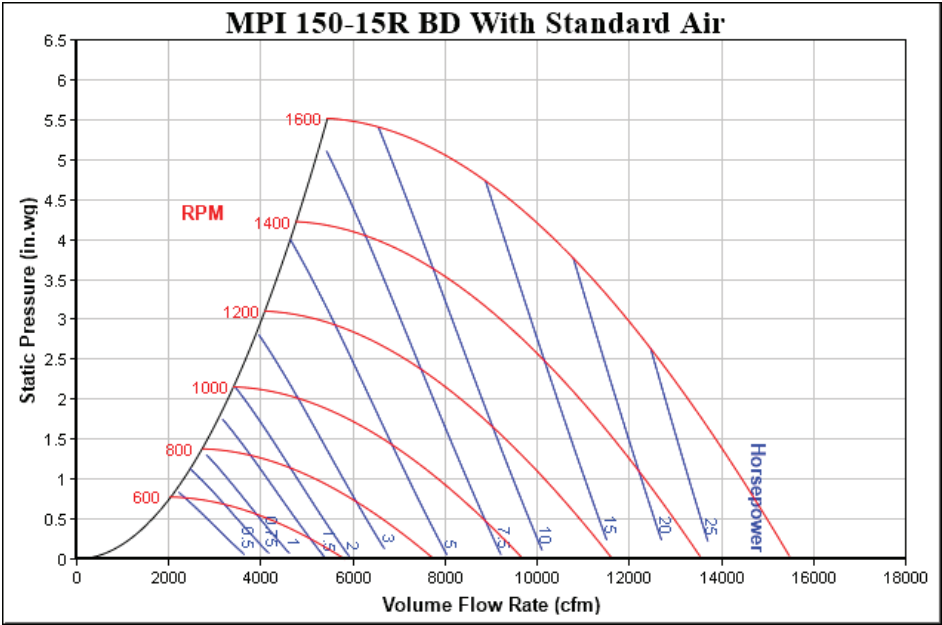
| MODELS: DSC3003D, DSC3004D, DSC3007D • STANDARD STATIC TO 5HP (0.2 ~1.2 ESP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM                                                                          | 0.2  |      |      |      |      | 0.4  |      |      |      |      | 0.6  |      |      |      |      |
|                                                                              | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 7000                                                                         | 648  | 629  | 25   | 0.76 | 0.75 | 715  | 699  | 28   | 0.93 | 0.91 | 781  | 767  | 31   | 1.13 | 1.11 |
| 7500                                                                         | 680  | 656  | 29   | 0.92 | 0.89 | 748  | 726  | 33   | 1.12 | 1.09 | 816  | 792  | 36   | 1.35 | 1.32 |
| 8000                                                                         | 719  | 689  | 35   | 1.13 | 1.09 | 788  | 760  | 38   | 1.37 | 1.32 | 857  | 823  | 42   | 1.62 | 1.56 |
| 8500                                                                         | 765  | 730  | 40   | 1.40 | 1.33 | 835  | 800  | 44   | 1.66 | 1.59 | 904  | 859  | 48   | 1.94 | 1.84 |
| 9000                                                                         | 819  | 777  | 47   | 1.72 | 1.63 | 889  | 847  | 51   | 2.01 | 1.91 | 957  | 902  | 54   | 2.29 | 2.17 |
| 9500                                                                         | 880  | 830  | 54   | 2.10 | 1.97 | 950  | 899  | 58   | 2.41 | 2.27 | 1015 | 952  | 61   | 2.70 | 2.53 |
| 10000                                                                        | 949  | 891  | 61   | 2.53 | 2.37 | 1018 | 958  | 65   | 2.86 | 2.68 | 1079 | 1007 | 68   | 3.14 | 2.93 |
| 10500                                                                        | 1025 | 958  | 69   | 3.01 | 2.81 | 1093 | 1023 | 73   | 3.36 | 3.14 | 1149 | 1069 | 76   | 3.63 | 3.38 |
| 11000                                                                        | 1109 | 1032 | 77   | 3.55 | 3.30 | 1175 | 1094 | 82   | 3.91 | 3.64 | 1225 | 1137 | 84   | 4.16 | 3.86 |
| CFM                                                                          | 0.8  |      |      |      |      | 1    |      |      |      |      | 1.2  |      |      |      |      |
|                                                                              | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 7000                                                                         | 840  | 831  | 34   | 1.30 | 1.29 | 894  | 908  | 36   | 1.48 | 1.50 | 947  | 972  | 39   | 1.69 | 1.73 |
| 7500                                                                         | 874  | 856  | 39   | 1.54 | 1.51 | 925  | 933  | 41   | 1.73 | 1.74 | 979  | 996  | 44   | 1.96 | 1.98 |
| 8000                                                                         | 914  | 886  | 44   | 1.82 | 1.77 | 963  | 961  | 47   | 2.03 | 2.01 | 1018 | 1024 | 50   | 2.27 | 2.26 |
| 8500                                                                         | 959  | 922  | 50   | 2.15 | 2.06 | 1007 | 993  | 53   | 2.37 | 2.31 | 1062 | 1053 | 56   | 2.62 | 2.57 |
| 9000                                                                         | 1010 | 963  | 57   | 2.52 | 2.39 | 1058 | 1029 | 59   | 2.75 | 2.65 | 1112 | 1086 | 62   | 3.01 | 2.91 |
| 9500                                                                         | 1067 | 1009 | 64   | 2.93 | 2.76 | 1115 | 1069 | 66   | 3.18 | 3.02 | 1168 | 1121 | 69   | 3.44 | 3.28 |
| 10000                                                                        | 1129 | 1061 | 71   | 3.38 | 3.17 | 1179 | 1113 | 74   | 3.65 | 3.43 | 1230 | 1159 | 77   | 3.91 | 3.68 |
| 10500                                                                        | 1197 | 1118 | 79   | 3.88 | 3.62 | 1250 | 1161 | 82   | 4.16 | 3.88 | 1298 | 1200 | 84   | 4.41 | 4.11 |
| 11000                                                                        | 1270 | 1181 | 87   | 4.42 | 4.11 | 1328 | 1213 | 90   | 4.71 | 4.36 |      |      |      |      |      |

| MODELS: DSC1803W, DSC1804W, DSC1807W • HIGH STATIC TO 5HP (0.8 ~2.2 ESP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM                                                                      | 0.8  |      |      |      |      | 1    |      |      |      |      | 1.2  |      |      |      |      | 1.4  |      |      |      |      |
|                                                                          | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 4200                                                                     | 689  | 688  | 17   | 1.72 | 0.41 | 761  | 770  | 20   | 1.89 | 0.54 | 836  | 838  | 22   | 1.77 | 0.60 | 994  | 948  | 27   | 2.26 | 0.81 |
| 4500                                                                     | 704  | 704  | 18   | 1.71 | 0.41 | 774  | 782  | 21   | 1.87 | 0.54 | 846  | 847  | 23   | 1.76 | 0.61 | 990  | 949  | 28   | 2.25 | 0.82 |
| 4800                                                                     | 720  | 719  | 19   | 1.70 | 0.41 | 787  | 793  | 22   | 1.86 | 0.55 | 857  | 857  | 24   | 1.74 | 0.63 | 987  | 951  | 29   | 2.23 | 0.84 |
| 5100                                                                     | 736  | 735  | 21   | 1.68 | 0.44 | 801  | 805  | 23   | 1.85 | 0.57 | 868  | 867  | 26   | 1.73 | 0.67 | 985  | 955  | 30   | 2.22 | 0.87 |
| 5400                                                                     | 752  | 751  | 22   | 1.67 | 0.47 | 814  | 818  | 25   | 1.83 | 0.61 | 879  | 878  | 27   | 1.72 | 0.72 | 985  | 959  | 31   | 2.21 | 0.92 |
| 5700                                                                     | 768  | 767  | 24   | 1.66 | 0.52 | 829  | 831  | 27   | 1.82 | 0.66 | 891  | 889  | 29   | 1.71 | 0.78 | 986  | 965  | 32   | 2.19 | 0.99 |
| 6000                                                                     | 785  | 783  | 26   | 1.65 | 0.58 | 843  | 844  | 28   | 1.81 | 0.72 | 903  | 901  | 31   | 1.70 | 0.86 | 989  | 971  | 34   | 2.18 | 1.07 |
| 6300                                                                     | 801  | 799  | 28   | 1.63 | 0.66 | 858  | 858  | 30   | 1.79 | 0.80 | 916  | 913  | 33   | 1.68 | 0.96 | 992  | 978  | 36   | 2.16 | 1.16 |
| 6600                                                                     | 818  | 816  | 30   | 1.62 | 0.75 | 873  | 872  | 32   | 1.78 | 0.90 | 929  | 926  | 35   | 1.67 | 1.06 | 998  | 986  | 38   | 2.15 | 1.27 |
| CFM                                                                      | 1.6  |      |      |      |      | 1.8  |      |      |      |      | 2    |      |      |      |      | 2.2  |      |      |      |      |
|                                                                          | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 4200                                                                     | 1025 | 1009 | 29   | 1.82 | 0.90 | 1070 | 1049 | 30   | 1.36 | 0.99 | 1114 | 1095 | 32   | 1.10 | 1.13 | 1164 | 1140 | 34   | 0.77 | 1.29 |
| 4500                                                                     | 1024 | 1009 | 30   | 1.81 | 0.93 | 1073 | 1051 | 31   | 1.35 | 1.04 | 1119 | 1098 | 34   | 1.10 | 1.20 | 1170 | 1145 | 36   | 0.77 | 1.39 |
| 4800                                                                     | 1025 | 1010 | 31   | 1.79 | 0.97 | 1076 | 1054 | 33   | 1.34 | 1.11 | 1124 | 1101 | 35   | 1.09 | 1.28 | 1177 | 1150 | 38   | 0.77 | 1.49 |
| 5100                                                                     | 1027 | 1013 | 32   | 1.78 | 1.02 | 1080 | 1058 | 34   | 1.34 | 1.18 | 1129 | 1106 | 37   | 1.09 | 1.37 | 1183 | 1155 | 40   | 0.77 | 1.60 |
| 5400                                                                     | 1029 | 1016 | 33   | 1.77 | 1.09 | 1085 | 1062 | 36   | 1.33 | 1.27 | 1135 | 1111 | 38   | 1.09 | 1.47 | 1190 | 1161 | 41   | 0.77 | 1.72 |
| 5700                                                                     | 1033 | 1020 | 35   | 1.76 | 1.17 | 1090 | 1067 | 38   | 1.32 | 1.37 | 1141 | 1116 | 40   | 1.08 | 1.59 | 1196 | 1167 | 43   | 0.77 | 1.85 |
| 6000                                                                     | 1037 | 1025 | 37   | 1.75 | 1.26 | 1096 | 1073 | 40   | 1.32 | 1.49 | 1147 | 1122 | 42   | 1.08 | 1.71 | 1203 | 1173 | 45   | 0.77 | 1.98 |
| 6300                                                                     | 1043 | 1031 | 39   | 1.74 | 1.37 | 1102 | 1080 | 42   | 1.31 | 1.61 | 1153 | 1129 | 44   | 1.07 | 1.84 | 1209 | 1180 | 48   | 0.77 | 2.13 |
| 6600                                                                     | 1049 | 1038 | 41   | 1.73 | 1.50 | 1109 | 1088 | 44   | 1.30 | 1.75 | 1160 | 1136 | 47   | 1.07 | 1.99 | 1216 | 1187 | 50   | 0.76 | 2.29 |

| MODELS: DSC2403W, DSC2404W, DSC2407W • HIGH STATIC TO 5HP (0.8 ~2.2 ESP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM                                                                      | 0.8  |      |      |      |      | 1    |      |      |      |      | 1.2  |      |      |      |      | 1.4  |      |      |      |      |
|                                                                          | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 5600                                                                     | 775  | 789  | 22   | 0.86 | 0.88 | 842  | 861  | 24   | 0.99 | 1.04 | 889  | 918  | 27   | 1.14 | 1.21 | 938  | 985  | 30   | 1.31 | 1.41 |
| 6000                                                                     | 789  | 797  | 25   | 0.95 | 0.97 | 852  | 871  | 27   | 1.10 | 1.14 | 901  | 931  | 30   | 1.26 | 1.33 | 953  | 999  | 33   | 1.46 | 1.55 |
| 6400                                                                     | 807  | 808  | 28   | 1.07 | 1.08 | 866  | 884  | 31   | 1.23 | 1.27 | 916  | 946  | 33   | 1.42 | 1.48 | 970  | 1015 | 36   | 1.63 | 1.72 |
| 6800                                                                     | 828  | 822  | 32   | 1.22 | 1.21 | 883  | 900  | 34   | 1.39 | 1.42 | 936  | 963  | 37   | 1.59 | 1.64 | 991  | 1032 | 40   | 1.82 | 1.90 |
| 7200                                                                     | 853  | 840  | 36   | 1.39 | 1.37 | 906  | 918  | 38   | 1.57 | 1.59 | 959  | 981  | 41   | 1.79 | 1.83 | 1015 | 1050 | 44   | 2.04 | 2.10 |
| 7600                                                                     | 882  | 861  | 40   | 1.59 | 1.56 | 932  | 938  | 42   | 1.79 | 1.79 | 987  | 1002 | 45   | 2.02 | 2.03 | 1043 | 1069 | 49   | 2.28 | 2.31 |
| 8000                                                                     | 914  | 886  | 44   | 1.82 | 1.77 | 963  | 961  | 47   | 2.03 | 2.01 | 1018 | 1024 | 50   | 2.27 | 2.26 | 1074 | 1090 | 53   | 2.54 | 2.54 |
| 8400                                                                     | 950  | 914  | 49   | 2.08 | 2.00 | 998  | 986  | 52   | 2.30 | 2.25 | 1052 | 1047 | 55   | 2.55 | 2.50 | 1108 | 1111 | 58   | 2.82 | 2.79 |
| 8800                                                                     | 989  | 946  | 54   | 2.36 | 2.26 | 1037 | 1014 | 57   | 2.59 | 2.51 |      |      |      |      |      |      |      |      |      |      |
| CFM                                                                      | 1.6  |      |      |      |      | 1.8  |      |      |      |      | 2    |      |      |      |      | 2.2  |      |      |      |      |
|                                                                          | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 5600                                                                     | 1008 | 1042 | 33   | 1.54 | 1.63 | 1066 | 1086 | 36   | 1.75 | 1.82 | 1116 | 1129 | 38   | 1.94 | 1.98 | 1165 | 1175 | 41   | 2.16 | 2.19 |
| 6000                                                                     | 1023 | 1058 | 36   | 1.71 | 1.79 | 1081 | 1101 | 39   | 1.93 | 1.98 | 1132 | 1143 | 41   | 2.12 | 2.16 | 1182 | 1189 | 45   | 2.35 | 2.38 |
| 6400                                                                     | 1040 | 1074 | 40   | 1.89 | 1.97 | 1099 | 1117 | 43   | 2.12 | 2.17 | 1149 | 1159 | 45   | 2.32 | 2.35 | 1199 | 1203 | 48   | 2.56 | 2.57 |
| 6800                                                                     | 1060 | 1091 | 44   | 2.09 | 2.16 | 1118 | 1134 | 47   | 2.33 | 2.36 | 1168 | 1175 | 49   | 2.54 | 2.55 | 1219 | 1217 | 52   | 2.78 | 2.78 |
| 7200                                                                     | 1083 | 1108 | 48   | 2.31 | 2.36 | 1139 | 1150 | 51   | 2.56 | 2.57 | 1189 | 1191 | 53   | 2.77 | 2.77 | 1239 | 1232 | 56   | 3.02 | 2.99 |
| 7600                                                                     | 1109 | 1127 | 52   | 2.56 | 2.58 | 1163 | 1168 | 55   | 2.80 | 2.80 | 1212 | 1208 | 58   | 3.02 | 3.00 | 1261 | 1247 | 61   | 3.28 | 3.22 |
| 8000                                                                     | 1137 | 1146 | 57   | 2.82 | 2.82 | 1189 | 1186 | 60   | 3.06 | 3.03 | 1237 | 1225 | 62   | 3.29 | 3.24 | 1285 | 1262 | 65   | 3.55 | 3.46 |
| 8400                                                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 8800                                                                     |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



| MODELS: DSC3003W, DSC3004W, DSC3007W • STANDARD STATIC TO 5HP (0.8 ~2.2 ESP) |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| CFM                                                                          | 0.8  |      |      |      |      | 1    |      |      |      |      | 1.2  |      |      |      |      | 1.4  |      |      |      |      |
|                                                                              | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 7000                                                                         | 840  | 831  | 34   | 1.30 | 1.29 | 894  | 908  | 36   | 1.48 | 1.50 | 947  | 972  | 39   | 1.69 | 1.73 | 1003 | 1041 | 42   | 1.93 | 2.00 |
| 7500                                                                         | 874  | 856  | 39   | 1.54 | 1.51 | 925  | 933  | 41   | 1.73 | 1.74 | 979  | 996  | 44   | 1.96 | 1.98 | 1036 | 1064 | 48   | 2.21 | 2.26 |
| 8000                                                                         | 914  | 886  | 44   | 1.82 | 1.77 | 963  | 961  | 47   | 2.03 | 2.01 | 1018 | 1024 | 50   | 2.27 | 2.26 | 1074 | 1090 | 53   | 2.54 | 2.54 |
| 8500                                                                         | 959  | 922  | 50   | 2.15 | 2.06 | 1007 | 993  | 53   | 2.37 | 2.31 | 1062 | 1053 | 56   | 2.62 | 2.57 | 1117 | 1117 | 59   | 2.90 | 2.86 |
| 9000                                                                         | 1010 | 963  | 57   | 2.52 | 2.39 | 1058 | 1029 | 59   | 2.75 | 2.65 | 1112 | 1086 | 62   | 3.01 | 2.91 | 1165 | 1146 | 66   | 3.29 | 3.20 |
| 9500                                                                         | 1067 | 1009 | 64   | 2.93 | 2.76 | 1115 | 1069 | 66   | 3.18 | 3.02 | 1168 | 1121 | 69   | 3.44 | 3.28 | 1218 | 1177 | 73   | 3.72 | 3.57 |
| 10000                                                                        | 1129 | 1061 | 71   | 3.38 | 3.17 | 1179 | 1113 | 74   | 3.65 | 3.43 | 1230 | 1159 | 77   | 3.91 | 3.68 | 1276 | 1209 | 80   | 4.18 | 3.96 |
| 10500                                                                        | 1197 | 1118 | 79   | 3.88 | 3.62 | 1250 | 1161 | 82   | 4.16 | 3.88 | 1298 | 1200 | 84   | 4.41 | 4.11 | 1340 | 1244 | 88   | 4.68 | 4.38 |
| 11000                                                                        | 1270 | 1181 | 87   | 4.42 | 4.11 | 1328 | 1213 | 90   | 4.71 | 4.36 | 1371 | 1243 | 93   | 4.96 | 4.58 | 1408 | 1280 | 96   | 5.21 | 4.82 |
| CFM                                                                          | 1.6  |      |      |      |      | 1.8  |      |      |      |      | 2    |      |      |      |      | 2.2  |      |      |      |      |
|                                                                              | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 | RPM1 | RPM2 | DDC% | BHP1 | BHP2 |
| 7000                                                                         | 1072 | 1099 | 46   | 2.20 | 2.26 | 1128 | 1142 | 49   | 2.44 | 2.47 | 1179 | 1183 | 51   | 2.65 | 2.66 | 1229 | 1225 | 54   | 2.90 | 2.88 |
| 7500                                                                         | 1102 | 1122 | 51   | 2.50 | 2.52 | 1157 | 1164 | 54   | 2.74 | 2.74 | 1206 | 1203 | 56   | 2.96 | 2.94 | 1256 | 1243 | 59   | 3.21 | 3.16 |
| 8000                                                                         | 1137 | 1146 | 57   | 2.82 | 2.82 | 1189 | 1186 | 60   | 3.06 | 3.03 | 1237 | 1225 | 62   | 3.29 | 3.24 | 1285 | 1262 | 65   | 3.55 | 3.46 |
| 8500                                                                         | 1175 | 1171 | 63   | 3.18 | 3.13 | 1224 | 1210 | 65   | 3.42 | 3.35 | 1270 | 1247 | 68   | 3.65 | 3.56 | 1316 | 1282 | 71   | 3.90 | 3.78 |
| 9000                                                                         | 1218 | 1197 | 69   | 3.56 | 3.47 | 1262 | 1234 | 72   | 3.80 | 3.68 | 1306 | 1270 | 74   | 4.03 | 3.90 | 1350 | 1302 | 77   | 4.28 | 4.11 |
| 9500                                                                         | 1265 | 1224 | 76   | 3.98 | 3.83 | 1303 | 1260 | 78   | 4.21 | 4.04 | 1344 | 1294 | 81   | 4.45 | 4.26 | 1386 | 1323 | 83   | 4.69 | 4.46 |
| 10000                                                                        | 1316 | 1252 | 83   | 4.43 | 4.21 | 1348 | 1286 | 85   | 4.64 | 4.42 | 1386 | 1318 | 87   | 4.88 | 4.63 | 1424 | 1343 | 89   | 5.11 | 4.83 |
| 10500                                                                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
| 11000                                                                        |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |



