

Model 8HP16

Portable Heat Pump

Submittal Data



SD-8HP16-1

STANDARD FEATURES

- In compliance with EPA requirements and worldwide trends, all Koldwave products are now made with low GWP refrigerants, identified by ASHRAE as class A2L. This model uses R32 refrigerant.
- 16,800 Btu Cooling Capacity
- 18,500 Btu Heating Capacity
- Spot-Cool / Room-Cool Thermostat Settings
- Internally Insulated with Fiberglass Insulation
- Thermostatic Control with Multi-Speed Fan
- Double Shaft Motor for Two Fans
- Optional Easy Install Condensate Pump Kit with Overflow Protection
- 115V/1 Phase
- Directional Nozzles (2)
- Heavy Duty Twin Wheel Casters for Portability
- Auto Fan Speed Option
- Self-Diagnostic Function
- Off-Timer
- Washable Filters
- 12" Hot Air Exhaust Flange

SAFETY DEVICES

- Compressor Overload Protection
- Anti-freezing Thermistor
- Automatic Restart (Power Interruption)
- Compressor Time Delay Program
- High Pressure Sensor & Low Pressure Sensor



SPECIFICATIONS

		Model Number
		8HP16
Power Supply	Ph/V/Hz	1/115/60
Cooling Capacity	BTU/hr (kW)	16,800 (4.92)
Heating Capacity	BTU/hr (kW)	18,500 (5.42)
Power Consumption (Cooling)	W	1,440
Power Consumption (Heating)	W	1,390
Rated Current (Cooling)	A	12.8
Rated Current (Heating)	A	12.3
EER (Cooling)		11.7
EER (Heating)		13.3
Nema Plug Type		5-20P
Power Cord Gauge	AWG	12
Power Cord Length	ft (m)	6 (1.83)
Dimensions WxDxH	in (mm)	24 x 30 x 41 (612 x 768 x 1040)
Net Weight	lbs (kg)	230 (104)
Gross Weight	lbs (kg)	251 (114)
Number of Cool Air Outlets		2
Condensate Tank	gal (l)	3.96 (15)
Setting Temperature (Cooling)	°F (°C)	64-113 (18-45)
Setting Temperature (Heating)	°F (°C)	56-80 (12-27)
Application Area (Room Cool)	ft² (m²)	355 (33)
Refrigerant Type		R32
Refrigerant Amount	oz (g)	31.7 (900)
Design Pressure (High/Low)	PSI (kPa)	460 / 250 (3172 / 1724)
Indoor Air Flow (High)	CFM (CMM)	470 (13.3)
Wheel Diameter	in (mm)	3 (76)
Hot Air Duct Diameter	in (mm)	12 (300)
Maximum Duct Length	ft (m)	50 (15)



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Project: _____ Date: _____

Location: _____

Customer: _____

Engineer: _____

Submitted By: _____

For: Reference Approval Construction

Unit Designation: _____

Schedule Number: _____