

# CS20K6E-TF5

HFC, R-404A, 60Hz, 3- Phase, 200/230 V  
 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

Evap(°F)/Cond(°F)	20 / 120	-10 / 120
RG(°F)/Liq(°F)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr)	19800	6950
Power (Watts):	3020	1790
Current (Amps):	9.40	6.20
EER (Btu/Wh):	6.60	3.90
Mass Flow (lbs/hr):	475	158
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	1996-01-08	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	4.40
Bore Size(in):	1.96	Displ(ft <sup>3</sup> /hr):	534.59
Stroke(in):	0.73		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.06	Mounting Height (in):	14.44 *
Suction Size (in):	5/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	43		
Initial Oil Charge (oz):	45		
Net Weight (lbs):	65		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	75.0	MCC (Amps):	15.97	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	16.6		
RLA(=MCC/1.4;use for contactor selection):	11.4				
RLA(=MCC/1.56;use for breaker & wire size selection):	10.2				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-507 HFC	60	3	200/230	
R-404A HFC	50	3	200/240	
R-507 HFC	50	3	200/240	
R-404A HFC	50	3	200/240	Extended Medium Temp
R-22 HCFC	50	3	200/240	Medium Temperature
R-507 HFC	50	3	200/240	Extended Medium Temp
R-134a HFC	50	3	200/240	High Temp
R-507 HFC	60	3	200/230	Extended Medium Temp
R-22 HCFC	60	3	200/230	Medium Temperature
R-134a HFC	60	3	200/230	High Temp

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-404A HFC	60	3	200/230	High Temp