

ZR250KCE-TED

HCFC, R-22, 60 Hz, 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	35 / 120
RG(°F)/Liq(°F)	65.0 / 115.0	55.0 / 105.0
Capacity (Btu/hr)	250000	217000
Power (W):	21700	19200
Current (Amps):	30.60	27.50
EER (Btu/Wh):	11.50	11.30
Mass Flow (lbs/hr):	3660	3070
Sound Power (dBA):	88 Avg	93 Max
Vibration mils(peak-)	3.5 Avg	5.0 Max
Record Date:	2017-03-23	

Mechanical

Number of Cylinders:	0	Displacment(in ³ /Rev):	19.84
Bore Size(in):	0.00	Displacment(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),Type:	1 5/8 Stub		
Discharge Size (in),Type:	1 3/8 Stub		
Oil Recharge (oz):	148		
Initial Oil Charge (oz):	158		
Net Weight (lbs):	307		
Internal Free Volume (in ³):			
Horse Power:	20		
*Overall compressor height on Copeland Brand Product's specified mounting grommets.			

Electrical

LRA-High*(Amp):	225.0	MCC (Amps):	47.0	UL File No:	SA-2337
LRA-Half Winding		RPM:	3500	UL File Date:	28-Nov-2000
LRA Low* (Amp):		Max Operating Current	41.0		
RLA, MCC/1.4;use for contactor selection (Amp):	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-134a HFC	60	3	460	Air Conditioning
R-134a HFC	50	3	380/420	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning