

3DF3R15ME-TFD

HCFC, R-22, 60Hz, 3- Phase, 460 V
 Medium Temp, Low Condensing



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	0 / 110
RG(°F)/Liq(°F)	65.0 / 120.0	50.0 / 95.0
Capacity (Btu/hr)	101000	67500
Power (Watts):	12100	9500
Current (Amps):	19.40	16.40
EER (Btu/Wh):	8.40	7.10
Mass Flow (lbs/hr):	1480	930
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	0.0 Max
Record Date:	2007-06-08	

Mechanical

Number of Cylinders:	3	Displ(in ³ /Rev):	31.49
Bore Size(in):	2.31	Displ(ft ³ /hr):	1913.20
Stroke(in):	2.50		
Overall Length (in):	26.78	Mounting Length (in):	15.00
Overall Width (in):	15.06	Mounting Width (in):	12.00
Overall Height (in):	18.03	Mounting Height (in):	19.06 *
Suction Size (in):	1 3/8 Sweat		
Discharge Size (in):	1 1/8 Sweat		
Oil Recharge (oz):	115		
Initial Oil Charge (oz):	125		
Net Weight (lbs):	385		
Internal Free Volume (in ³):	10		
Horse Power:	10		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	138.0	MCC (Amps):	33.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	26-Jul-1985
LRA Low*:		Max Operating Current:			
RLA(=MCC/1.4;use for contactor selection):		23.6			
RLA(=MCC/1.56;use for breaker & wire size selection):		21.2			
*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-22 HCFC	60	3	460	
R-502 CFC	60	3	460	
R-404A HFC	60	3	460	Medium Temp, Low Condensing
R-507 HFC	60	3	460	Medium Temp, Low Condensing
R-407C HFC	60	3	460	Air Conditioning
R-407C HFC	60	3	460	Medium Temp, Low Condensing
R-407A HFC	60	3	460	Air Conditioning
R-407A HFC	60	3	460	Medium Temp, Low Condensing
R-407F HFC	60	3	460	Medium Temp, Low Condensing
R-22 HCFC	50	3	380/420	

Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-22 HCFC	50	3	380/420	Medium Temp, Low Condensing
R-502 CFC	50	3	380/420	
R-404A HFC	50	3	380/420	Medium Temp, Low Condensing
R-507 HFC	50	3	380/420	Medium Temp, Low Condensing
R-407C HFC	50	3	380/420	
R-407C HFC	50	3	380/420	
R-407A HFC	50	3	380/420	
R-407A HFC	50	3	380/420	Medium Temp, Low Condensing
R-407F HFC	50	3	380/420	Medium Temp, Low Condensing