CF12K6E-TF5

HFC, R-404A, 60Hz, 3- Phase, 200/230 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

Evap(°F)/Cond(°F)	-10 / 120	-25 / 105
RG(°F)/Liq(°F)	40 / 120	40 / 105
Capacity (Btu/hr)	12500	9700
Power (Watts):	3110	2330
Current (Amps):	10.20	8.70
EER (Btu/Wh):	4.00	4.20
Mass Flow (lbs/hr):	285	191
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	2002-11-11	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	5.47
Bore Size(in):	1.96	Displ(ft^3/hr):	665.12
Stroke(in):	0.91		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.31	Mounting Height (in):	14.69 *

Suction Size (in):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	69
Internal Free Volume (in^3):	490.0
Horse Power:	

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

Electrical

LRA-High*:	85.0	MCC (Amps):	17.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:		UL File Date:	26-Apr-2000
LRA Low*:		Max Operating Current:	13.8		
RLA(=MCC/1.4;use for contactor selection):		12.3			
RLA(=MCC/1.56;use for breaker & wire size		11			

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	3	200/220	Low Temperature
R-507 HFC	50	3	200/220	
R-507 HFC	60	3	200/230	

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