

CR24K6E-PFV

HFC, R-407C, 60 Hz, 1 -Phase, 208/230 V
Air Conditioning



Production Status: Preliminary data only - Contact your Emerson Climate Technologies Representative.

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)	22600	31500
Power (W):	2140	1765
Current (Amps):	9.50	8.10
EER (Btu/Wh):	10.55	17.80
Mass Flow (lbs/hr):	329	391
<u>Sound Data @</u>		
Sound Power (dBA):	72 Avg	77 Max
Vibration mils(peak-peak):	2.3 Avg	3.3 Max
Record Date:	2009-09-25	

Mechanical

Displacment(in ³ /Rev):	2.70
Displacment(ft ³ /hr):	328.22
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	13.44
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	13.81 *
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):	63.0
Internal Free Volume (in ³):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	61.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	17.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	12.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	11.2
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

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-16	43.0	52.0	330	LOW TORQUE
Start Capacitor	014-0061-28	145.0	175.0	250	HIGH TORQUE
Run Capacitor	014-0064-07	35.0	0.0	370	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	200	1	50	UL High Temp
R-407C HFC	200	1	50	UL High Temp
R-407C HFC	200	1	50	Air Conditioning