

CR38K6E-TFD

HCFC, R-22, 60Hz, 3- Phase, 380/460 V

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

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	37900	49600
Power (Watts):	3440	2740
Current (Amps):	5.30	4.50
EER (Btu/Wh):	11.00	18.10
Mass Flow (lbs/hr):	555	640
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-peak)):	3.6 Avg	4.6 Max
Record Date:	2014-03-06	

Mechanical

Number of Cylinders:	2	Displ(in ³ /Rev):	4.05
Bore Size(in):	1.96	Displ(ft ³ /hr):	492.79
Stroke(in):	0.67		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.31	Mounting Height (in):	14.69 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		43	
Initial Oil Charge (oz):		45	
Net Weight (lbs):		67	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	42.0	MCC (Amps):	8.2	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		5.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		5.3			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	3	380/420	Air Conditioning
R-404A HFC	50	3	380/420	High Temp
R-407C HFC	50	3	380/420	Air Conditioning
R-407C HFC	60	3	380/460	Air Conditioning