

CS18K6E-PFV

HCFC, R-22, 60 Hz, 1 -Phase, 208/230 V

Medium Temperature



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

Performance

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	18600	11900
Power (W):	2500	1870
Current (Amps):	10.80	8.20
EER (Btu/Wh):	7.40	6.40
Mass Flow (lbs/hr):	289	174
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2002-08-09	

Electrical

LRA-High*(Amp):	82.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	22.4
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	16.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	14.4
RPM:	
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.	

Mechanical

Displacment(in^3/Rev):	3.64
Displacment(ft^3/hr):	442.34
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	13.81
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	14.19 *
Suction Size (in),Type:	5/8 Stub
Discharge Size (in),Type:	1/2 Stub
Initial Oil Charge (oz):	45
Oil Recharge (oz):	43
Net Weight (lbs):	65.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

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