

CF04K6E-TFD

HFC, R-404A, 60 Hz, 3 - Phase, 460 V , [Also Available with Variable Frequency Drives](#)

Low Temperature

Production Status: This model is obsolete and is no longer in production for both OEM and service replacement. Please contact Customer Service about possible replacement models.

Summary

Performance		
Evaporator Temp. (°F)	-25.00	-10
Condensing Temp. (°F)	105.00	120
Return Gas Temp. (°F)	40.00	40
Liquid Temp. (°F)	105.00	120
Capacity (BTU/hr)	2710	3660
Power (W):	750	1030
Current (Amps):	1.8	2.1
EER(BTU/Wh):	3.6	3.5
Mass Flow (lbs/hr):	54	84
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2002-11-11	
Mechanical		
Displacement (in ³ /Rev):	2.23	
Displacement (ft ³ /Hr):		
Overall Length (in):	10.30	
Overall Width (in):	9.10	
Overall Height (in):	13.30	
Mounting Length (in):	7.50	
Mounting Width (in):	7.50	
Mounting Height (in):	13.70	

Suction Size (in),Type:	3 / 4 Stub
Discharge Size (in),Type:	1 / 2 Stub
Initial Oil Charge (oz):	45
Oil Recharge (oz):	
Oil Type:	POE
Net Weight (lbs):	.0
Internal Free Volume (in³):	450.0

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

Electrical

LRA High* (Amps):	26.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	4.6
Max Operating Current (Amps):	
RLA, MCC/1.4(use for contactor selection)(Amps):	3.3
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	2.9
RPM:	3500
Box IP :	
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
No data available in table					

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-404A HFC	380/420	3	50	Low Temperature

Nomenclature

Family Series

C: Family of Compressors

Application Range

F: REF LT/MT, R404A

Nominal Capacity at Rating Condition

04K: Capacity Multiplier-100

Model Series Variation (Efficiency)

6: Generation 2 (BASE)

Identifier

: CK Model

OIL Identifier

E: POE OIL

Motor Type

T: 3 Phase

Motor Protection

F: Internal Inherent Protection

Voltage

D: 60Hz (460-3) 50Hz (380/420-3)