

ZR30KS-PFZ



HCFC, R-22, Mid Point, 50 Hz, 1 - Phase, 220/240 V
Air Conditioning

Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evap(°F)/Cond(°F)	45/130	45/117
RG(°F)/Liq(°F)	65/115	65/102
Capacity (Btu/hr):	25000	27100
Power (Watts):	2230	1920
Current (Amps):	10.2	8.8
EER (Btu/Wh):	11.2	14.1
Mass Flow (lbs/hr):	367.0	374.0
Sound Power(dBA):	68 Ave	73 Max
Vibration (mils(peak-peak)):	2.5 Ave	3.5 Max
Record Date:	2006-12-21	

Mechanical

Number of Cylinders:	0	Displ (in ³ /Rev):	2.5
Bore Size (in):	0.0	Displ (ft ³ /hr):	251.735
Stroke (in):	0.0		
Overall Length (in):	9.3	Mounting Length (in):	7.5
Overall Width (in):	9.3	Mounting Width(in):	7.5
Overall Height (in):	15.78	Mounting Height (in):	16.0*
Suction Size (in):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Initial Oil Charge (oz):	25		
Oil Recharge (oz):	19		
Net Weight (lbs):	48.8		
Internal Free Volume (in ³):			
HorsePower	2.5		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	60.0	MCC (Amps):	17.0	UL File No.:
LRA-Half Winding:		RPM:	2900	UL File Date:
LRA-Low*:		Max Operating Current:	14.0	CSA File No.:
RLA(=MCC/1.4; use for contactor selection):	12.1			
RLA (=MCC/1.56; use for breaker & wire size selection):	10.9			
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.				

Alternate Applications

<u>Refrigerant</u>	<u>Frequency(Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>