

6DF3F11ME-TSK

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



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

Evaporator Temp. (°F)	-25	-40
Condensing Temp. (°F)	105	105
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	105	105
Capacity (Btu/hr)	105000	65000
Power (W):	20900	15800
Current (Amps):	34.60	28.90
EER (Btu/Wh):	5.00	4.10
Mass Flow (lbs/hr):	1880	1150
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:	2007-04-16	

Mechanical

Displacment(in ³ /Rev):	89.00
Displacment(ft ³ /hr):	5407.86
Overall Length (in):	29.44
Overall Width (in):	22.44
Overall Height (in):	28.84
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	29.19 *
Suction Size (in),Type:	2 1/8 Sweat
Discharge Size (in),Type:	1 3/8
Initial Oil Charge (oz):	255
Oil Recharge (oz):	245
Net Weight (lbs):	550.0
Internal Free Volume (in ³):	
Horse Power:	17.00
*Overall compressor height on Copeland Brand Product's specified mounting grommets.	

Electrical

LRA-High*(Amp):	235.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	66.9
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	47.8
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	42.9
RPM:	
UL File No:	SA-2337
UL File Date:	1971-04-07
*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-404A HFC	200	3	50	Low Temp, Low Condensing
R-404A HFC	208/230	3	60	Low Temp, Low Condensing
R-404A HFC	380/400	3	50	Low Temp, Low Condensing
R-507 HFC	200	3	50	Low Temp, Low Condensing
R-507 HFC	460	3	60	Low Temp, Low Condensing
R-507 HFC	380/400	3	50	Low Temperature
R-507 HFC	380/400	3	50	Low Temperature
R-507 HFC	208/230	3	60	Low Temperature
R-507 HFC	460	3	60	Low Temperature
R-507 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-507 HFC	380/400	3	50	Low Temp, Low Condensing
R-502 CFC	460	3	60	Low Temperature
R-502 CFC	200	3	50	Low Temperature
R-502 CFC	208/230	3	60	Low Temperature
R-502 CFC	380/400	3	50	Low Temperature
R-407C HFC	460	3	60	Low Temp, Low Condensing
R-407C HFC	200	3	50	UL Low Temp
R-407C HFC	460	3	60	UL Low Temp
R-407C HFC	208/230	3	60	Low Temp, Low Condensing
R-407C HFC	200	3	50	Low Temp, Low Condensing
R-407C HFC	208/230	3	60	Low Temp, Low Condensing
R-407C HFC	200	3	50	Low Temp, Low Condensing
R-407C HFC	200	3	50	Low Temp, Low Condensing
R-407C HFC	200	3	50	Low Temp, Low Condensing
R-407C HFC	460	3	60	Low Temp, Low Condensing
R-407C HFC	460	3	60	UL Low Temp
R-407C HFC	200	3	50	UL Low Temp
R-407A HFC	208/230	3	60	Low Temp, Low Condensing
R-407A HFC	460	3	60	Low Temp, Low Condensing
R-407A HFC	380/400	3	50	Low Temp, Low Condensing
R-407A HFC	380/400	3	50	Low Temp, Low Condensing
R-407A HFC	380/400	3	50	UL Low Temp
R-407A HFC	208/230	3	60	UL Low Temp
R-407A HFC	208/230	3	60	UL Low Temp
R-407A HFC	380/400	3	50	UL Low Temp
R-407F HFC	200	3	50	Low Temp, Low Condensing
R-407F HFC	208/230	3	60	Low Temp, Low Condensing
R-407F HFC	208/230	3	60	Low Temp, Low Condensing
R-407F HFC	200	3	50	Low Temp, Low Condensing