| AIRFLOW PRESSURE DROP OF DOWNFLOW ECONOMIZER FOR 15 TO 25 TON ROOFTOP UNITS (100% RETURN AIR) |      |      |      |      |      |      |      |      |      |      |      |       |
|-----------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|-------|
| SCFM                                                                                          | 4500 | 5000 | 5500 | 6000 | 6500 | 7000 | 7500 | 8000 | 8500 | 9000 | 9500 | 10000 |
| (In WG)                                                                                       | 0.15 | 0.18 | 0.22 | 0.27 | 0.32 | 0.37 | 0.42 | 0.48 | 0.55 | 0.61 | 0.69 | 0.76  |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |      |     | INDOOR FAN MOTOR |     |      | OPTIONAL ELECTRIC HEAT |           |           | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |         |
|--------------|-------------------|------------|------|-----|-------------------|------|-----|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|-------------------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP   | FLA | QTY              | HP  | FLA  | PART #                 | KW*       | FLA       | FLA                                 | FLA                    | FLA                                 | MCA          | MOP     |
| DSC1803D     | 208/230/3/60      | 2          | 25.0 | 179 | 3                 | 0.33 | 2.0 | 2                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | -                                   | 84.1/84.1    | 100/100 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 4.8                    | -                                   | 88.9/88.9    | 110/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | -                      | 13.9                                | 98.0/98.0    | 110/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | -                                   | 93.7/92.8    | 110/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 4.8                    | -                                   | 98.5/97.6    | 110/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 13.9                                | 108/107      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH**-3L30              | 21.6/28.8 | 60.0/69.3 | -                                   | -                      | -                                   | 102/114      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 108/120      | 110/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 120/131      | 125/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 114/125      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 120/131      | 125/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 132/142      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH**-3L45              | 32.4/43.2 | 90.1/104  | -                                   | -                      | -                                   | 140/157      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 146/163      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 157/175      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 152/168      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 158/174      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 169/185      | 175/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH**-3L60              | 43.3/57.6 | 120/139   | -                                   | -                      | -                                   | 177/166      | 200/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 183/172      | 200/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 195/183      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 189/177      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 195/183      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 207/194      | 225/200 |
| DSC1803W     | 208/230/3/60      | 2          | 25.0 | 179 | 3                 | 0.33 | 2.0 | 2                | 5.0 | 14.5 | -                      | -         | -         | -                                   | -                      | -                                   | 91.3/91.3    | 110/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | 4.8                    | -                                   | 96.1/96.1    | 110/110 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | -                                   | -                      | 13.9                                | 105/105      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | -                                   | 101/100      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 4.8                    | -                                   | 106/105      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 13.9                                | 115/114      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH**-3L30              | 21.6/28.8 | 60.0/69.3 | -                                   | -                      | -                                   | 111/123      | 125/125 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 117/129      | 125/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 129/140      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 123/134      | 125/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 129/140      | 150/150 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 141/151      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH**-3L45              | 32.4/43.2 | 90.1/104  | -                                   | -                      | -                                   | 149/166      | 150/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 155/172      | 175/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 166/184      | 175/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 161/177      | 175/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 167/183      | 175/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 178/194      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      | EH**-3L60              | 43.3/57.6 | 120/139   | -                                   | -                      | -                                   | 186/175      | 200/175 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/181      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/192      | 225/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/186      | 200/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/192      | 225/200 |
|              |                   |            |      |     |                   |      |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/203      | 225/225 |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |      |      | INDOOR FAN MOTOR |     |      | OPTIONAL ELECTRIC HEAT |      |      | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |     |
|--------------|-------------------|------------|------|-----|-------------------|------|------|------------------|-----|------|------------------------|------|------|-------------------------------------|------------------------|-------------------------------------|--------------|-----|
|              |                   | QTY        | RLA  | LRA | QTY               | HP   | FLA  | QTY              | HP  | FLA  | PART #                 | KW*  | FLA  | FLA                                 | FLA                    | FLA                                 | MCA          | MOP |
| DSC1804D     | 460/3/60          | 2          | 10.9 | 103 | 3                 | 0.33 | 0.85 | 2                | 3.5 | 7.2  | -                      | -    | -    | -                                   | -                      | -                                   | 41.4         | 50  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | -                                   | 2.4                    | -                                   | 43.8         | 50  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | -                                   | -                      | 8.1                                 | 49.5         | 60  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | -                                   | 45.7         | 50  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | 2.4                    | -                                   | 48.1         | 50  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 8.1                                 | 53.8         | 60  |
|              |                   |            |      |     |                   |      |      |                  |     |      | EH**-4L30              | 28.8 | 34.6 | -                                   | -                      | -                                   | 61.3         | 70  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 64.3         | 70  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 71.4         | 80  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 66.7         | 70  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 69.7         | 70  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 76.8         | 80  |
|              |                   |            |      |     |                   |      |      |                  |     |      | EH**-4L45              | 43.2 | 52.0 | -                                   | -                      | -                                   | 83.0         | 90  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 86.0         | 90  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 93.1         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 88.3         | 90  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 91.3         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 98.5         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      | EH**-4L60              | 57.6 | 69.3 | -                                   | -                      | -                                   | 87.3         | 90  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 90.3         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 97.4         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 92.7         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 95.7         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 103          | 110 |
| DSC1804W     | 460/3/60          | 2          | 10.9 | 103 | 3                 | 0.33 | 0.85 | 2                | 5.0 | 10.6 | -                      | -    | -    | -                                   | -                      | -                                   | 48.2         | 50  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | -                                   | 2.4                    | -                                   | 50.6         | 60  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | -                                   | -                      | 8.1                                 | 56.3         | 60  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | -                                   | 52.5         | 60  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | 2.4                    | -                                   | 54.9         | 60  |
|              |                   |            |      |     |                   |      |      |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 8.1                                 | 60.6         | 70  |
|              |                   |            |      |     |                   |      |      |                  |     |      | EH**-4L30              | 28.8 | 34.6 | -                                   | -                      | -                                   | 69.8         | 70  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 72.8         | 80  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 79.9         | 80  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 75.2         | 80  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 78.2         | 80  |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 85.3         | 90  |
|              |                   |            |      |     |                   |      |      |                  |     |      | EH**-4L45              | 43.2 | 52.0 | -                                   | -                      | -                                   | 91.5         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 94.5         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 102          | 110 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 96.8         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 99.8         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 107          | 110 |
|              |                   |            |      |     |                   |      |      |                  |     |      | EH**-4L60              | 57.6 | 69.3 | -                                   | -                      | -                                   | 95.8         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 98.8         | 100 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 106          | 110 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 101          | 110 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 104          | 110 |
|              |                   |            |      |     |                   |      |      |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 111          | 125 |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |     |      | OUTDOOR FAN MOTOR |      |      | INDOOR FAN MOTOR |     |     | OPTIONAL ELECTRIC HEAT |      |      | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |     |
|--------------|-------------------|------------|-----|------|-------------------|------|------|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|-------------------------------------|--------------|-----|
|              |                   | QTY        | RLA | LRA  | QTY               | HP   | FLA  | QTY              | HP  | FLA | PART #                 | KW*  | FLA  | FLA                                 | FLA                    | FLA                                 | MCA          | MOP |
| DSC1807D     | 575/3/60          | 2          | 8.4 | 78.0 | 3                 | 0.33 | 0.67 | 2                | 3.5 | 5.0 | -                      | -    | -    | -                                   | -                      | -                                   | 31.0         | 35  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 2.0                    | -                                   | 33.0         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | -                      | 8.3                                 | 39.3         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | -                                   | 34.5         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 2.0                    | -                                   | 36.5         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 8.3                                 | 42.8         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH**-7L30              | 28.8 | 27.7 | -                                   | -                      | -                                   | 47.1         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 49.6         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 57.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 51.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 54.0         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 61.9         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH**-7L45              | 43.2 | 41.6 | -                                   | -                      | -                                   | 64.5         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 67.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 74.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 68.8         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 71.3         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 79.2         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH**-7L60              | 57.6 | 55.4 | -                                   | -                      | -                                   | 67.9         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 70.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 78.3         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 72.3         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 74.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 82.7         | 90  |
| DSC1807W     | 575/3/60          | 2          | 8.4 | 78.0 | 3                 | 0.33 | 0.67 | 2                | 5.0 | 7.2 | -                      | -    | -    | -                                   | -                      | -                                   | 35.4         | 40  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | 2.0                    | -                                   | 37.4         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | -                                   | -                      | 8.3                                 | 43.7         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | -                                   | 38.9         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | 2.0                    | -                                   | 40.9         | 45  |
|              |                   |            |     |      |                   |      |      |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 8.3                                 | 47.2         | 50  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH**-7L30              | 28.8 | 27.7 | -                                   | -                      | -                                   | 52.6         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 55.1         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 63.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 57.0         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 59.5         | 60  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 67.4         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH**-7L45              | 43.2 | 41.6 | -                                   | -                      | -                                   | 70.0         | 70  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 72.5         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 80.3         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 74.3         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 76.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 84.7         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     | EH**-7L60              | 57.6 | 55.4 | -                                   | -                      | -                                   | 73.4         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 75.9         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 83.8         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 77.8         | 80  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 80.3         | 90  |
|              |                   |            |     |      |                   |      |      |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 88.2         | 90  |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |     |     | INDOOR FAN MOTOR |     |      | OPTIONAL ELECTRIC HEAT |           |           | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |         |
|--------------|-------------------|------------|------|-----|-------------------|-----|-----|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|-------------------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP  | FLA | QTY              | HP  | FLA  | PART #                 | KW*       | FLA       | FLA                                 | FLA                    | FLA                                 | MCA          | MOP     |
| DSC2403D     | 208/230/3/60      | 2          | 29.4 | 225 | 4                 | 0.5 | 2.7 | 2                | 3.5 | 10.9 | -                      | -         | -         | -                                   | -                      | -                                   | 98.7/98.7    | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | 4.8                    | -                                   | 103/103      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | -                      | 13.9                                | 113/113      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | -                                   | 108/107      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 4.8                    | -                                   | 113/112      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 13.9                                | 122/121      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L30              | 21.6/28.8 | 60.0/69.3 | -                                   | -                      | -                                   | 102/114      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 108/120      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 120/131      | 125/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 114/125      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 120/131      | 125/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 132/142      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L45              | 32.4/43.2 | 90.1/104  | -                                   | -                      | -                                   | 140/157      | 150/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 146/163      | 150/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 157/175      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 152/168      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 158/174      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 169/185      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L60              | 43.3/57.6 | 120/139   | -                                   | -                      | -                                   | 177/166      | 200/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 183/172      | 200/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 195/183      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 189/177      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 195/183      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 207/194      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L75              | 54.1/72.0 | 150/173   | -                                   | -                      | -                                   | 177/200      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 183/206      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 195/218      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 189/211      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 195/217      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 207/229      | 225/250 |
| DSC2403W     | 208/230/3/60      | 2          | 29.4 | 225 | 4                 | 0.5 | 2.7 | 2                | 5.0 | 14.5 | -                      | -         | -         | -                                   | -                      | -                                   | 106/106      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | 4.8                    | -                                   | 111/111      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | -                      | 13.9                                | 120/120      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | -                                   | 115/115      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 4.8                    | -                                   | 120/119      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 13.9                                | 129/128      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L30              | 21.6/28.8 | 60.0/69.3 | -                                   | -                      | -                                   | 111/123      | 125/125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 117/129      | 125/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 129/140      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 123/134      | 125/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 129/140      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 141/151      | 150/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L45              | 32.4/43.2 | 90.1/104  | -                                   | -                      | -                                   | 149/166      | 150/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 155/172      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 166/184      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 161/177      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 167/183      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 178/194      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L60              | 43.3/57.6 | 120/139   | -                                   | -                      | -                                   | 186/175      | 200/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/181      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/192      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/186      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/192      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/203      | 225/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L75              | 54.1/72.0 | 150/173   | -                                   | -                      | -                                   | 186/209      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/215      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/227      | 225/250 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/220      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/226      | 225/250 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/238      | 225/250 |



| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |     |     | INDOOR FAN MOTOR |     |      | OPTIONAL ELECTRIC HEAT |      |      | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |     |
|--------------|-------------------|------------|------|-----|-------------------|-----|-----|------------------|-----|------|------------------------|------|------|-------------------------------------|------------------------|-------------------------------------|--------------|-----|
|              |                   | QTY        | RLA  | LRA | QTY               | HP  | FLA | QTY              | HP  | FLA  | PART #                 | KW*  | FLA  | FLA                                 | FLA                    | FLA                                 | MCA          | MOP |
| DSC2404D     | 460/3/60          | 2          | 13.7 | 130 | 4                 | 0.5 | 1.4 | 2                | 3.5 | 7.2  | -                      | -    | -    | -                                   | -                      | -                                   | 50.8         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | 2.4                    | -                                   | 53.2         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | -                      | 8.1                                 | 58.9         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | -                                   | 55.1         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | 2.4                    | -                                   | 57.5         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 8.1                                 | 63.2         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L30              | 28.8 | 34.6 | -                                   | -                      | -                                   | 61.3         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 64.3         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 71.4         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 66.7         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 69.7         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 76.8         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L45              | 43.2 | 52.0 | -                                   | -                      | -                                   | 83.0         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 86.0         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 93.1         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 88.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 91.3         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 98.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L60              | 57.6 | 69.3 | -                                   | -                      | -                                   | 87.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 90.3         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 97.4         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 92.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 95.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 103          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L75              | 72.0 | 86.6 | -                                   | -                      | -                                   | 105          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 108          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 115          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 110          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 113          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 120          | 125 |
| DSC2404W     | 460/3/60          | 2          | 13.7 | 130 | 4                 | 0.5 | 1.4 | 2                | 5.0 | 10.6 | -                      | -    | -    | -                                   | -                      | -                                   | 57.6         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | 2.4                    | -                                   | 60.0         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | -                      | 8.1                                 | 65.7         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | -                                   | 61.9         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | 2.4                    | -                                   | 64.3         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 8.1                                 | 70.0         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L30              | 28.8 | 34.6 | -                                   | -                      | -                                   | 69.8         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 72.8         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 79.9         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 75.2         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 78.2         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 85.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L45              | 43.2 | 52.0 | -                                   | -                      | -                                   | 91.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 94.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 102          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 96.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 99.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 107          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L60              | 57.6 | 69.3 | -                                   | -                      | -                                   | 95.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 98.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 106          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 101          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 104          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 111          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L75              | 72.0 | 86.6 | -                                   | -                      | -                                   | 113          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 116          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 123          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 118          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 121          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 129          | 150 |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |      | OUTDOOR FAN MOTOR |     |     | INDOOR FAN MOTOR |     |     | OPTIONAL ELECTRIC HEAT |      |      | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |     |
|--------------|-------------------|------------|------|------|-------------------|-----|-----|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|-------------------------------------|--------------|-----|
|              |                   | QTY        | RLA  | LRA  | QTY               | HP  | FLA | QTY              | HP  | FLA | PART #                 | KW*  | FLA  | FLA                                 | FLA                    | FLA                                 | MCA          | MOP |
| DSC2407D     | 575/3/60          | 2          | 10.9 | 93.7 | 4                 | 0.5 | 1.0 | 2                | 3.5 | 5.0 | -                      | -    | -    | -                                   | -                      | -                                   | 38.5         | 45  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | 2.0                    | -                                   | 40.5         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | -                      | 8.3                                 | 46.8         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | -                                   | 42.0         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | 2.0                    | -                                   | 44.0         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 8.3                                 | 50.3         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L30              | 28.8 | 27.7 | -                                   | -                      | -                                   | 47.1         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 49.6         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 57.5         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 51.5         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 54.0         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 61.9         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L45              | 43.2 | 41.6 | -                                   | -                      | -                                   | 64.5         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 67.0         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 74.8         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 68.8         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 71.3         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 79.2         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L60              | 57.6 | 55.4 | -                                   | -                      | -                                   | 67.9         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 70.4         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 78.3         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 72.3         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 74.8         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 82.7         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L75              | 72.0 | 69.3 | -                                   | -                      | -                                   | 81.8         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 84.3         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 92.2         | 100 |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 86.2         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 88.7         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 96.5         | 100 |
| DSC2407W     | 575/3/60          | 2          | 10.9 | 93.7 | 4                 | 0.5 | 1.0 | 2                | 5.0 | 7.2 | -                      | -    | -    | -                                   | -                      | -                                   | 42.9         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | 2.0                    | -                                   | 44.9         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | -                      | 8.3                                 | 51.2         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | -                                   | 46.4         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | 2.0                    | -                                   | 48.4         | 50  |
|              |                   |            |      |      |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 8.3                                 | 54.7         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L30              | 28.8 | 27.7 | -                                   | -                      | -                                   | 52.6         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 55.1         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 63.0         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 57.0         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 59.5         | 60  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 67.4         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L45              | 43.2 | 41.6 | -                                   | -                      | -                                   | 70.0         | 70  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 72.5         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 80.3         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 74.3         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 76.8         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 84.7         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L60              | 57.6 | 55.4 | -                                   | -                      | -                                   | 73.4         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 75.9         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 83.8         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 77.8         | 80  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 80.3         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 88.2         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     | EH**-7L75              | 72.0 | 69.3 | -                                   | -                      | -                                   | 87.3         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 89.8         | 90  |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 97.7         | 100 |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 91.7         | 100 |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 94.2         | 100 |
|              |                   |            |      |      |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 102          | 110 |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |     |     | INDOOR FAN MOTOR |     |      | OPTIONAL ELECTRIC HEAT |           |           | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |         |
|--------------|-------------------|------------|------|-----|-------------------|-----|-----|------------------|-----|------|------------------------|-----------|-----------|-------------------------------------|------------------------|-------------------------------------|--------------|---------|
|              |                   | QTY        | RLA  | LRA | QTY               | HP  | FLA | QTY              | HP  | FLA  | PART #                 | KW*       | FLA       | FLA                                 | FLA                    | FLA                                 | MCA          | MOP     |
| DSC3003D     | 208/230/3/60      | 2          | 35.3 | 270 | 5                 | 0.5 | 2.7 | 2                | 5.0 | 14.5 | -                      | -         | -         | -                                   | -                      | -                                   | 122/122      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | 4.8                    | -                                   | 127/127      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | -                      | 13.9                                | 136/136      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | -                                   | 131/131      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 4.8                    | -                                   | 136/135      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 13.9                                | 145/144      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L30              | 21.6/28.8 | 60.0/69.3 | -                                   | -                      | -                                   | 122/123      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 127/129      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 136/140      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 131/134      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 136/140      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 145/151      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L45              | 32.4/43.2 | 90.1/104  | -                                   | -                      | -                                   | 149/166      | 150/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 155/172      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 166/184      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 161/177      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 167/183      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 178/194      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L60              | 43.3/57.6 | 120/139   | -                                   | -                      | -                                   | 186/175      | 200/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/181      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/192      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/186      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/192      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/203      | 225/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L75              | 54.1/72.0 | 150/173   | -                                   | -                      | -                                   | 186/209      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/215      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/227      | 225/250 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/220      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/226      | 225/250 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/238      | 225/250 |
| DSC3003W     | 208/230/3/60      | 2          | 35.3 | 270 | 5                 | 0.5 | 2.7 | 2                | 5.0 | 14.5 | -                      | -         | -         | -                                   | -                      | -                                   | 122/122      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | 4.8                    | -                                   | 127/127      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | -                                   | -                      | 13.9                                | 136/136      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | -                                   | 131/131      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | 4.8                    | -                                   | 136/135      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -         | -         | 9.6/8.7                             | -                      | 13.9                                | 145/144      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L30              | 21.6/28.8 | 60.0/69.3 | -                                   | -                      | -                                   | 122/123      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 127/129      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 136/140      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 131/134      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 136/140      | 150/150 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 145/151      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L45              | 32.4/43.2 | 90.1/104  | -                                   | -                      | -                                   | 149/166      | 150/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 155/172      | 175/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 166/184      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 161/177      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 167/183      | 175/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 178/194      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L60              | 43.3/57.6 | 120/139   | -                                   | -                      | -                                   | 186/175      | 200/175 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/181      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/192      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/186      | 200/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/192      | 225/200 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/203      | 225/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-3L75              | 54.1/72.0 | 150/173   | -                                   | -                      | -                                   | 186/209      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | 4.8                    | -                                   | 192/215      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | -                                   | -                      | 13.9                                | 204/227      | 225/250 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | -                                   | 198/220      | 200/225 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | 4.8                    | -                                   | 204/226      | 225/250 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |           |           | 9.6/8.7                             | -                      | 13.9                                | 216/238      | 225/250 |

