

# CR38K6-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)	38200	49500
Power (W):	3520	2810
Current (Amps):	17.20	14.50
EER (Btu/Wh):	10.90	17.60
Mass Flow (lbs/hr):	560	635
<u>Sound Data @</u>		
Sound Power (dBA):	76 Avg	81 Max
Vibration mils(peak-peak):	3.6 Avg	4.6 Max
Record Date:	1993-06-18	

## Mechanical

Displacement(in <sup>3</sup> /Rev):	4.05
Displacement(ft <sup>3</sup> /hr):	492.79
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	14.31
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	14.69 *
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):	74.0
Internal Free Volume (in <sup>3</sup> ):	470.0
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

## Electrical

LRA-High*(Amp):	105.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	26.6
Max Operating Current(Amp):	21.3
RLA, MCC/1.4;use for contactor selection (Amp):	19.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	17.1
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	014-0061-20	72.0	86.0	330	LOW TORQUE
Run Capacitor	014-0080-06	40.0	0.0	440	

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
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