CS20K6E-PFV

HFC, R-404A, 60Hz, 1- Phase, 208/230 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 / 120	40 / 120
Capacity (Btu/hr)	20000	7050
Power (Watts):	3120	1850
Current (Amps):	14.90	10.00
EER (Btu/Wh):	6.40	3.80
Mass Flow (lbs/hr):	482	160
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	1994-07-29	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	4.40
Bore Size(in):	1.96	Displ(ft^3/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):	3/4 Stub
Discharge Size (in):	1/2 Stub
Oil Recharge (oz):	43
Initial Oil Charge (oz):	45
Net Weight (lbs):	67
Internal Free Volume (in^3):	
Horse Power:	

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

Electrical

LRA-High*:	96.0	MCC (Amps):	26.0	UL File No:	
LRA-Half Winding:		RPM:		UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:	22.4		
RLA(=MCC/1.4;use for contactor selection):		18.6			
RLA(=MCC/1.56;use for breaker & wire size		16.7			

*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-134a HFC	50	1	200	High Temperature
R-22 HCFC	50	1	200	
R-404A HFC	50	1	200	
R-404A HFC	50	1	200	
R-507 HFC	50	1	200	
R-507 HFC	50	1	200	
R-134a HFC	60	1	208/230	High Temperature
R-22 HCFC	60	1	208/230	Medium Temperature
R-404A HFC	60	1	208/230	
R-404A HFC	60	1	208/230	Extended Medium Temp
R-404A HFC	60	1	208/230	High Temperature

Copyright © 2010 Emerson Climate Technologies, Inc. All rights reserved.

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-507 HFC	60	1	208/230	
R-507 HFC	60	1	208/230	Extended Medium Temp
R-507 HFC	60	1	208/230	Extended Medium Temp

Copyright © 2010 Emerson Climate Technologies, Inc. All rights reserved.