

# ZR38K5E-TF5

HCFC, R-22, 60 Hz, 3- Phase, 200/230 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)	38000	49400
Power (W):	3400	2300
Current (Amps):	10.35	8.00
EER (Btu/Wh):	11.20	21.40
Mass Flow (lbs/hr):	556	632
Sound Power (dBA):	73 Avg	78 Max
Vibration mils(peak- Record Date:	2.0 Avg 2015-10-13	3.0 Max

## Mechanical

Number of Cylinders:	0	Displacment(in <sup>3</sup> /Rev):	3.11
Bore Size(in):	0.00	Displacment(ft <sup>3</sup> /hr):	377.71
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):	19.94	Mounting Height (in):	17.17 *
Suction Size (in),Type:		7/8 Stub	
Discharge Size (in),Type:		1/2 Stub	
Oil Recharge (oz):		34	
Initial Oil Charge (oz):		42	
Net Weight (lbs):		60	
Internal Free Volume (in <sup>3</sup> ):		226.0	
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*(Amp):	93.0	MCC (Amps):	19.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	
LRA Low* (Amp):		Max Operating Current	14.0		
RLA, MCC/1.4;use for contactor selection (Amp):		13.6			
RLA, MCC/1.56;use for breaker & wire size selection		12.2			
*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	200/220	Air Conditioning
R-407C HFC	50	3	200/220	Air Conditioning
R-407C HFC	60	3	200/230	Air Conditioning