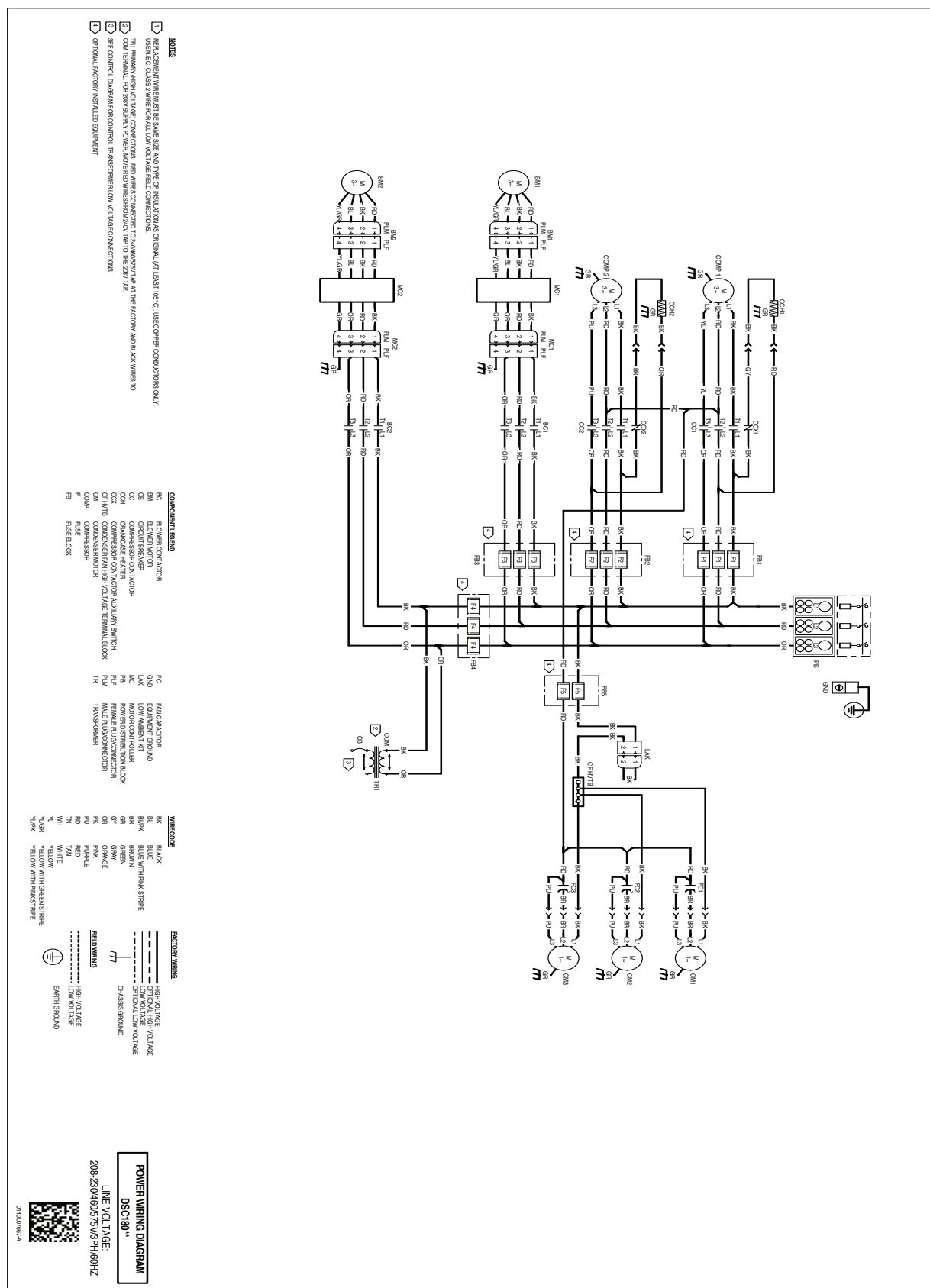
| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |     |     | INDOOR FAN MOTOR |     |      | OPTIONAL ELECTRIC HEAT |      |      | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |     |
|--------------|-------------------|------------|------|-----|-------------------|-----|-----|------------------|-----|------|------------------------|------|------|-------------------------------------|------------------------|-------------------------------------|--------------|-----|
|              |                   | QTY        | RLA  | LRA | QTY               | HP  | FLA | QTY              | HP  | FLA  | PART #                 | KW*  | FLA  | FLA                                 | FLA                    | FLA                                 | MCA          | MOP |
| DSC3004D     | 460/3/60          | 2          | 20.5 | 147 | 5                 | 0.5 | 1.4 | 2                | 5.0 | 10.6 | -                      | -    | -    | -                                   | -                      | -                                   | 74.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | 2.4                    | -                                   | 76.7         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | -                      | 8.1                                 | 82.4         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | -                                   | 78.6         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | 2.4                    | -                                   | 81.0         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 8.1                                 | 86.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L30              | 28.8 | 34.6 | -                                   | -                      | -                                   | 74.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 76.7         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 82.4         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 78.6         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 81.0         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 86.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L45              | 43.2 | 52.0 | -                                   | -                      | -                                   | 91.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 94.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 102          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 96.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 99.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 107          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L60              | 57.6 | 69.3 | -                                   | -                      | -                                   | 95.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 98.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 106          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 101          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 104          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 111          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L75              | 72.0 | 86.6 | -                                   | -                      | -                                   | 113          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 116          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 123          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 118          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 121          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 129          | 150 |
| DSC3004W     | 460/3/60          | 2          | 20.5 | 147 | 5                 | 0.5 | 1.4 | 2                | 5.0 | 10.6 | -                      | -    | -    | -                                   | -                      | -                                   | 74.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | 2.4                    | -                                   | 76.7         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | -                                   | -                      | 8.1                                 | 82.4         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | -                                   | 78.6         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | 2.4                    | -                                   | 81.0         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | -                      | -    | -    | 4.3                                 | -                      | 8.1                                 | 86.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L30              | 28.8 | 34.6 | -                                   | -                      | -                                   | 74.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 76.7         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 82.4         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 78.6         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 81.0         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 86.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L45              | 43.2 | 52.0 | -                                   | -                      | -                                   | 91.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 94.5         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 102          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 96.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 99.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 107          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L60              | 57.6 | 69.3 | -                                   | -                      | -                                   | 95.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 98.8         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 106          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 101          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 104          | 110 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 111          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      | EH**-4L75              | 72.0 | 86.6 | -                                   | -                      | -                                   | 113          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | 2.4                    | -                                   | 116          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | -                                   | -                      | 8.1                                 | 123          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | -                                   | 118          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | 2.4                    | -                                   | 121          | 125 |
|              |                   |            |      |     |                   |     |     |                  |     |      |                        |      |      | 4.3                                 | -                      | 8.1                                 | 129          | 150 |

| MODEL NUMBER | ELECTRICAL RATING | COMPRESSOR |      |     | OUTDOOR FAN MOTOR |     |     | INDOOR FAN MOTOR |     |     | OPTIONAL ELECTRIC HEAT |      |      | OPTIONAL POWERED CONVENIENCE OUTLET | OPTIONAL POWER EXHAUST | OPTIONAL POWER EXHAUST (MODULATING) | POWER SUPPLY |     |
|--------------|-------------------|------------|------|-----|-------------------|-----|-----|------------------|-----|-----|------------------------|------|------|-------------------------------------|------------------------|-------------------------------------|--------------|-----|
|              |                   | QTY        | RLA  | LRA | QTY               | HP  | FLA | QTY              | HP  | FLA | PART #                 | KW*  | FLA  | FLA                                 | FLA                    | FLA                                 | MCA          | MOP |
| DSC3007D     | 575/3/60          | 2          | 13.8 | 109 | 5                 | 0.5 | 1.0 | 2                | 5.0 | 7.2 | -                      | -    | -    | -                                   | -                      | -                                   | 50.4         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | 2.0                    | -                                   | 52.4         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | -                      | 8.3                                 | 58.7         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | -                                   | 53.9         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | 2.0                    | -                                   | 55.9         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 8.3                                 | 62.2         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L30              | 28.8 | 27.7 | -                                   | -                      | -                                   | 52.6         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 55.1         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 63.0         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 57.0         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 59.5         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 67.4         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L45              | 43.2 | 41.6 | -                                   | -                      | -                                   | 70.0         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 72.5         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 80.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 74.3         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 76.8         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 84.7         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L60              | 57.6 | 55.4 | -                                   | -                      | -                                   | 73.4         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 75.9         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 83.8         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 77.8         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 80.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 88.2         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L75              | 72.0 | 69.3 | -                                   | -                      | -                                   | 87.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 89.8         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 97.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 91.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 94.2         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 102          | 110 |
| DSC3007W     | 575/3/60          | 2          | 13.8 | 109 | 5                 | 0.5 | 1.0 | 2                | 5.0 | 7.2 | -                      | -    | -    | -                                   | -                      | -                                   | 50.4         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | 2.0                    | -                                   | 52.4         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | -                                   | -                      | 8.3                                 | 58.7         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | -                                   | 53.9         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | 2.0                    | -                                   | 55.9         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     | -                      | -    | -    | 3.5                                 | -                      | 8.3                                 | 62.2         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L30              | 28.8 | 27.7 | -                                   | -                      | -                                   | 52.6         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 55.1         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 63.0         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 57.0         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 59.5         | 60  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 67.4         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L45              | 43.2 | 41.6 | -                                   | -                      | -                                   | 70.0         | 70  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 72.5         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 80.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 74.3         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 76.8         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 84.7         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L60              | 57.6 | 55.4 | -                                   | -                      | -                                   | 73.4         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 75.9         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 83.8         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 77.8         | 80  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 80.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 88.2         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     | EH**-7L75              | 72.0 | 69.3 | -                                   | -                      | -                                   | 87.3         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | 2.0                    | -                                   | 89.8         | 90  |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | -                                   | -                      | 8.3                                 | 97.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | -                                   | 91.7         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | 2.0                    | -                                   | 94.2         | 100 |
|              |                   |            |      |     |                   |     |     |                  |     |     |                        |      |      | 3.5                                 | -                      | 8.3                                 | 102          | 110 |

