CS18K6E-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)	40.0 / 120.0	40.0 / 120.0
Capacity (Btu/hr)	18100	6310
Power (Watts):	2780	1660
Current (Amps):	13.00	8.40
EER (Btu/Wh):	6.50	3.80
Mass Flow (lbs/hr):	429	144
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-	0.0 Avg	0.0 Max
Record Date:	2003-03-06	

Mechanical

Number of Cylinders:	2	Displ(in^3/Rev):	3.64
Bore Size(in):	1.66	Displ(ft^3/hr):	442.34
Stroke(in):	0.85		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	13.81	Mounting Height (in):	14.19 *

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^3):	
Horse Power:	

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

Electrical

LRA-High*:	82.0	MCC (Amps):	22.4	UL File No:	
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Dec-1984
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		16			
RLA(=MCC/1.56;use for breaker & wire size		14.4			

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

Type	Part No	Low MFD	High MFD	Volts	User Description
Start Capacitor	014-0061-16	43.0	52.0	330	LOW TORQUE
Start Capacitor	014-0061-28	145.0	175.0	250	HIGH TORQUE
Run Capacitor	014-0064-07	35.0	0.0	370	

Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-404A HFC	50	1	200	Extended Medium Temp
R-22 HCFC	50	1	200	UL Medium Temp
R-507 HFC	50	1	200	Extended Medium Temp
R-134a HFC	50	1	200	High Temp
R-22 HCFC	60	1	208/230	Medium Temperature
R-507 HFC	60	1	208/230	Extended Medium Temp
R-134a HFC	60	1	208/230	High Temp

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