

ZR28K5-TFD

HCFC, R-22, 60Hz, 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

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	1750
Current (Amps):	4.15	3.30
EER (Btu/Wh):	11.00	21.10
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:	2010-11-16	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	2.36
Bore Size(in):	0.00	Displ(ft ³ /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):	50.3		
Internal Free Volume (in ³):	118.0		
Horse Power:	2.5		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	38.0	MCC (Amps):	8.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	
LRA Low*:		Max Operating Current:	5.5		
RLA(=MCC/1.4;use for contactor selection):	5.7				
RLA(=MCC/1.56;use for breaker & wire size selection):	5.1				
*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