| AIR FLOW FOR ELECTRIC HEAT |                         |    |        |             |             |
|----------------------------|-------------------------|----|--------|-------------|-------------|
| UNIT                       | HEATER KIT MODEL NUMBER | KW | STAGES | MINIMUM CFM | MAXIMUM CFM |
| 15 ton AC STD Static       | EH*-L30                 | 30 | 2      | 6000        | 8000        |
|                            | EH*-L45                 | 45 |        |             |             |
|                            | EH*-L60                 | 60 |        |             |             |
| 15 ton AC High Static      | EH*-L30                 | 30 | 2      | 5250        | 9500        |
|                            | EH*-L45                 | 45 |        |             |             |
|                            | EH*-L60                 | 60 |        |             |             |
| 20 ton AC STD Static       | EH*-L30                 | 30 | 2      | 7000        | 9400        |
|                            | EH*-L45                 | 45 |        |             |             |
|                            | EH*-L60                 | 60 |        |             |             |
|                            | EH*-L75                 | 75 |        |             |             |
| 20 ton AC High Static      | EH*-L30                 | 30 | 2      | 7000        | 10300       |
|                            | EH*-L45                 | 45 |        |             |             |
|                            | EH*-L60                 | 60 |        |             |             |
|                            | EH*-L75                 | 75 |        |             |             |
| 25 ton AC STD Static       | EH*-L30                 | 30 | 2      | 8750        | 11000       |
|                            | EH*-L45                 | 45 |        |             |             |
|                            | EH*-L60                 | 60 |        |             |             |
|                            | EH*-L75                 | 75 |        |             |             |
| 25 ton AC High Static      | EH*-L30                 | 30 | 2      | 7500        | 11700       |
|                            | EH*-L45                 | 45 |        |             |             |
|                            | EH*-L60                 | 60 |        |             |             |
|                            | EH*-L75                 | 75 |        |             |             |

## HEATER KIT MODEL NUMBER NOMENCLATURE

|                    | E | H | X | - | 3 | L | 30  |
|--------------------|---|---|---|---|---|---|-----|
|                    | 1 | 2 | 3 | - | 4 | 5 | 6,7 |
| <b>Electric</b>    |   |   |   |   |   |   |     |
| <b>Heater</b>      |   |   |   |   |   |   |     |
| <b>Heater Type</b> |   |   |   |   |   |   |     |
| X Staged           |   |   |   |   |   |   |     |
| S SCR (modulating) |   |   |   |   |   |   |     |
| <b>Voltage</b>     |   |   |   |   |   |   |     |
| 3 208-230/3/60     |   |   |   |   |   |   |     |
| 4 460/3/60         |   |   |   |   |   |   |     |
| 7 575/3/60         |   |   |   |   |   |   |     |
| <b>Chassis</b>     |   |   |   |   |   |   |     |
| L Large            |   |   |   |   |   |   |     |
| <b>Kilowatt</b>    |   |   |   |   |   |   |     |
| 30 30 KW           |   |   |   |   |   |   |     |
| 45 45 KW           |   |   |   |   |   |   |     |
| 60 60 KW           |   |   |   |   |   |   |     |
| 75 75 KW           |   |   |   |   |   |   |     |



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

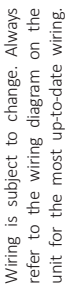


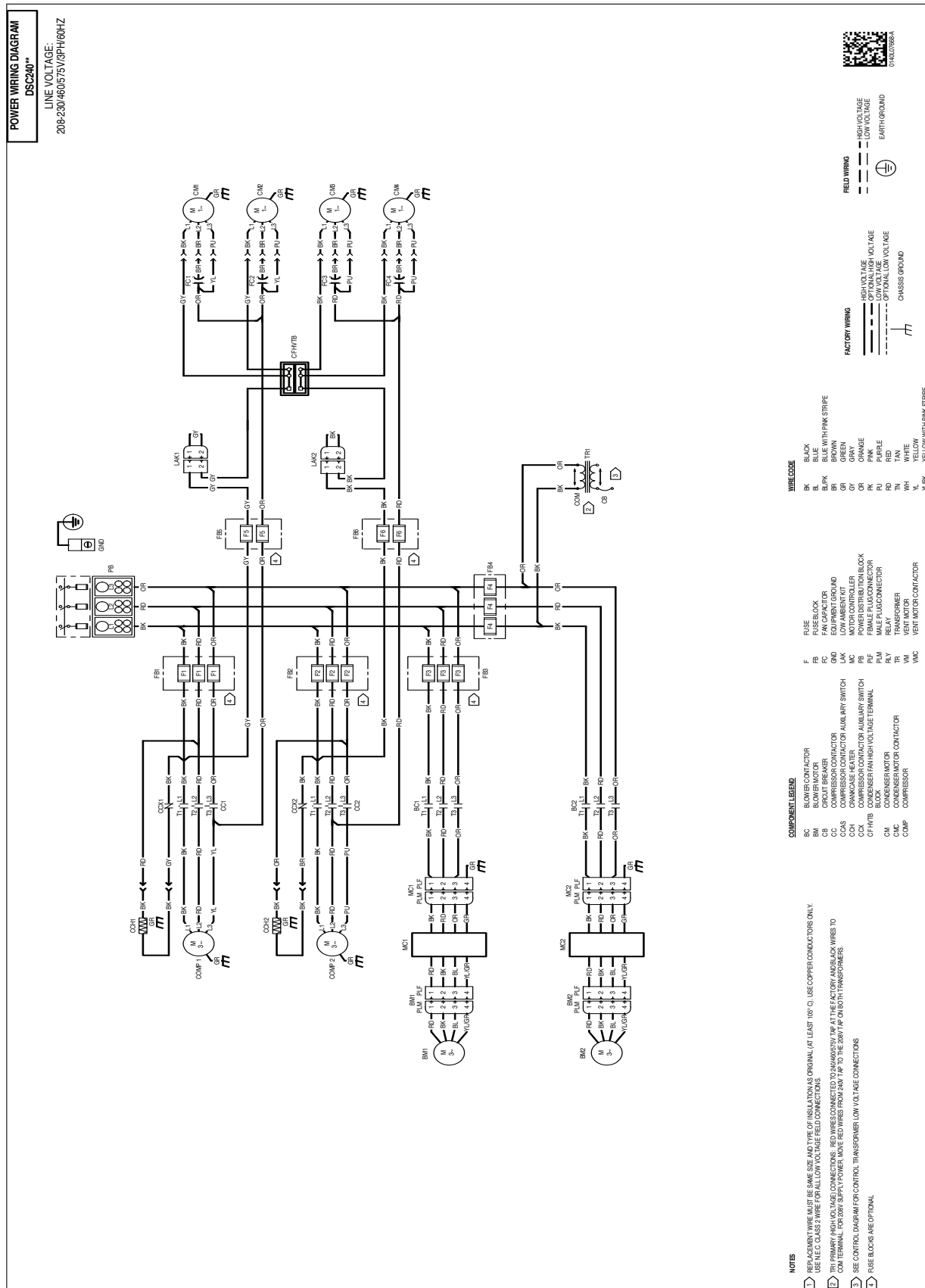
**High Voltage:** Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



