

CS18K6E-TF5

HCFC, R-22, 60 Hz, 3 -Phase, 200/230 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)	40	40
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	18300	11700
Power (W):	2420	1810
Current (Amps):	14.80	11.20
EER (Btu/Wh):	7.50	6.50
Mass Flow (lbs/hr):	285	171
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	1999-04-28	

Electrical

LRA-High*(Amp):	65.5
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	14.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	10.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	9.4
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):	63.0
Internal Free Volume (in^3):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Capacitors

Alternate Applications

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