

CF12K6E-TFD

HFC, R-404A, 60 Hz, 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

Evaporator Temp. (°F)	-10	-25
Condensing Temp. (°F)	120	105
Return Gas Temp. (°F)	40	40
Liquid Temp. (°F)	120	105
Capacity (Btu/hr)	12300	9580
Power (W):	3040	2320
Current (Amps):	5.10	4.35
EER (Btu/Wh):	4.05	4.10
Mass Flow (lbs/hr):	295	197
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2018-03-13	

Mechanical

Displacment(in ³ /Rev):	5.47
Displacment(ft ³ /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 ³):	490.0
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	42.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	9.2
Max Operating Current(Amp):	7.4
RLA, MCC/1.4;use for contactor selection (Amp):	6.6
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	5.9
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

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-404A HFC	380/420	3	50	Low Temperature