

# CF06K6E-TFD

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

## Low Temperature

**Production Status:** Available for sale to all U.S. customers. Please check with your local Copeland Representative for international availability.

## 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)	4620	6320
Power (W):	1200	1630
Current (Amps):	2.2	2.7
EER(BTU/Wh):	3.9	3.9
Mass Flow (lbs/hr):	91	144
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 <sup>3</sup> /Rev):	3.03	
Displacement (ft <sup>3</sup> /Hr):		
Overall Length (in):	10.20	
Overall Width (in):	9.70	
Overall Height (in):	13.30	
Mounting Length (in):	7.50	
Mounting Width (in):	7.50	
Mounting Height (in):	13.70	

<b>Suction Size (in),Type:</b>	3 / 4 Stub
<b>Discharge Size (in),Type:</b>	1 / 2 Stub
<b>Initial Oil Charge (oz):</b>	45
<b>Oil Recharge (oz):</b>	43
<b>Oil Type:</b>	POE
<b>Net Weight (lbs):</b>	64.0
<b>Internal Free Volume (in<sup>3</sup>):</b>	450.0

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

#### Electrical

<b>LRA High* (Amps):</b>	25.4
<b>LRA Low*(Amps):</b>	
<b>LRA Half Winding (Amps):</b>	
<b>MCC (Amps):</b>	5.2
<b>Max Operating Current (Amps):</b>	4.20
<b>RLA, MCC/1.4(use for contactor selection)(Amps):</b>	3.7
<b>RLA, MCC/1.56(use for breaker &amp; wire size selection)(Amps):</b>	3.3
<b>RPM:</b>	3500
<b>Box IP :</b>	
<b>UL File No:</b>	SA-2337
<b>UL File Date:</b>	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
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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**

**06K:** 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)