

ZR190KC-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)	155000	135000
Power (W):	13600	12000
Current (Amps):	25.60	23.50
EER (Btu/Wh):	11.40	11.20
Mass Flow (lbs/hr):	2260	1910
<u>Sound Data @</u>		
Sound Power (dBA):	82 Avg	87 Max
Vibration mils(peak-peak):	4.0 Avg	5.5 Max
Record Date:	2007-09-12	

Mechanical

Displacment(in ³ /Rev):	15.20
Displacment(ft ³ /hr):	1530.75
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):	146.0
Internal Free Volume (in ³):	856.0
Horse Power:	

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

Electrical

LRA-High*(Amp):	174.0
LRA Low* (Amp):	157.0
LRA-Half Winding (Amp):	
MCC (Amps):	42.0
Max Operating Current(Amp):	33.0
RLA, MCC/1.4;use for contactor selection (Amp):	30.0
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	26.9
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