

2DA3F23KE-TFC

HCFC, R-22, 60 Hz, 3 -Phase, 208/230 V
Low 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)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	18800	10200
Power (W):	3850	2920
Current (Amps):	14.80	13.20
EER (Btu/Wh):	4.90	3.50
Mass Flow (lbs/hr):	251	135
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	5.9 Max
Record Date:	2006-10-17	

Mechanical

Displacment(in ³ /Rev):	18.66
Displacment(ft ³ /hr):	1133.94
Overall Length (in):	23.25
Overall Width (in):	15.44
Overall Height (in):	17.09
Mounting Length (in):	11.63
Mounting Width (in):	11.00
Mounting Height (in):	18.13 *
Suction Size (in),Type:	1 3/8 Sweat
Discharge Size (in),Type:	7/8 Sweat
Initial Oil Charge (oz):	80
Oil Recharge (oz):	72
Net Weight (lbs):	325.0
Internal Free Volume (in ³):	
Horse Power:	4.00

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

Electrical

LRA-High*(Amp):	161.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	35.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	25.4
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	22.8
RPM:	
UL File No:	SA-2337
UL File Date:	1988-07-13

*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	208/230	3	60	High Temp
R-134a HFC	200/220	3	50	High Temp
R-404A HFC	208/230	3	60	Low Temp, Low Condensing
R-404A HFC	200/220	3	50	Low Temp, Low Condensing
R-507 HFC	208/230	3	60	Low Temp, Low Condensing
R-507 HFC	200/220	3	50	Low Temp, Low Condensing
R-22 HCFC	200/220	3	50	Low Temperature
R-502 CFC	208/230	3	60	Low Temperature
R-502 CFC	200/220	3	50	Low Temperature
R-407C HFC	208/230	3	60	Low Temp, Low Condensing

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-407C HFC	208/230	3	60	Low Temp, Low Condensing
R-407A HFC	200/220	3	50	Low Temp, Low Condensing
R-407A HFC	208/230	3	60	Low Temp, Low Condensing
R-407F HFC	200/220	3	50	Low Temp, Low Condensing
R-407F HFC	208/230	3	60	Low Temp, Low Condensing
R-448A HFO	200/220	3	50	Low Temp, Low Condensing
R-448A HFO	208/230	3	60	Low Temp, Low Condensing
R-449A HFO	200/220	3	50	Low Temp, Low Condensing
R-449A HFO	208/230	3	60	Low Temp, Low Condensing