

ZRT380KCE-TE5

Tandem



HFC, R-134a, 60 Hz, 3 -Phase, 200/230 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

Evaporator Temp. (°F)	45	45
Condensing Temp. (°F)	130	100
Return Gas Temp. (°F)	65	65
Liquid Temp. (°F)	115	85
Capacity (Btu/hr)	253000	298000
Power (W):	22600	16700
Current (Amps):	85.40	70.30
EER (Btu/Wh):	11.20	17.90
Mass Flow (lbs/hr):	4030	4050
<u>Sound Data @</u>		
Sound Power (dBA):	86 Avg	91 Max
Vibration mils(peak-peak):	4.0 Avg	6.0 Max
Record Date:	2016-03-11	

Mechanical

Displacment(in ³ /Rev):	30.40
Displacment(ft ³ /hr):	3694.94
Overall Length (in):	25.00
Overall Width (in):	12.30
Overall Height (in):	23.50
Mounting Length (in):	10.00
Mounting Width (in):	23.80
Mounting Height (in):	19.75 *
Suction Size (in),Type:	1 5/8 Stub
Discharge Size (in),Type:	1 3/8 Stub
Initial Oil Charge (oz):	220
Oil Recharge (oz):	212
Net Weight (lbs):	292.0
Internal Free Volume (in ³):	
Horse Power:	

*Overall compressor height on Copeland Brand Product's specified mounting grommets.

Electrical

LRA-High*(Amp):	
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	
RPM:	3500
UL File No:	
UL File Date:	1996-06-28

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Alternate Applications

<u>Refrigerant</u>	<u>Voltage</u>	<u>Phase</u>	<u>Freq (Hz)</u>	<u>Application</u>
R-134a HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/220	3	50	Air Conditioning
R-407C HFC	200/230	3	60	Air Conditioning