

CS20K6E-TFD

HFC, R-404A, 50 Hz, 3 - Phase, 380/420 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. (°C)	-7	-23	Displacement (cm ³ /Rev):	72.10
Condensing Temp. (°C)	49	49	Displacement (m ³ /Hr):	
Return Gas Temp. (°C)	4	4	Overall Length (mm):	259.84
Liquid Temp. (°C)	49	49	Overall Width (mm):	245.11
Capacity (Watts)	4806	1691	Overall Height (mm):	357.12
Power (W):	2480	1480	Mounting Length (mm):	190.50
Current (Amps):	6.1	4.1	Mounting Width (mm):	190.50
EER(BTU/Wh):	11.21	6.63	Mounting Height (mm):	366.78
Mass Flow (lbs/hr):	49.27	16.38	Suction Size (mm),Type:	127.00 / 203.20 Stub
Sound Data @			Discharge Size (mm),Type:	25.40 / 50.80 Stub
Sound Power (dBA):	0 Avg	0 Max	Initial Oil Charge (ml):	1330.83
Vibration mils(peak-peak):	0.0 Avg	0.0 Max	Oil Recharge (ml):	1271.68
Record Date:	2002-05-10		Oil Type:	POE
			Net Weight (kg):	29.48
			Internal Free Volume (cm ³):	
			Horse Power:	
			*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical		Capacitors				
LRA High* (Amps):	40.0	Type	Part No	Low MFD	High MFD	Volts User Description
LRA Low*(Amps):		No data available in table				
LRA Half Winding (Amps):						
MCC (Amps):	7.1					
Max Operating Current (Amps):						
RLA, MCC/1.4(use for contactor selection)(Amps):	5.1					
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	4.6					
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.

Refrigerant	Voltage	Phase	Frequency	Application
R-134a HFC	460	3	60	High Temp
R-134a HFC	380/420	3	50	High Temp
R-22 HCFC	460	3	60	Medium Temperature
R-22 HCFC	380/420	3	50	Medium Temperature
R-404A HFC	460	3	60	Extended Medium Temp
R-404A HFC	460	3	60	Extended Medium Temp
R-407A HFC	460	3	60	Medium Temperature
R-448A HFO	460	3	60	Medium Temperature
R-449A HFO	460	3	60	Medium Temperature
R-507 HFC	460	3	60	Extended Medium Temp
R-507 HFC	380/420	3	50	Extended Medium Temp