

# ZR32K5E-TFD

HCFC, R-22, 60 Hz, 3- Phase, 460 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

<u>Evap(°F)/Cond(°F)</u>	<u>45 / 130</u>	<u>50 / 100</u>
<u>RG(°F)/Liq(°F)</u>	<u>65.0 / 115.0</u>	<u>70.0 / 85.0</u>
Capacity (Btu/hr)	32600	42600
Power (W):	2910	2020
Current (Amps):	4.35	3.35
EER (Btu/Wh):	11.20	21.10
Mass Flow (lbs/hr):	477	545
Sound Power (dBA):	68 Avg	73 Max
Vibration mils(peak-)	2.0 Avg	3.0 Max
Record Date:	2015-10-12	

## Mechanical

Number of Cylinders:	0	Displacement(in <sup>3</sup> /Rev):	2.69
Bore Size(in):	0.00	Displacement(ft <sup>3</sup> /hr):	326.91
Stroke(in):	0.00		
Overall Length (in):	9.50	Mounting Length (in):	7.50
Overall Width (in):	9.50	Mounting Width (in):	7.50
Overall Height (in):	15.86	Mounting Height (in):	16.08 *
Suction Size (in),Type:	3/4 Stub		
Discharge Size (in),Type:	1/2 Stub		
Oil Recharge (oz):	19		
Initial Oil Charge (oz):	25		
Net Weight (lbs):	49		
Internal Free Volume (in <sup>3</sup> ):	118.0		
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*(Amp):	38.0	MCC (Amps):	9.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	19-Nov-2009
LRA Low* (Amp):		Max Operating Current	6.0		
RLA, MCC/1.4;use for contactor selection (Amp):	6.4				
RLA, MCC/1.56;use for breaker & wire size selection	5.8				
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

## Alternate Applications

<u>Refrigerant</u>	<u>Freq (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-22 HCFC	50	3	380/420	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning