

CS12K6E-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)	65	65
Liquid Temp. (°F)	120	110
Capacity (Btu/hr)	12100	7800
Power (W):	1680	1250
Current (Amps):	5.40	4.10
EER (Btu/Wh):	7.20	6.20
Mass Flow (lbs/hr):	189	114
<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	

Mechanical

Displacment(in ³ /Rev):	2.54
Displacment(ft ³ /hr):	308.42
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	13.31
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	13.69 *
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):	60.0
Internal Free Volume (in ³):	
Horse Power:	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	51.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	10.5
Max Operating Current(Amp):	9.6
RLA, MCC/1.4;use for contactor selection (Amp):	7.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	6.7
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.	

Capacitors

Alternate Applications

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