

ZR36K3E-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):	28800	35100
Power (Watts):	2740	1840
Current (Amps):	13.1	9.2
EER (Btu/Wh):	10.5	19.0
Mass Flow (lbs/hr):	419.0	436.0
Sound Power(dBA):	68 Ave	73 Max
Vibration (mils(peak-peak)):	2.0 Ave	3.0 Max
Record Date:	2005-04-15	

Mechanical

Number of Cylinders:	0	Displ (in ³ /Rev):	3.02
Bore Size (in):	0.0	Displ (ft ³ /hr):	304.0958
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):	65.0		
Internal Free Volume (in ³):	161.0		
HorsePower	3.0		
* Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	82.0	MCC (Amps):	23.0	UL File No.:	
LRA-Half Winding:		RPM:	2900	UL File Date:	14-Jun-1994
LRA-Low*:	75.0	Max Operating Current:	19.3	CSA File No.:	
RLA(=MCC/1.4; use for contactor selection): 16.4					
RLA(=MCC/1.56; use for breaker & wire size selection): 14.7					
*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