

CP22K8ME-PFV

HFC, R-410A, 60 Hz, 1 - Phase, 208/230 V

High Temp

Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance			Mechanical					
Evaporator Temp. (°F)	45.00	45	Displacement (in^3/Rev):				1.76	
Condensing Temp. (°F)	130.00	100	Displacement (ft^3/Hr):					
Return Gas Temp. (°F)	65.00	65	Overall Length (in):				9.30	
Liquid Temp. (°F)	115.00	85	Overall Width (in):				9.09	
Capacity (BTU/hr)	21200	30400	Overall Height (in):				14.12	
Power (W):	2100	1690	Mounting Length (in):				7.50	
Current (Amps):	9.75	8.05	Mounting Width (in):				7.50	
EER(BTU/Wh):	10.11	17.97	Mounting Height (in):				14.98	
Mass Flow (lbs/hr):	324	376	Suction Size (in),Type:				1 / 2 Stub	
Sound Data @ 45 / 130			Discharge Size (in),Type:				3 / 8 Stub	
Sound Power (dBA):	Avg	78 Max	Initial Oil Charge (oz):				35	
Vibration mils(peak-peak):		100.0 Max	Oil Recharge (oz):				35	
Record Date:	2021-07-12		Oil Type:				POE	
			Net Weight (lbs):				69.5	
			Internal Free Volume (in^3):					
			Horse Power:					
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.					
Electrical			Capacitors					
LRA High* (Amps):		74	Type	Part No	Low MFD	High MFD	Volts	User Description
LRA Low*(Amps):			No data available in table					
LRA Half Winding (Amps):								
MCC (Amps):		19						
Max Operating Current (Amps):								
RLA, MCC/1.4(use for contactor selection)(Amps):		13.6						
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):		12.2						
RPM:		3500						
Box IP :								
UL File No:								
UL File Date:								
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.								

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
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