

ZW34KA-TFP

HCFC, R-22, 50Hz, 3- Phase, 380 V
Heat Pump, Expanded



Production Status: Preliminary data only - Contact your Emerson Climate Technologies Representative.

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)	36700	39400
Power (Watts):	2580	1900
Current (Amps):	4.50	3.60
EER (Btu/Wh):	14.20	20.80
Mass Flow (lbs/hr):	411	427
Sound Power (dBA):	68 Avg	73 Max
Vibration (mils(peak- Record Date: 2011-11-01	2.0 Avg	3.0 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	2.82
Bore Size(in):	0.00	Displ(ft ³ /hr):	283.55
Stroke(in):	0.00		
Overall Length (in):	8.60	Mounting Length (in):	5.20
Overall Width (in):	7.80	Mounting Width (in):	6.00
Overall Height (in):	15.33	Mounting Height (in):	16.08 *
Suction Size (in):		3/4 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		21	
Initial Oil Charge (oz):		25	
Net Weight (lbs):		49	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	31.6	MCC (Amps):	8.9	UL File No:
LRA-Half Winding:		RPM:	0	UL File Date:
LRA Low*:		Max Operating Current:	7.0	
RLA(=MCC/1.4;use for contactor selection):		6.4		
RLA(=MCC/1.56;use for breaker & wire size		5.7		
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.				

Alternate Applications

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