

# ZRT500KC-TWD

# Tandem



HCFC, R-22, 60Hz, 3- Phase, 460 V

Air Conditioning

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

## Performance

Evap(°F)/Cond(°F)	45 / 130	45 / 100
RG(°F)/Liq(°F)	65.0 / 115.0	65.0 / 85.0
Capacity (Btu/hr)	482000	561000
Power (Watts):	43500	32100
Current (Amps):	61.20	47.30
EER (Btu/Wh):	11.10	17.50
Mass Flow (lbs/hr):	7050	7250
Sound Power (dBA):	91 Avg	96 Max
Vibration (mils(peak-peak)):	3.5 Avg	5.0 Max
Record Date:	2006-01-19	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	39.68
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	4821.99
Stroke(in):	0.00		
Overall Length (in):	41.40	Mounting Length (in):	10.50
Overall Width (in):	21.60	Mounting Width (in):	10.50
Overall Height (in):	29.50	Mounting Height (in):	29.76 *
Suction Size (in):	2 5/8 Stub		
Discharge Size (in):	1 5/8 Stub		
Oil Recharge (oz):	296		
Initial Oil Charge (oz):	316		
Net Weight (lbs):	658.8		
Internal Free Volume (in <sup>3</sup> ):			
Horse Power:			
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

## Electrical

LRA-High*:	MCC (Amps):	UL File No:
LRA-Half Winding:	RPM:	3500
LRA Low*:	Max Operating Current:	null
RLA(=MCC/1.4;use for contactor selection):	1	UL File Date:
RLA(=MCC/1.56;use for breaker & wire size selection):	null	28-Jun-1996
*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.		

## Alternate Applications

Refrigerant	Freq (Hz)	Phase	Voltage	Application
R-22 HCFC	50	3	380/420	Air Conditioning