

## ZR48K5E-TFD

HFC, R-407C, 50Hz, 3- Phase, 380/420 V

Air Conditioning



**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)	45 / 130	50 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	70.0 / 85.0
Capacity (Btu/hr)	38300	51100
Power (Watts):	3450	2310
Current (Amps):	6.15	4.65
EER (Btu/Wh):	11.10	22.10
Mass Flow (lbs/hr):	556	630
Sound Power (dBA):	70 Avg	75 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2010-11-16	

### Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	3.87
Bore Size(in):	0.00	Displ(ft^3/hr):	389.18
Stroke(in):	0.00		
Overall Length (in):	9.69	Mounting Length (in):	7.50
Overall Width (in):	9.69	Mounting Width (in):	7.50
Overall Height (in):	16.94	Mounting Height (in):	17.17 *
Suction Size (in):	7/8 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	34		
Initial Oil Charge (oz):	42		
Net Weight (lbs):	64		
Internal Free Volume (in^3):	211.3		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

### Electrical

LRA-High*:	60.0	MCC (Amps):	11.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	2900	UL File Date:	
LRA Low*:	53.0	Max Operating Current:	9.0		
RLA(=MCC/1.4;use for contactor selection):		7.9			
RLA(=MCC/1.56;use for breaker & wire size selection):		7.1			
*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	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning