

3DE3R10ME-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)	73000	48100
Power (W):	8450	6650
Current (Amps):	13.35	11.35
EER (Btu/Wh):	8.60	7.20
Mass Flow (lbs/hr):	1060	665
Sound Data @		
Sound Power (dBA):		
Vibration mils(peak-peak):		4.8 Max
Record Date:	2007-06-08	

Mechanical

Displacment(in ³ /Rev):	22.56
Displacment(ft ³ /hr):	1370.78
Overall Length (in):	27.30
Overall Width (in):	14.92
Overall Height (in):	19.18
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	20.93 *
Suction Size (in),Type:	1 3/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	125
Oil Recharge (oz):	115
Net Weight (lbs):	341.0
Internal Free Volume (in ³):	
Horse Power:	6.50

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

Electrical

LRA-High*(Amp):	106.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	28.0
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	20.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	17.9
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	380/420	3	50	Medium Temp, Low Condensing