

# CS27K6E-TFD

HFC, R-404A, 60Hz, 3- Phase, 460 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)	26800	10600
Power (Watts):	4310	2650
Current (Amps):	6.40	4.60
EER (Btu/Wh):	6.20	4.00
Mass Flow (lbs/hr):	640	242
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2001-05-24	

## Mechanical

Number of Cylinders:	2	Displ(in <sup>3</sup> /Rev):	5.59
Bore Size(in):	1.96	Displ(ft <sup>3</sup> /hr):	679.79
Stroke(in):	0.93		
Overall Length (in):	10.23	Mounting Length (in):	7.50
Overall Width (in):	9.65	Mounting Width (in):	7.50
Overall Height (in):	14.81	Mounting Height (in):	15.19 *
Suction Size (in):		5/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		43	
Initial Oil Charge (oz):		45	
Net Weight (lbs):		76	
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	52.0	MCC (Amps):	11.8	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):		8.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		7.6			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-134a HFC	60	3	460	High Temp
R-134a HFC	50	3	380/420	High Temp
R-404A HFC	50	3	380/420	Extended Medium Temp