## WARNING



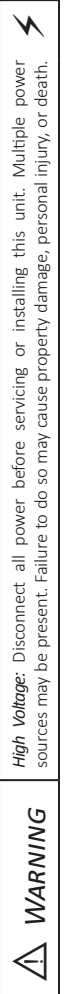


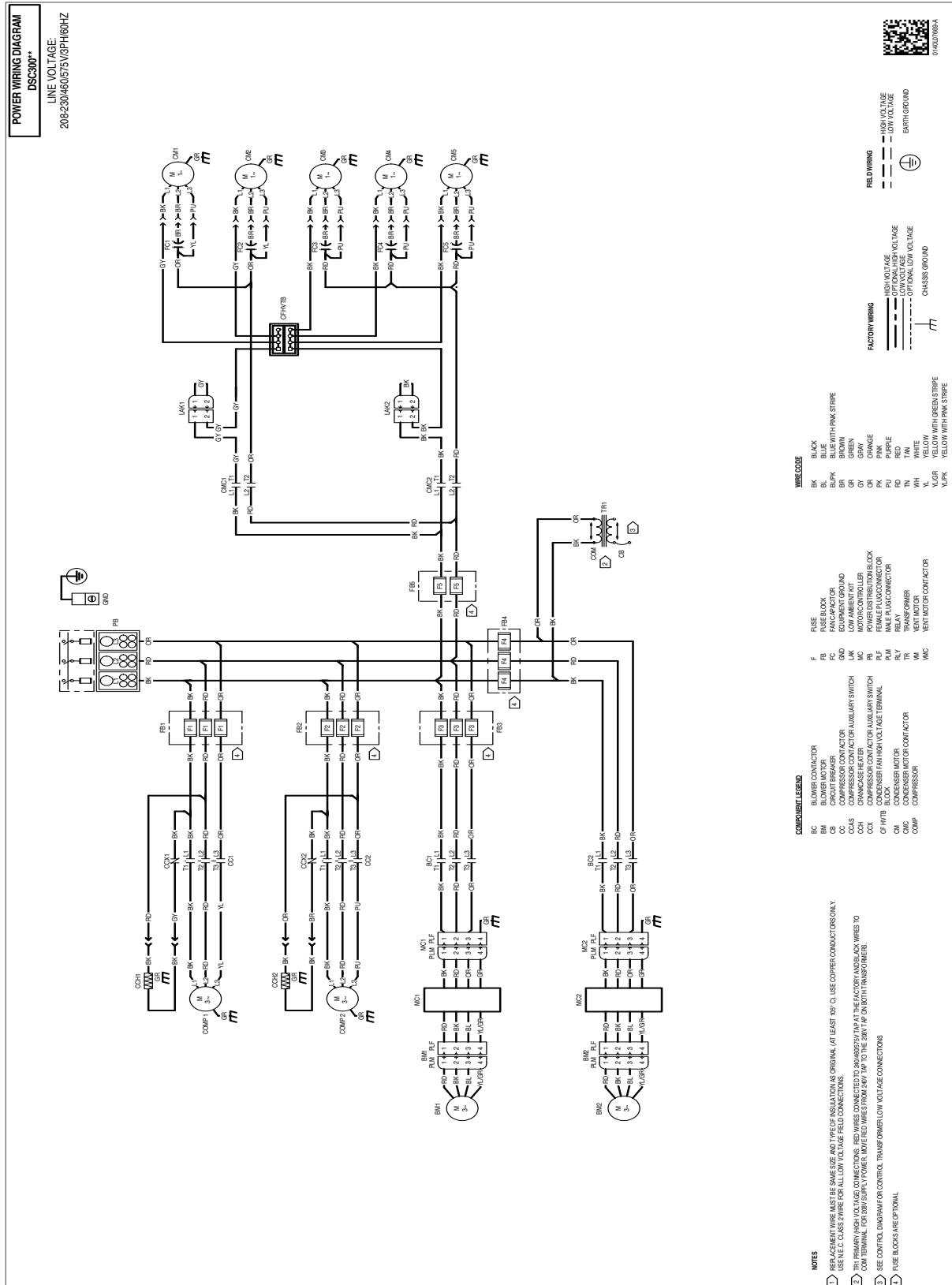


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**WARNING**

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

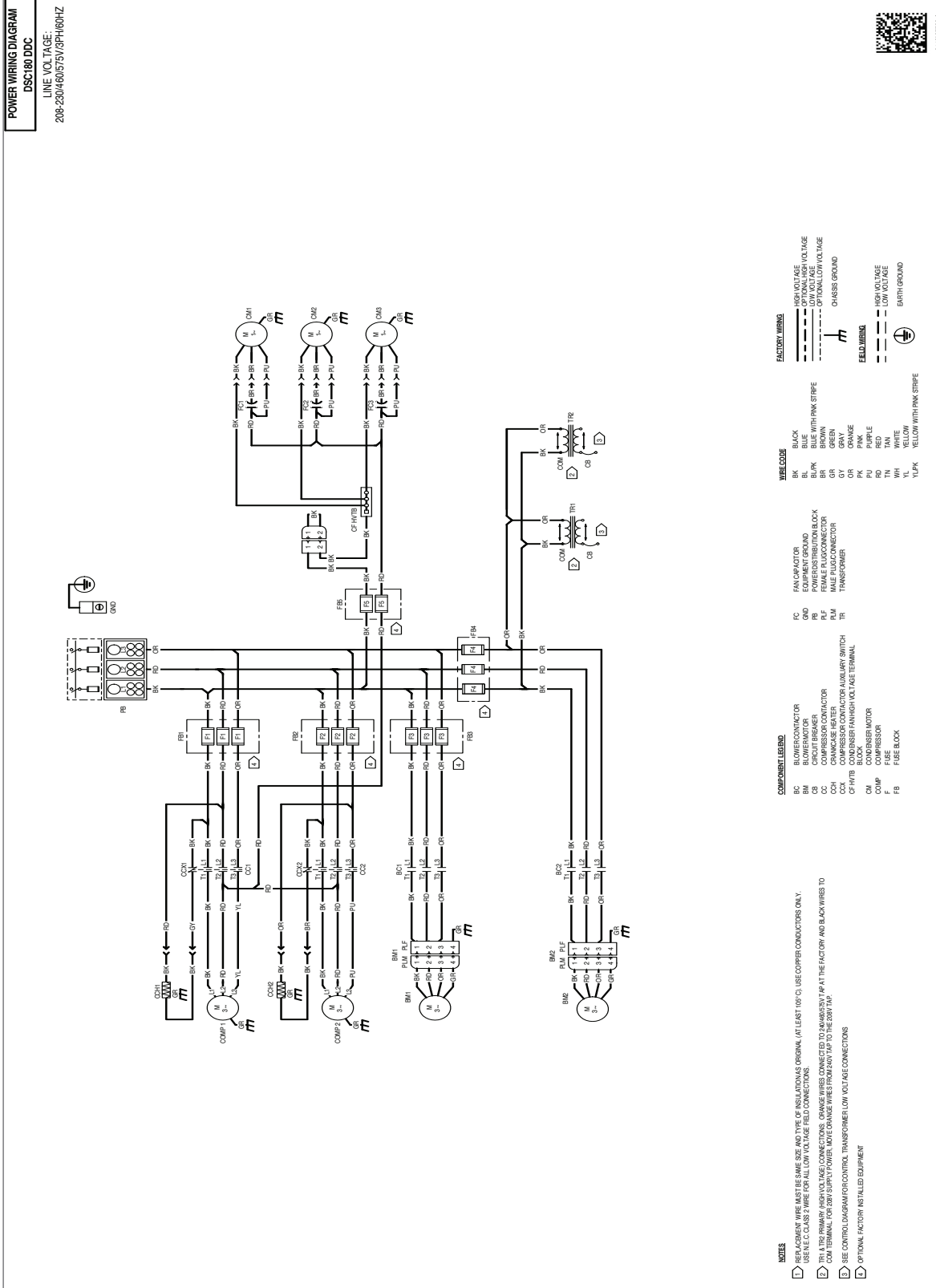




Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.

**WARNING**

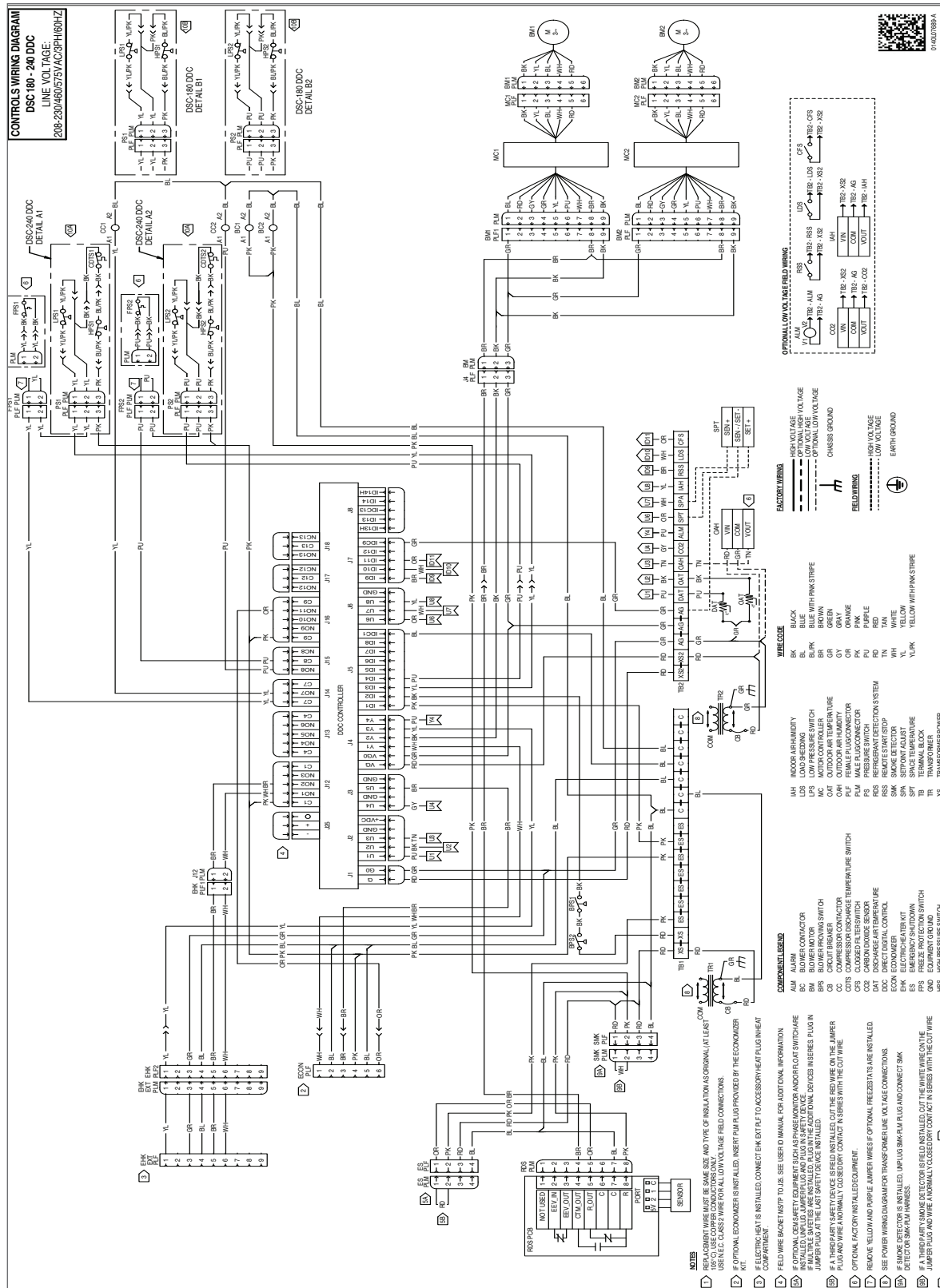
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.



