

6DC3F93KE-TSK

HFC, R-404A, 60Hz, 3- Phase, 460 V
Low Temp, Low Condensing



Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Emerson Climate Technologies Wholesaler. Please check with your local Emerson Climate Technologies Representative for international availability.

Performance

Evap(°F)/Cond(°F)	-25 / 105	-40 / 105
RG(°F)/Liq(°F)	65.0 / 105.0	65.0 / 105.0
Capacity (Btu/hr)	92500	56500
Power (Watts):	17400	13100
Current (Amps):	29.60	25.20
EER (Btu/Wh):	5.30	4.30
Mass Flow (lbs/hr):	1650	985
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2007-04-16	

Mechanical

Number of Cylinders:	6	Displ(in ³ /Rev):	74.50
Bore Size(in):	2.69	Displ(ft ³ /hr):	4526.69
Stroke(in):	2.19		
Overall Length (in):	29.44	Mounting Length (in):	15.00
Overall Width (in):	22.44	Mounting Width (in):	12.00
Overall Height (in):	26.00	Mounting Height (in):	27.19 *
Suction Size (in):	2 1/8 Sweat		
Discharge Size (in):	1 3/8		
Oil Recharge (oz):	130		
Initial Oil Charge (oz):	140		
Net Weight (lbs):	550		
Internal Free Volume (in ³):			
Horse Power:	15		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	225.0	MCC (Amps):	56.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	07-Apr-1971
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		40.4			
RLA(=MCC/1.56;use for breaker & wire size selection):		36.2			
*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-502 CFC	50	3	200	Low Temperature
R-404A HFC	50	3	200	Low Temp, Low Condensing
R-507 HFC	50	3	200	Low Temp, Low Condensing
R-407C HFC	50	3	200	UL Low Temp
R-407A HFC	50	3	200	UL Low Temp
R-407F HFC	50	3	200	
R-502 CFC	60	3	460	Low Temperature
R-507 HFC	60	3	460	Low Temp, Low Condensing
R-407C HFC	60	3	460	UL Low Temp
R-407A HFC	60	3	460	UL Low Temp

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407F HFC	60	3	460	
R-502 CFC	60	3	208/230	Low Temperature
R-404A HFC	60	3	208/230	Low Temp, Low Condensing
R-507 HFC	60	3	208/230	Low Temp, Low Condensing
R-407C HFC	60	3	208/230	UL Low Temp
R-407A HFC	60	3	208/230	UL Low Temp
R-407F HFC	60	3	208/230	
R-502 CFC	50	3	380/400	Low Temperature
R-404A HFC	50	3	380/400	Low Temp, Low Condensing
R-507 HFC	50	3	380/400	Low Temp, Low Condensing
R-407C HFC	50	3	380/400	UL Low Temp
R-407A HFC	50	3	380/400	UL Low Temp
R-407F HFC	50	3	380/400	
R-407C HFC	50	3	200	Low Temp, Low Condensing
R-407C HFC	50	3	380/400	Low Temp, Low Condensing
R-407C HFC	60	3	208/230	Low Temp, Low Condensing
R-407C HFC	50	3	200	Low Temp, Low Condensing
R-407C HFC	50	3	380/400	Low Temp, Low Condensing
R-407C HFC	60	3	208/230	Low Temp, Low Condensing
R-407C HFC	60	3	460	Low Temp, Low Condensing
R-407C HFC	60	3	460	Low Temp, Low Condensing
R-407A HFC	60	3	460	Low Temp, Low Condensing
R-407A HFC	60	3	208/230	Low Temp, Low Condensing
R-407A HFC	60	3	460	Low Temp, Low Condensing
R-407A HFC	60	3	208/230	Low Temp, Low Condensing
R-407A HFC	50	3	380/400	Low Temp, Low Condensing
R-407A HFC	50	3	200	Low Temp, Low Condensing
R-407A HFC	50	3	380/400	Low Temp, Low Condensing
R-407A HFC	50	3	200	Low Temp, Low Condensing