

CR38K6E-TFD

HCFC, R-22, 60 Hz, 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

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	37900	49600
Power (W):	3440	2740
Current (Amps):	5.30	4.50
EER (Btu/Wh):	11.00	18.10
Mass Flow (lbs/hr):	555	640
<u>Sound Data @</u>		
Sound Power (dBA):	76 Avg	81 Max
Vibration mils(peak-peak):	3.6 Avg	4.6 Max
Record Date:	2014-03-06	

Mechanical

Displacment(in ³ /Rev):	4.05
Displacment(ft ³ /hr):	492.79
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	14.31
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	14.69 *
Suction Size (in),Type:	3/4 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	45
Oil Recharge (oz):	43
Net Weight (lbs):	67.0
Internal Free Volume (in ³):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	42.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	8.2
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	5.9
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.3
RPM:	
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.

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-404A HFC	380/420	3	50	High Temp
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