

ZR160KC-TFD

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



Production Status: Non U.S. model with restricted sales - Contact your Emerson Climate Technologies Representative.

Performance

Evaporator Temp. (°F)	45	35
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)	65	55
Liquid Temp. (°F)	115	105
Capacity (Btu/hr)	130000	114000
Power (W):	11300	9950
Current (Amps):	20.30	18.40
EER (Btu/Wh):	11.50	11.50
Mass Flow (lbs/hr):	1900	1600
<u>Sound Data @</u>		
Sound Power (dBA):	79 Avg	84 Max
Vibration mils(peak-peak):	3.0 Avg	4.5 Max
Record Date:	2018-02-08	

Mechanical

Displacment(in ³ /Rev):	12.76
Displacment(ft ³ /hr):	1284.86
Overall Length (in):	10.38
Overall Width (in):	11.23
Overall Height (in):	21.72
Mounting Length (in):	7.50
Mounting Width (in):	7.50
Mounting Height (in):	23.03 *
Suction Size (in),Type:	1 3/8 Stub
Discharge Size (in),Type:	7/8 Stub
Initial Oil Charge (oz):	110
Oil Recharge (oz):	106
Net Weight (lbs):	143.0
Internal Free Volume (in ³):	856.0
Horse Power:	

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

Electrical

LRA-High*(Amp):	140.0
LRA Low* (Amp):	133.0
LRA-Half Winding (Amp):	
MCC (Amps):	35.0
Max Operating Current(Amp):	27.1
RLA, MCC/1.4;use for contactor selection (Amp):	25.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	22.4
RPM:	2900
Box IP	21
UL File No:	SA-2337
UL File Date:	1996-09-27

*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-22 HCFC	460	3	60	Air Conditioning