

# CF12K6E-PFV

HFC, R-404A, 60 Hz, 1 -Phase, 208/230 V

Low Temperature



**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)	-10	-25
Condensing Temp. (°F)	120	105
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	105
Capacity (Btu/hr)	12700	9510
Power (W):	3250	2420
Current (Amps):	16.10	13.20
EER (Btu/Wh):	3.90	3.90
Mass Flow (lbs/hr):	290	188
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2006-08-23	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	5.47
Displacment(ft <sup>3</sup> /hr):	665.12
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):	69.0
Internal Free Volume (in <sup>3</sup> ):	490.0
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):	28.7
Max Operating Current(Amp):	23.0
RLA, MCC/1.4;use for contactor selection (Amp):	20.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	18.4
RPM:	
UL File No:	SA-2337
UL File Date:	2000-04-26

\*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
Run Capacitor	014-0064-14	40.0	0.0	440	

## Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	200	1	50	Low Temperature
R-507 HFC	200	1	50	UL Low Temp
R-507 HFC	208/230	1	60	UL Low Temp