



KCA2421

Legend

- 1 Electrical Box
- 2 Cold Air Supply
- 3 Cold Air Return
- 4 Condenser Return Inlets
- 5 Condenser Hot Air Discharge
- 6 Condensate Nipple
- 7 Control Connection Block
- 8 High Pressure Reset
- 9 Shreader Ports
- 10 Power Input



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

1-800-KWIKOOL
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SPECIFICATIONS

KCA2421

COOLING CAPACITY	BTU/hr @ 95F at 60% RH	23,500 (2-Ton)
COMPRESSOR DATA	Compressor Type	Hermetic Recip.
	Operating Temperatures	60-95 F 50%RH
	Refrigerant	407C
FAN DATA Evaporator	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	850
	Cold Air Supply	10" Collar
	Cold Air Return	16" Collar
Condenser	Operating Temperatures	60-105 F 50%RH
	Fan Type (Centrifugal)	Direct Drive
	Air Flow (CFM)	1100
	Condenser Duct Outlet Flange	14" Collar
	Condenser Duct Max. Length	25'
ELECTRICAL DATA	Power Supply (Volts)	208/230 Single Phase
	Current Consumption (Amps)	11.5/10.4
	Power Consumption (kW)	2.15
	Maximum Circuit Breaker (Amps)	20
	Recommended Breaker Size	20
	Minimum Circuit Ampacity(Amps)	13.95
	Min./Max. Voltage	195-225/210-250
DIMENSIONAL DATA	Width x Depth x Height (Inches)	24" x 46" x 20"
	Weight (Lbs.)	244
	Shipping Weight (Lbs.)	294
SAFETY DEVICE DATA	Compressor Overload	Internal
	Fan Motor Overload	Automatic Internal
	Evaporator Freeze Protection	Hot Gas Bypass
	High Pressure Switch	Manual
	Low Pressure Switch	Automatic
	Compressor Short Cycle	Yes
	Automatic Restart	Yes
	Thermostat Type	Customer supplied
	Condensate Pump Overflow	Yes
	Condensate Pump Type	Internal High lift 20' of head
	Fire Alarm Control Safety Shutoff	Yes
	Alarm Output for Building Automation	Yes

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