

# CS27K6E-TF5

HFC, R-134a, 60 Hz, 3 -Phase, 200/230 V  
High Temp



**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)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	130	120
Capacity (Btu/hr)	30600	16700
Power (W):	3180	2230
Current (Amps):	10.20	8.20
EER (Btu/Wh):	9.60	7.50
Mass Flow (lbs/hr):	535	265
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2002-12-09	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	5.59
Displacment(ft <sup>3</sup> /hr):	679.79
Overall Length (in):	10.23
Overall Width (in):	9.65
Overall Height (in):	14.81
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	15.19 *
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):	76.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	

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

## Electrical

LRA-High*(Amp):	105.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	21.4
Max Operating Current(Amp):	17.6
RLA, MCC/1.4;use for contactor selection (Amp):	15.3
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	13.7
RPM:	
UL File No:	SA-2337
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

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-134a HFC	200/220	3	50	High Temp
R-404A HFC	200/220	3	50	Extended Medium Temp
R-404A HFC	200/230	3	60	Extended Medium Temp