

Operating Power: 208/230VAC±10%, 3-Phase, 60Hz  
 Nominal Cooling Capacity: 5 Tons  
 Nominal Heating Capacity: 15kW

**PRODUCT SPECIFICATIONS**

PERFORMANCE	
Cooling BTU/Hr @ 80°F DB, 67°F WB, 95°F Ambient	68,000
Cooling BTU/Hr @ 80°F DB, 67°F WB, 131°F Ambient	62,000
Operating Conditions (°F)	50 to 131
Operating Conditions with Low Ambient Control (°F)	-30 to 131
Evaporator Supply Air Flow Rate (CFM)	2000
Compressor Operating Mode	Constant Run
ELECTRICAL*	
Voltage (VAC) ±10%	208/230
Phase	3
Frequency (Hz)	60
Max. Nominal Current - Cooling (A)	35.9
Max. Nomical Current - Heating (A)	40.2
Max. Nominal Power Consumption - Cooling (kW)	11.4
Max. Nominal Power Consumption - Heating (kW)	15.9
Electric Heat (kW) at Applied Voltage**	13.8
Circuit Breaker/Fuses Size (A)	63
Supply Power Cord Size (AWG)	6
Supply Power Connector Configuration	4P5W
PHYSICAL CHARACTERISTICS	
Dimensions, without Return Air Plenum, H x W x D (in)	25 x 51.75 x 41.75
Weight, Unit (Lbs)	TBD
Fan Type, Evaporator	Direct Drive, Backward-Curved
Fan Type, Condenser	Dual Axial
Evaporator Supply Air Duct Takeoff Dia. (in)	12
Evaporator Return Air Duct Takeoff Dia. (in)	12
REFRIGERANT	
Type	R-407C
Charge (oz)	See unit data plate.

(\*) Nominal peak current and power ratings at 230VAC

(\*\*) Heating elements are factory-rated 15kW at 240VAC and de-rated to 13.8kW when operating at 230VAC.



**PRODUCT KEY FEATURES**

- Light-Weight Aluminium Cabinet
- Ruggedized for Rough Handling
- Four-High Stackability
- Heavy-Duty, Ruggedized 14-Gauge Steel Skid
- High-Efficiency, Tube-and-Fin Evaporator Coil
- High-Efficiency Microchannel Condenser Coil
- High-Efficiency Reverse-Inclined Evaporator Blower
- Scroll Compressor
- Flooded Condenser for Low Ambient Conditions
- Constant Run Compressor Operation (Hot Gas Bypass)
- Electronic Suction Control Valve
- Electric Heating
- Remote Control Box with Easy-to-Use Controls
- 4P5W Pin & Sleeve Plug
- Externally Accessible Sight Glass and Servicing Ports
- Permanent Washable Return Air Filter
- Stainless Steel Drain Pan
- Manual High-Pressure Cutoff Switch
- Automatic Low-Pressure Cutout Switch
- Durable Powder Coat Finish (Desert Tan)
- Ruggedized Build and Certified to MIL-STD-810F in Accordance with:
  - MIL-STD-810F, Method 514.5, Figure 514.5C-3, Table 514.5C-VII (Vibration)
  - MIL-STD-810F, Method 510.4, Procedure I & II (Sand and Dust)
  - MIL-STD-810F, Method 506.4, Procedure III (Dripping Rain)
  - MIL-STD-810F, Method 509.4 (Salt Fog)

All specifications are subject to change upon design completion.