

# ZR310KC-TWD

HCFC, R-22, 50 Hz, 3 - Phase, 380/420 V  
Air Conditioning



Production Status: Restricted sale - Contact your Copeland 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):	253000	298000
Power (Watts):	22000	15900
Current (Amps):	37.9	30.1
EER (Btu/Wh):	11.5	18.8
Mass Flow (lbs/hr):	3710	3840
Sound Power (dBA):	85.0 Ave	90.0 Max
Vibration (mils(peak-peak)):	2.5 Ave	3.5 Max

## Mechanical

Number of Cylinders:	0	CIR (in <sup>3</sup> /Rev):	25.05
Bore Size (in):	0.0	CFH (ft <sup>3</sup> /hr):	2522.384
Stroke(in):	0.0		
Overall Length (in):	17.6	Mounting Length (in):	10.5
Overall Width (in):	15.37	Mounting Width (in):	10.5
Overall Height (in):	28.5	Mounting Height (in):	28.9
Suction Size (in):		1 5/8 Stub	
Discharge Size (in):		1 3/8 Stub	
Initial Oil Charge (oz):		213	
Oil Recharge (oz):		200	
Net Weight (lbs):		354.0	

## Electrical

RLA:	41.4	MCC (Amps):	58.0	UL File No.:	SA2337
LRA-Low:		RPM:	2900	UL File Date:	28-Nov-2000
LRA-High:	272.0	Max Operating Current:	50.0	CSA File No.:	LR 3104C
LRA-Half Winding:					

## Alternate Applications

<u>Refrigerant</u>	<u>Frequency (Hz)</u>	<u>Phase</u>	<u>Voltage</u>	<u>Application</u>
R-22 HCFC	60	3	460	Air Conditioning