

3DT3R17ME-TFC

HCFC, R-22, 60Hz, 3- Phase, 208/230 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)	116000	77500
Power (Watts):	13700	10700
Current (Amps):	44.10	36.80
EER (Btu/Wh):	8.50	7.20
Mass Flow (lbs/hr):	1700	1070
Sound Power (dBA):	0 Avg	0 Max
Vibration (mils(peak-peak)):	0.0 Avg	4.82 Max
Record Date:	2007-06-08	

Mechanical

Number of Cylinders:	3	Displ(in ³ /Rev):	35.01
Bore Size(in):	2.44	Displ(ft ³ /hr):	2127.41
Stroke(in):	2.50		
Overall Length (in):	28.03	Mounting Length (in):	15.00
Overall Width (in):	15.06	Mounting Width (in):	12.00
Overall Height (in):	21.31	Mounting Height (in):	22.34 *
Suction Size (in):	1 5/8 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):			
Horse Power:	10		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	275.0	MCC (Amps):	83.5	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):			59.6		
RLA(=MCC/1.56;use for breaker & wire size selection):			53.5		
*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	50	3	200/220	UL High Temp
R-22 HCFC	50	3	200/220	Medium Temp, Low Condensing
R-502 CFC	50	3	200/220	UL Medium Temp
R-22 HCFC	60	3	208/230	UL High Temp
R-502 CFC	60	3	208/230	UL Medium Temp