

ZW61KA-TF7

HCFC, R-22, 60Hz, 3- Phase, 380 V
Heat Pump, Expanded



Production Status: Available for sale to all U.S. customers. Please check with your local Emerson Climate Technologies Representative for international availability.

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)	79500	85000
Power (Watts):	5650	4050
Current (Amps):	9.60	7.50
EER (Btu/Wh):	14.00	21.00
Mass Flow (lbs/hr):	885	920
Sound Power (dBA):	76 Avg	81 Max
Vibration (mils(peak-)	2.5 Avg	3.5 Max
Record Date:	2012-11-12	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	5.04
Bore Size(in):	0.00	Displ(ft ³ /hr):	612.50
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):		42	
Initial Oil Charge (oz):		46	
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*:	65.6	MCC (Amps):	17.3	UL File No:
LRA-Half Winding:		RPM:	0	UL File Date:
LRA Low*:		Max Operating Current:	14.4	
RLA(=MCC/1.4;use for contactor selection):		12.4		
RLA(=MCC/1.56;use for breaker & wire size)		11.1		
*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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