

# CR35K6E-PFV

HCFC, R-22, 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)	31900	44400
Power (W):	3020	2480
Current (Amps):	14.60	12.50
EER (Btu/Wh):	10.60	17.90
Mass Flow (lbs/hr):	464	551
<u>Sound Data @</u>		
Sound Power (dBA):	75 Avg	80 Max
Vibration mils(peak-peak):	3.6 Avg	4.6 Max
Record Date:	2018-08-14	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	3.78
Displacment(ft <sup>3</sup> /hr):	459.79
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	14.06
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	14.44 *
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):	67.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA-High*(Amp):	96.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	25.2
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	18.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	16.2
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	014-0006-13	189.0	227.0	330	HIGH TORQUE
Start Capacitor	014-0061-13	64.0	77.0	330	LOW TORQUE
Run Capacitor	014-0080-05	40.0	0.0	370	

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-407C HFC	200	1	50	Air Conditioning
R-407C HFC	208/230	1	60	Air Conditioning