

Copeland™ CR Series

For Medium & High Temperature Applications

R22

CR37



www.generalcooltrade.com

مهندس سید آرش مرتضی نیا

بازرگانی جنرال کول

جهت دریافت مشاوره فنی با کارشناسان ما در تماس باشید

شماره تماس مستقیم: ۰۹۱۲۶۳۴۳۴۳۶

Copeland™
brand products


EMERSON™

CR37KQ-TFD

HCFC, R-22, 50 Hz, 3 -Phase, 380/420 V

Air Conditioning



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)	31000	40200
Power (W):	2980	2480
Current (Amps):	5.70	5.00
EER (Btu/Wh):	10.40	16.20
Mass Flow (lbs/hr):	454	520
<u>Sound Data @</u>		
Sound Power (dBA):	74 Avg	79 Max
Vibration mils(peak-peak):	4.5 Avg	5.5 Max
Record Date:	1998-11-19	

Mechanical

Displacment(in ³ /Rev):	4.06
Displacment(ft ³ /hr):	408.92
Overall Length (in):	9.25
Overall Width (in):	9.25
Overall Height (in):	14.25
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	14.62 *
Suction Size (in),Type:	3/4 Stub
Discharge Size (in),Type:	3/8 Stub
Initial Oil Charge (oz):	40
Oil Recharge (oz):	38
Net Weight (lbs):	66.0
Internal Free Volume (in ³):	375.0
Horse Power:	

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

Electrical

LRA-High*(Amp):	39.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	7.8
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	5.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.0
RPM:	2900
UL File No:	
UL File Date:	

*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-22 HCFC	380/460	3	60	High Temp
R-22 HCFC	380/460	3	60	Air Conditioning
R-22 HCFC	380/460	3	60	UL Medium Temp
R-22 HCFC	380/420	3	50	High Temp