

# 3DT3R17ME-TFD

HCFC, R-22, 60 Hz, 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

Evaporator Temp. (°F)	20	0
Condensing Temp. (°F)	120	110
Return Gas Temp. (°F)	65	50
Liquid Temp. (°F)	120	95
Capacity (Btu/hr)	116000	77500
Power (W):	13700	10700
Current (Amps):	22.05	18.40
EER (Btu/Wh):	8.50	7.20
Mass Flow (lbs/hr):	1700	1070
<u>Sound Data @</u>		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	4.8 Max
Record Date:	2007-06-08	

## Mechanical

Displacment(in <sup>3</sup> /Rev):	35.01
Displacment(ft <sup>3</sup> /hr):	2127.41
Overall Length (in):	28.03
Overall Width (in):	15.06
Overall Height (in):	21.31
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	22.34 *
Suction Size (in),Type:	1 5/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	125
Oil Recharge (oz):	115
Net Weight (lbs):	385.0
Internal Free Volume (in <sup>3</sup> ):	
Horse Power:	10.00

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

## Electrical

LRA-High*(Amp):	138.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	40.6
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	29.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	26.0
RPM:	
UL File No:	SA-2337
UL File Date:	1985-07-26

\*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-22 HCFC	460	3	60	UL High Temp
R-22 HCFC	380/420	3	50	UL High Temp
R-22 HCFC	380/420	3	50	Medium Temp, Low Condensing