

CR28K6E-TF5

HFC, R-407C, 60 Hz, 3 - Phase, 200/230 V [. Also Available with Variable Frequency Drives](#)

Air Conditioning

Production Status: Preliminary data only - Contact your Copeland Representative.

Performance			Mechanical		
Evaporator Temp. (°F)	45.00	45	Displacement (in ³ /Rev):	3.02	
Condensing Temp. (°F)	130.00	100	Displacement (ft ³ /Hr):		
Return Gas Temp. (°F)	65.00	65	Overall Length (in):	10.22	
Liquid Temp. (°F)	115.00	85	Overall Width (in):	9.60	
Capacity (BTU/hr)	25800	36200	Overall Height (in):	13.13	
Power (W):	2370	1965	Mounting Length (in):	7.50	
Current (Amps):	7.6	6.75	Mounting Width (in):	7.50	
EER(BTU/Wh):	10.9	18.45	Mounting Height (in):	13.85	
Mass Flow (lbs/hr):	376	449	Suction Size (in),Type:	3 / 4 Stub	
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub	
Sound Power (dBA):	73 Avg	78 Max	Initial Oil Charge (oz):	45	
Vibration mils(peak-peak):	4.5 Avg	5.5 Max	Oil Recharge (oz):	43	
Record Date:	2009-09-25		Oil Type:	POE	
			Net Weight (lbs):	61.0	
			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):	68.0	No data available in table				
LRA Low*(Amps):						
LRA Half Winding (Amps):						
MCC (Amps):	14					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	10.0					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	9.0					
RPM:	3500					
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
R-22 HCFC	200/230	3	60	Air Conditioning
R-22 HCFC	200/220	3	50	UL High Temp
R-407C HFC	200/220	3	50	Air Conditioning