

# CR16K6E-PFV

HFC, R-407C, 60 Hz, 1 -Phase, 208/230 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)	15150	21900
Power (W):	1495	1275
Current (Amps):	6.75	5.85
EER (Btu/Wh):	10.15	17.15
Mass Flow (lbs/hr):	220	272
<u>Sound Data @</u>		
Sound Power (dBA):	70 Avg	75 Max
Vibration mils(peak-peak):	1.6 Avg	2.6 Max
Record Date:	2010-09-01	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	1.87
Displacment(ft <sup>3</sup> /hr):	226.82
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	13.19
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	13.56 *
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):	61.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	

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

## Electrical

LRA-High*(Amp):	49.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	13.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	9.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	8.6
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	014-0061-17	189.0	227.0	220	HIGH TORQUE
Run Capacitor	014-0064-05	25.0	0.0	370	

## Alternate Applications

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