

ZW61KAE-TFP

HFC, R-407C, 50Hz, 3- Phase, 380 V
Heat Pump, Expanded



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

Performance

Evap(°F)/Cond(°F)	<u>45 / 130</u>	<u>45 / 100</u>
RG(°F)/Liq(°F)	<u>65 / 115</u>	<u>65 / 85</u>
Capacity (Btu/hr)	64000	68500
Power (Watts):	4630	3340
Current (Amps):	8.10	6.30
EER (Btu/Wh):	13.80	20.50
Mass Flow (lbs/hr):	705	735
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak- Record Date: 2011-11-01	2.5 Avg	3.5 Max

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.04
Bore Size(in):	0.00	Displ(ft ³ /hr):	507.50
Stroke(in):	0.00		
Overall Length (in):	9.52	Mounting Length (in):	7.50
Overall Width (in):	9.52	Mounting Width (in):	7.50
Overall Height (in):	16.95	Mounting Height (in):	17.18 *
Suction Size (in):		7/8 Stub	
Discharge Size (in):		1/2 Stub	
Oil Recharge (oz):		49	
Initial Oil Charge (oz):		53	
Net Weight (lbs):		66	
Internal Free Volume (in ³):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	59.0	MCC (Amps):	14.3	UL File No:
LRA-Half Winding:		RPM:	0	UL File Date:
LRA Low*:		Max Operating Current:	12.6	
RLA(=MCC/1.4;use for contactor selection):		10.2		
RLA(=MCC/1.56;use for breaker & wire size		9.2		
*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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