

# ZRT320KCE-TWD

# Tandem



HFC, R-407C, 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)	307000	362000
Power (Watts):	27700	20400
Current (Amps):	41.40	32.70
EER (Btu/Wh):	11.00	17.80
Mass Flow (lbs/hr):	4470	4500
Sound Power (dBA):	86 Avg	91 Max
Vibration (mils(peak-peak)):	3.0 Avg	4.5 Max
Record Date:	2007-08-08	

## Mechanical

Number of Cylinders:	0	Displ(in <sup>3</sup> /Rev):	25.52
Bore Size(in):	0.00	Displ(ft <sup>3</sup> /hr):	3101.39
Stroke(in):	0.00		
Overall Length (in):	25.00	Mounting Length (in):	19.75
Overall Width (in):	12.30	Mounting Width (in):	10.00
Overall Height (in):	23.50	Mounting Height (in):	23.80 *
Suction Size (in):	1 5/8 Stub		
Discharge Size (in):	1 3/8 Stub		
Oil Recharge (oz):	212		
Initial Oil Charge (oz):	220		
Net Weight (lbs):	286		
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	UL File Date:	28-Jun-1996
LRA Low*:	Max Operating Current:	null		
RLA(=MCC/1.4;use for contactor selection):	1			
RLA(=MCC/1.56;use for breaker & wire size selection):	null			
*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-134a HFC	50	3	380/420	Air Conditioning
R-407C HFC	50	3	380/420	
R-134a HFC	60	3	460	