

**CS33K6E-TFD**

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

**Extended Medium Temp**

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

Performance			Mechanical		
Evaporator Temp. (°F)	20.00	-10	Displacement (in <sup>3</sup> /Rev):	6.22	
Condensing Temp. (°F)	120.00	120	Displacement (ft <sup>3</sup> /Hr):		
Return Gas Temp. (°F)	40.00	40	Overall Length (in):	10.23	
Liquid Temp. (°F)	120.00	120	Overall Width (in):	9.65	
Capacity (BTU/hr)	30800	12100	Overall Height (in):	14.81	
Power (W):	4960	3030	Mounting Length (in):	7.50	
Current (Amps):	7.4	5.3	Mounting Width (in):	7.50	
EER(BTU/Wh):	6.2	4	Mounting Height (in):	15.19	
Mass Flow (lbs/hr):	735	275	Suction Size (in),Type:	7 / 8 Stub	
Sound Data @			Discharge Size (in),Type:	1 / 2 Stub	
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (oz):	45	
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (oz):	43	
Record Date:	2010-09-14		Oil Type:	POE	
			Net Weight (lbs):	79.0	
			Internal Free Volume (in <sup>3</sup> ):		
			Horse Power:		
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.		

Electrical		Capacitors				
LRA High* (Amps):	48	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	13.8					
Max Operating Current (Amps):	11.0					
RLA, MCC/1.4(use for contactor selection)(Amps):	9.9					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	8.8					
RPM:						
Box IP :						
UL File No:						
UL File Date:	1984-12-28					

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

**Alternate Applications**

<b>Refrigerant</b>	<b>Voltage</b>	<b>Phase</b>	<b>Frequency</b>	<b>Application</b>
R-134a HFC	460	3	60	High Temp
R-134a HFC	380/420	3	50	High Temp