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

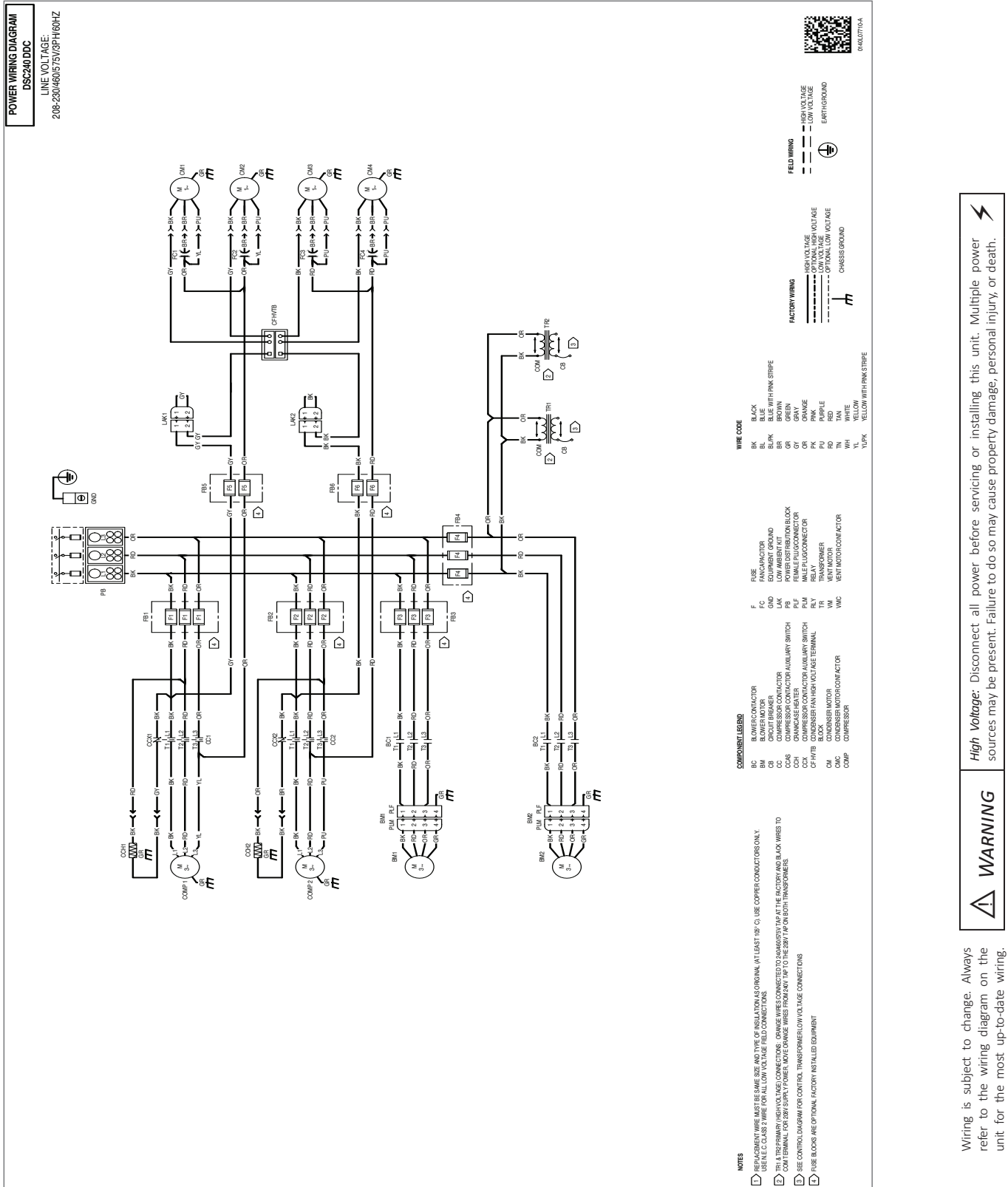
**WARNING**

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



**WARNING**

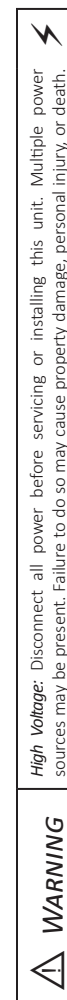
High Voltage: Disconnect all power before servicing or installing this unit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury, or death.





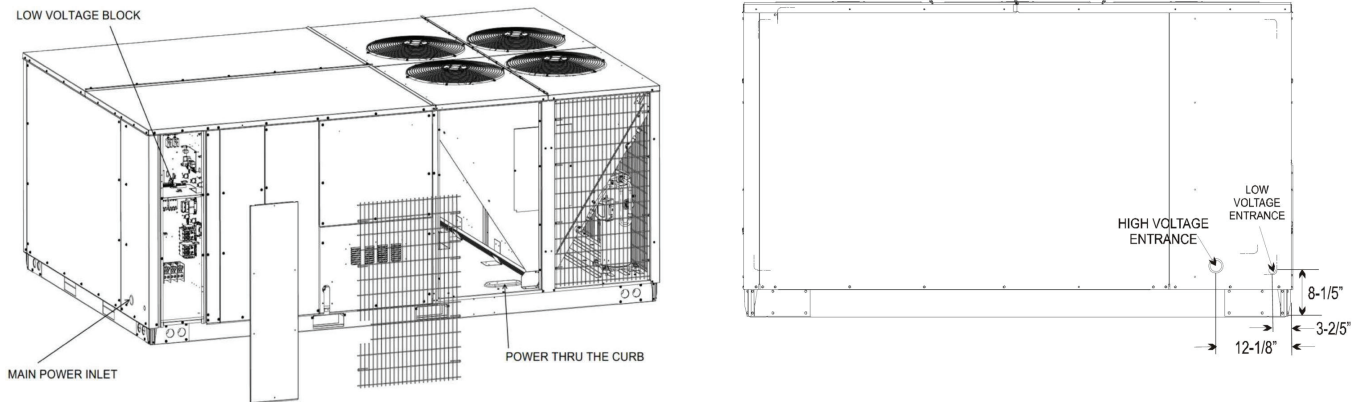


Wiring is subject to change. Always refer to the wiring diagram on the unit for the most up-to-date wiring.



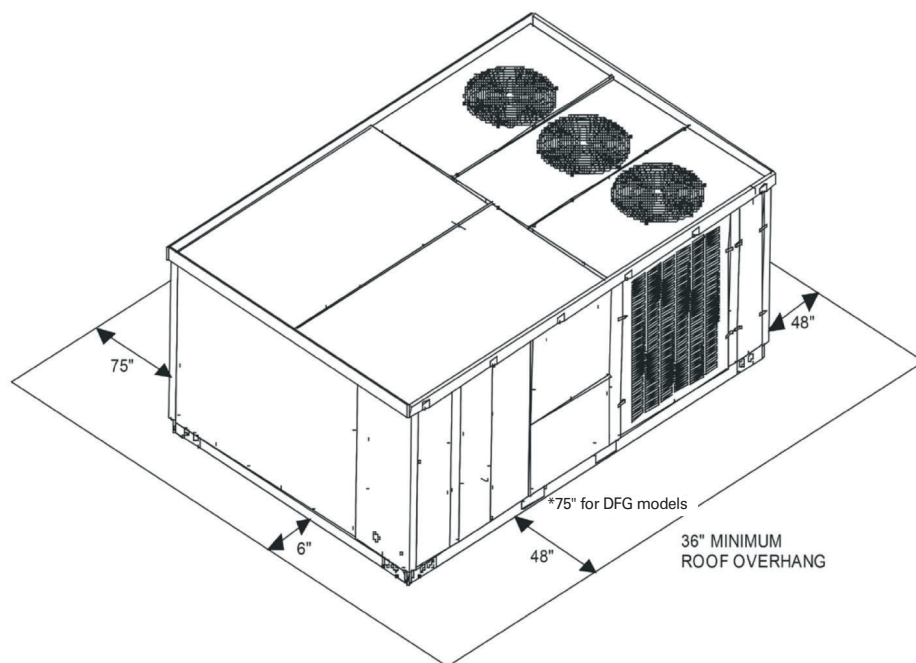
## Unit Clearances

### Electrical Entrance Locations



### Service Clearance

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



## Unit Location

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

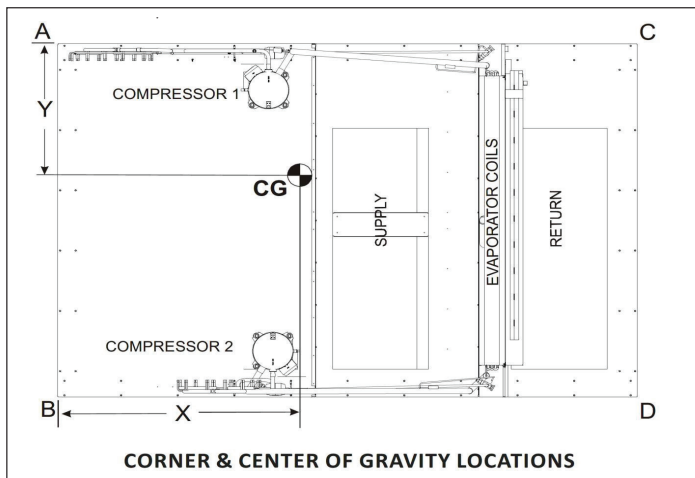
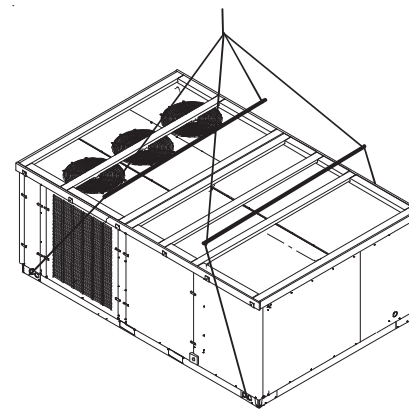
Allow sufficient space around the unit for maintenance/service clearance. Consult your Daikin sales representative if available clearances do not meet minimum recommendations.

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

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

- » Unit must be lifted by the four lifting holes located at the base frame corners.
- » Lifting cables should be attached to the unit with shackles.
- » The distance between the crane hook and the top of the unit must not be less than 60".
- » Two spreader bars must span over the unit to prevent damage to the cabinet by the lift cables. Spreader bars must be of sufficient length so that cables do not come in contact with the unit during transport. Remove wood struts mounted beneath unit base 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, duct-work 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. For further and more detailed information please refer to our Daikin Light Commercial Packaged unit IOD.



## 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.

## Weights

| MODEL           | SHIPPING WEIGHT (LBS) | %OPERATING WEIGHT (LBS) | CORNER WEIGHTS (LBS) |     |     |     | LENGTH<br>X (in) | WIDTH<br>Y (in) |
|-----------------|-----------------------|-------------------------|----------------------|-----|-----|-----|------------------|-----------------|
|                 |                       |                         | A                    | B   | C   | D   |                  |                 |
| DSC1803D000001S | 1851                  | 1736                    | 510                  | 377 | 374 | 475 | 65½              | 45⅝             |
| DSC1804D000001S | 1851                  | 1736                    | 510                  | 377 | 374 | 475 | 65½              | 45⅝             |
| DSC1807D000001S | 1851                  | 1736                    | 510                  | 377 | 374 | 475 | 65½              | 45⅝             |
| DSC2403D000001S | 2204                  | 2089                    | 651                  | 498 | 377 | 563 | 60¾              | 48⅞             |
| DSC2404D000001S | 2204                  | 2089                    | 651                  | 498 | 377 | 563 | 60¾              | 48⅞             |
| DSC2407D000001S | 2204                  | 2089                    | 651                  | 498 | 377 | 563 | 60¾              | 48⅞             |
| DSC3003D000001S | 2244                  | 2129                    | 651                  | 501 | 440 | 538 | 61½              | 45⅝             |
| DSC3004D000001S | 2244                  | 2129                    | 651                  | 501 | 440 | 538 | 61½              | 45⅝             |
| DSC3007D000001S | 2244                  | 2129                    | 651                  | 501 | 440 | 538 | 61½              | 45⅝             |

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