

# 3DE3R10ME-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)	73000	48100
Power (Watts):	8450	6650
Current (Amps):	13.35	11.35
EER (Btu/Wh):	8.60	7.20
Mass Flow (lbs/hr):	1060	665
Sound Power (dBA):		
Vibration (mils(peak-peak)):		3.25 Max
Record Date:	2007-06-08	

## Mechanical

Number of Cylinders:	3	Displ(in <sup>3</sup> /Rev):	22.56
Bore Size(in):	2.19	Displ(ft <sup>3</sup> /hr):	1370.78
Stroke(in):	2.00		
Overall Length (in):	27.30	Mounting Length (in):	15.00
Overall Width (in):	14.92	Mounting Width (in):	12.00
Overall Height (in):	19.18	Mounting Height (in):	20.93 *
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 <sup>3</sup> ):			
Horse Power:		6.5	
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	106.0	MCC (Amps):	28.0	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):		20			
RLA(=MCC/1.56;use for breaker & wire size selection):		17.9			
*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-22 HCFC	50	3	380/420	
R-22 HCFC	50	3	380/420	Medium Temp, Low Condensing
R-502 CFC	50	3	380/420	