



KPO12-43

LEGEND

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|------------------------|------------------------|
| 1 Cold Air Return | 6 Control Panel Access |
| 2 Cold Air Supply | 7 Condensate Nipple |
| 3 Condenser Air Inlet | 8 Breaker Access |
| 4 Condenser Air Outlet | 9 Access Door |
| 5 Electrical panel | 10 Camlok Connections |



ETL LISTED CONFORMS TO ANSI/UL1995
CERTIFIED TO CAN/CSA 22.2 NO 235



SPECIFICATIONS

KPO12-43

COOLING CAPACITY	BTU/hr @ 95F at 60% RH	135,000 (12-Ton)
	Operating Temperatures	30-110 F 50%RH
HEATING - OPTIONAL		
	Heat Strips/BTU	24kW/83,300
COMPRESSOR DATA	Compressor Type	Hermetic Recip.
	Refrigerant	407C
FAN DATA		
Evaporator	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	5500
	Supply and Return Air Device	2-12" flanges for supply duct and 2-12" flange for return duct
	Maximum Duct length	75' each for supply and return.
Condenser	Fan Type (Centrifugal)	Belt Drive
	Air Flow (CFM)	8500
	Condenser Exhaust flange	20"
	Condenser Duct Max. Length	100'
	Condenser fan speed control	Variable Frequency Drive
ELECTRICAL DATA	Power Supply (Volts)	460 Three Phase
	Current Consumption (Amps)	27.7
	Power Consumption (kW)	20.5
	Maximum Circuit Breaker (Amps)	50
	Recommended Breaker Size	40
	Minimum Circuit Ampacity(Amps)	36.3
	Min./Max. Voltage	420-500
	Power connection	Color Coded Cam Locks
	Power Quality Control	Internal Phase and Power Monitor
CONSTRUCTION	Skid	12 Gauge G90 Galvanized Steel with Epoxy Powdercoat
	Cabinet	16 Gauge G90 Galvanized Steel with Epoxy Powdercoat
	Casters	8" Heavy Duty Swivel and Locking
DIMENSIONAL DATA	Width x Depth x Height (Inches)	32" x 64" x 60" with 8" casters
	Weight (Lbs.)	1,100
	Shipping Weight (Lbs.)	1,200
SAFETY DEVICE DATA	Compressor Overload	Internal
	Fan Motor Overload	Automatic Internal
	Evaporator Freeze Protection	Hot Gas Bypass with variable fan speed control
	High Pressure Switch	Manual
	Low Pressure Switch	Automatic
	Compressor Short Cycle	Yes
	Automatic Restart	Yes
	Thermostat Type	Digital
	Condensate Pump Overflow	Yes
Internal Condensate Pump (high lift)	Yes	

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