

ZR250KC-TWD

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)	250000	291000
Power (Watts):	21700	16100
Current (Amps):	30.50	23.60
EER (Btu/Wh):	11.50	18.10
Mass Flow (lbs/hr):	3660	3740
Sound Power (dBA):	88 Avg	93 Max
Vibration (mils(peak-peak)):	3.5 Avg	5.0 Max
Record Date:	2005-06-28	

Mechanical

Number of Cylinders:	0	Displ(in ³ /Rev):	19.84
Bore Size(in):	0.00	Displ(ft ³ /hr):	2410.99
Stroke(in):	0.00		
Overall Length (in):	16.80	Mounting Length (in):	10.50
Overall Width (in):	14.80	Mounting Width (in):	10.50
Overall Height (in):	28.60	Mounting Height (in):	29.00 *
Suction Size (in):	1 5/8 Stub		
Discharge Size (in):	1 3/8 Stub		
Oil Recharge (oz):	148		
Initial Oil Charge (oz):	158		
Net Weight (lbs):	307		
Internal Free Volume (in ³):	1503.0		
Horse Power:	20		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*:	225.0	MCC (Amps):	47.0	UL File No:	SA-2337
LRA-Half Winding:		RPM:	3500	UL File Date:	28-Nov-2000
LRA Low*:		Max Operating Current:	39.0		
RLA(=MCC/1.4;use for contactor selection):	33.6				
RLA(=MCC/1.56;use for breaker & wire size selection):	30.1				
*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