

CR47KQE-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)	47200	60000
Power (W):	4540	3710
Current (Amps):	6.90	6.00
EER (Btu/Wh):	10.40	16.10
Mass Flow (lbs/hr):	690	770
<u>Sound Data @</u>		
Sound Power (dBA):	76 Avg	81 Max
Vibration mils(peak-peak):	4.0 Avg	5.0 Max
Record Date:	2014-03-06	

Electrical

LRA-High*(Amp):	50.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	11.5
Max Operating Current(Amp):	11.1
RLA, MCC/1.4;use for contactor selection (Amp):	8.2
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	7.4
RPM:	
UL File No:	
UL File Date:	
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.	

Mechanical

Displacment(in^3/Rev):	4.95
Displacment(ft^3/hr):	602.06
Overall Length (in):	10.38
Overall Width (in):	9.09
Overall Height (in):	14.81
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	15.19 *
Suction Size (in),Type:	7/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	45
Oil Recharge (oz):	43
Net Weight (lbs):	77.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

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