

CF12K6E-TFD

HFC, R-404A, 60Hz, 3- Phase, 380/460 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)	40.0 / 120.0	40.0 / 105.0
Capacity (Btu/hr)	12500	9700
Power (Watts):	3110	2330
Current (Amps):	5.10	4.40
EER (Btu/Wh):	4.00	4.20
Mass Flow (lbs/hr):	285	191
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-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*:	42.0	MCC (Amps):	9.2	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Apr-2000
LRA Low*:		Max Operating Current:	7.4		
RLA(=MCC/1.4;use for contactor selection):			6.6		
RLA(=MCC/1.56;use for breaker & wire size selection):			5.9		
*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	380/420	Low Temperature
R-507 HFC	50	3	380/420	
R-507 HFC	60	3	380/460	