

## ZR24K3E-TFD



HFC, R-407C, Dew Point, 50 Hz, 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	45/100
RG(°F)/Liq(°F)	65/115	65/85
Capacity (Btu/hr):	19400	23700
Power (Watts):	1920	1240
Current (Amps):	3.7	2.7
EER (Btu/Wh):	10.1	19.1
Mass Flow (lbs/hr):	282.0	294.0
Sound Power(dBA):	65 Ave	70 Max
Vibration (mils(peak-peak)):	2.0 Ave	3.0 Max
Record Date:	2005-04-15	

### Mechanical

Number of Cylinders:	0	Displ (in <sup>3</sup> /Rev):	2.076
Bore Size (in):	0.0	Displ (ft <sup>3</sup> /hr):	209.0407
Stroke (in):	0.0		
Overall Length (in):	9.567	Mounting Length (in):	7.5
Overall Width (in):	9.567	Mounting Width(in):	7.5
Overall Height (in):	14.84	Mounting Height (in):	15.076*
Suction Size (in):	3/4	Stub	
Discharge Size (in):	1/2	Stub	
Initial Oil Charge (oz):	38		
Oil Recharge (oz):	34		
Net Weight (lbs):	55.0		
Internal Free Volume (in <sup>3</sup> ):	175.0		
HorsePower	2.0		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

### Electrical

LRA-High*:	26.0	MCC (Amps):	6.0	UL File No.:	
LRA-Half Winding:		RPM:	2900	UL File Date:	14-Jun-1994
LRA-Low*:	24.5	Max Operating Current:	4.5	CSA File No.:	
RLA(=MCC/1.4; use for contactor selection): 4.3					
RLA (=MCC/1.56; use for breaker & wire size selection): 3.8					
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

### Alternate Applications

Refrigerant	Frequency(Hz)	Phase	Voltage	Application
R-407C HFC	60	3	460	Air Conditioning

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