

# ZR28K5E-TF5

HCFC, R-22, 60Hz, 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

Evap(°F)/Cond(°F)	45 / 130	50 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	70.0 / 85.0
Capacity (Btu/hr)	28400	36900
Power (Watts):	2590	1755
Current (Amps):	8.00	6.25
EER (Btu/Wh):	11.00	21.00
Mass Flow (lbs/hr):	417	472
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak-peak)):	2.0 Avg	3.0 Max
Record Date:	2014-03-06	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	2.36
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	286.93
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):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Oil Recharge (oz):	19		
Initial Oil Charge (oz):	25		
Net Weight (lbs):	49.6		
Internal Free Volume (in <sup>3</sup> ):	118.0		
Horse Power:	2.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	73.0	MCC (Amps):	15.5	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	
LRA Low*:		Max Operating Current:	11.0		
RLA(=MCC/1.4;use for contactor selection):	11.1				
RLA(=MCC/1.56;use for breaker & wire size selection):	9.9				
*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-407C HFC	50	3	200/220	Air Conditioning
R-22 HCFC	50	3	200/220	Air Conditioning
R-407C HFC	60	3	200/230	Air Conditioning