

CR24K6E-TFD

HCFC, R-22, 60 Hz, 3 - Phase, 380/460 V [. Also Available with Variable Frequency Drives](#)

Air Conditioning

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	45	Displacement (in ³ /Rev):	2.70	
Condensing Temp. (°F)	130	100	Displacement (ft ³ /Hr):		
Return Gas Temp. (°F)	65	65	Overall Length (in):	10.23	
Liquid Temp. (°F)	115	85	Overall Width (in):	9.65	
Capacity (BTU/hr)	24000	32000	Overall Height (in):	13.44	
Power (W):	2210	1780	Mounting Length (in):	7.50	
Current (Amps):	3.4	2.9	Mounting Width (in):	7.50	
EER(BTU/Wh):	10.9	18	Mounting Height (in):	13.82	
Mass Flow (lbs/hr):	351	413	Suction Size (in),Type:	3 / 4 Stub	
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub	
Sound Power (dBA):	72 Avg	77 Max	Initial Oil Charge (oz):	45	
Vibration mils(peak-peak):	2.3 Avg	3.3 Max	Oil Recharge (oz):	43	
Record Date:	2014-03-06		Net Weight (lbs):	60.0	
			Internal Free Volume (in ³):		
			Horse Power:		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.		

Electrical		Capacitors				
		Type	Part No	Low MFD	High MFD	Volts User Description
LRA High* (Amps):	28.0	No data available in table				
LRA Low*(Amps):						
LRA Half Winding (Amps):						
MCC (Amps):	5.6					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	4.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	3.6					
RPM:						
Box IP :						
UL File No:						
UL File Date:	1984-12-28					

*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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R-22 HCFC	380/420	3	50	Air Conditioning
R-407C HFC	380/420	3	50	Air Conditioning
R-407C HFC	380/460	3	60	Air Conditioning