

Model HKW5N

Air-Cooled Portable Air Conditioner

Submittal Data



SD-HKW5N-2

STANDARD FEATURES

- Unit Capacity: 5 Tons
- Narrow Cabinet Design
- R-410a Refrigerant
- Mist Eliminator
- Heavy Duty Steel Cabinet Powder Coated White
- 14" Duct Collar Condenser Air Discharge
- 14" Duct Collars (1 supply/ 1 return)
- SS Duct Collar Protection Bar - Evap
- 8" Swivel Casters w/ brake
- Condensate P-Trap
- Stainless Steel Drain Pan w/ threaded Drain Conn (each side)
- Condenser Coil Guard
- Insulated Evaporator Section (Thermal/Acoustic)
- 2" MERV 8 Pleated Throw Away Filters
- 1/4 Turn Access Panel Latches
- Grab Handles (one end)
- Voltage Meter w/ Lexan Cover
- Toggle Switch for Remote Thermostat
- Single Scroll Compressor
- Belt Drive Centrifugal Evaporator & Condenser Blower
- Sight Glass
- Schrader Access Valves
- Liquid Line Filter Drier
- Liquid Receiver Tank
- Circuit Breaker w/Cover
- Electro-Mechanical Thermostat
- Four-Way Forklift Pod
- Compressor Time Delay
- High/Low Pressure Control
- Camlock Power in Connections Color Coded
- 10kW Electric Heat
- Toggle Switch for 208/230
- Hour Meter



OPTIONAL FEATURES

- Condensate Pump w/External Bracket
- Remote Thermostat w/25' Cable



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Project: _____ Date: _____

Location: _____

Customer: _____

Engineer: _____

Submitted By: _____

For: ☐ Reference ☐ Approval ☐ Construction

Unit Designation: _____

Schedule Number: _____

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SPECIFICATIONS

Model Number	HKW5N	
Cooling capacity	Total [1]	57100 BTUH
	Sensible [1]	51200 BTUH
Heating Capacity	Total [1]	55700 kW
Rated External Static Pressure		1.5 in w.c.
Cooling Operating Range [2]		0-110 °F
Refrigerant	Type	R-410
	Amount	6Lbs. 9 oz.
	Low Pressure	70 PSIG Cutout, 100 PSIG Reset
	High Pressure	625 PSIG Cutout, Manual Reset
	Suction Operating Pressure	104 PSIG Low, 145 PSIG High
	Discharge Operating Pressure	290 PSIG Low, 600 PSIG High
	Subcooling	10-12°F @ approx. 80°F ambient
Power Requirements (208-230/1/60)	Maximum Fuse Size	90 A
Power Requirements (208-230/3/60)	Maximum Fuse Size	40 A
Power Requirements (460/3/60)	Maximum Fuse Size	30 A
Compressor (208-230/1/60)	Type	5 Ton Scroll
	RLA	30.1 A
	LRA	158 A
Compressor (208-230/3/60)	Type	5 Ton Scroll
	RLA	20.5 A
	LRA	155 A
Compressor (460/3/60)	Type	5 Ton Scroll
	RLA	9.6 A
	LRA	75 A
Filter	Type	Pleated Disposable
	Size (L x W x H)	24" x 24" x 2"
Evaporator	Motor	1.5 HP
	Motor Speed	3450 RPM
	Coil Face Area	3.7 ft²
	Coil Rolls Deep	3
	Supply Air Flow Rate	2000 CFM
Condenser	Motor	2 HP
	Motor Speed	3450 RPM
	Coil Face Area	6.39 ft²
	Coil Rolls Deep	3
	Supply Air Flow Rate	2000 CFM
Unit Dimensions	Size (L x W x H)	67" x 29.5" x 54.5"
	Weight	700 Lbs

[1] Entering air 80°F DB/ 67°F WB with 95°F Ambient

[2] Extended operating range feasible with optional accessories

[3] Operating A at ARI conditions listed in note [2] above at 208 volts

[4] kW at 0.8 Power Factor and 208 or 460 volts

		Cooling	30kW Electric Heat
Electrical	460/3/60	Operating Amps [3]	42.7
		FLA	21.4
		MCA	26.7
		kW [4]	17
	208-230/3/60	FLA	46.9
		MCA	58.6
		kW [4]	16.9
	208-230/1/60	FLA	56.1
		MCA	70.1
		kW [4]	11.7