

CR28K6E-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)	26100	36300
Power (W):	2440	2010
Current (Amps):	11.80	10.10
EER (Btu/Wh):	10.70	18.05
Mass Flow (lbs/hr):	380	451
<u>Sound Data @</u>		
Sound Power (dBA):	73 Avg	78 Max
Vibration mils(peak-peak):	4.5 Avg	5.5 Max
Record Date:	2009-09-25	

Electrical

LRA-High*(Amp):	75.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	21.4
Max Operating Current(Amp):	17.1
RLA, MCC/1.4;use for contactor selection (Amp):	15.3
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	13.7
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.	

Mechanical

Displacement(in ³ /Rev):	3.02
Displacement(ft ³ /hr):	367.49
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	13.56
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	13.94 *
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):	64.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-04	145.0	175.0	220	HIGH TORQUE
Start Capacitor	014-0061-16	43.0	52.0	330	LOW TORQUE
Run Capacitor	014-0064-07	35.0	0.0	370	

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-407C HFC	200	1	50	Air Conditioning