

**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****Mechanical**

Evaporator Temp. (°F)	45	45	Displacement (in <sup>3</sup> /Rev):	4.05
Condensing Temp. (°F)	130	100	Displacement (ft <sup>3</sup> /hr):	492.79
Return Gas Temp. (°F)	65	65	Overall Length (in):	10.23
Liquid Temp. (°F)	115	85	Overall Width (in):	9.65
Capacity (Btu/hr):	37900	49600	Overall Height (in):	14.31
Power (W):	3440	2740	Mounting Length (in):	7.50
Current (Amps):	5.3	4.5	Mounting Width (in):	7.50
EER (Btu/Wh):	11.0	18.1	Mounting Height (in):	14.69 *
Mass Flow (lbs/hr):	555	640	Suction Size (in),Type:	3/4 Stub
<u>Sound Data @</u>			Discharge Size (in),Type:	1/2 Stub
Sound Power (dBA):	76 Avg	81 Max	Initial Oil Charge (oz):	45
Vibration mils(peak-peak):	3.6 Avg	4.6 Max	Oil Recharge (oz):	43
Record Date:	2014-03-06		Net Weight (lbs):	67.0
			Internal Free Volume (in <sup>3</sup> ):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

**Electrical****Capacitors**

LRA High* (Amp):	42.0	<u>Type</u>	<u>Part No</u>	<u>Low MFD</u>	<u>High MFD</u>	<u>Volts</u>	<u>User Description</u>
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.							

**Alternate Applications**

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Frequency</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