

ZR30K3E-PFJ

HFC, R-407C, Dew Point, 50 Hz, 1 - Phase, 220/240 V
Air Conditioning

Performance

<u>Evap(°F)/Cond(°F)</u>	<u>45/130</u>	<u>45/100</u>
<u>RG(°F)/Liq(°F)</u>	<u>65/115</u>	<u>65/85</u>
Capacity (Btu/hr):	24300	29600
Power (Watts):	2330	1570
Current (Amps):	8.9	6.1
EER (Btu/Wh):	10.4	18.9
Mass Flow (lbs/hr):	353.0	367.0
Sound Power(dBA):	65 Ave	70 Max
Vibration (mils(peak-peak)):	2.0 Ave	3.0 Max
Record Date:	2004-01-30	

Mechanical

Number of Cylinders:	0	Displ (in ³ /Rev):	2.563
Bore Size (in):	0.0	Displ (ft ³ /hr):	258.0787
Stroke (in):	0.0		
Overall Length (in):	9.567	Mounting Length (in):	7.5
Overall Width (in):	9.567	Mounting Width(in):	7.5
Overall Height (in):	15.729	Mounting Height (in):	15.965*
Suction Size (in):	3/4 Stub		
Discharge Size (in):	1/2 Stub		
Initial Oil Charge (oz):	42		
Oil Recharge (oz):	38		
Net Weight (lbs):	62.0		
Internal Free Volume (in ³):			
HorsePower	2.5		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	74.0	MCC (Amps):	20.0	UL File No.:	
LRA-Half Winding:		RPM:	2900	UL File Date:	14-Jun-1994
LRA-Low*:	68.0	Max Operating Current:	14.7	CSA File No.:	
RLA(=MCC/1.4; use for contactor selection): 14.3					
RLA(=MCC/1.56; use for breaker & wire size selection): 12.8					
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.					

Alternate Applications

<u>Refrigerant</u>	<u>Frequency(Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-407C HFC	60	1	265	Air Conditioning