

ZR250KCE-TED

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 / 115	65 / 85
Capacity (Btu/hr)	250000	291000
Power (Watts):	21700	16100
Current (Amps):	30.60	23.70
EER (Btu/Wh):	11.50	18.10
Mass Flow (lbs/hr):	3660	3740
Sound Power (dBA):	88 Avg	93 Max
Vibration (mils(peak- Record Date:	3.5 Avg 2014-03-20	5.0 Max

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):				
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:		UL File Date:	28-Nov-2000
LRA Low*:		Max Operating Current:	41.0		
RLA(=MCC/1.4;use for contactor selection):		33.6			
RLA(=MCC/1.56;use for breaker & wire size		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	50	3	380/420	Air Conditioning
R-134a HFC	60	3	460	Air Conditioning
R-407C HFC	50	3	380/420	Air Conditioning
R-22 HCFC	50	3	380/420	Air Conditioning
R-407C HFC	60	3	460	Air Conditioning

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Accessories

<u>PartNumber</u>	<u>Description</u>
018-0068-00	Crankcase Heater, 240V, 120 W, 28" Lead Length
018-0068-01	Crankcase Heater, 480V, 120 W, 28" Lead Length
018-0068-02	Crankcase Heater, 120V, 120 W, 28" Lead Length
018-0068-03	Crankcase Heater, 575V, 120 W, 28" Lead Length
527-0175-02	Mounting Kit (Standard With Every Compressor Shipment)
527-0178-00	Mounting Kit, Tandem Assembly (Standard With Every Tandem Shipment)
934-0002-00	Fitting Adapter Kit, Discharge, 1-3/4" X 12UN Rotalock to 1-3/8" ID Stub Tube
934-0002-01	Fitting Adapter Kit, Suction, 2-1/4" X 12UN Rotalock to 1-5/8" ID Stub Tube
934-0002-04	Fitting Adapter Kit, Discharge & Suction
962-0001-03	Crankcase heater junction box.
974-0001-00	Tandem discharge clamp kit.
998-0510-46	Kit: Service Valve, Includes Service Valve and Seal, Rotalock, 1 3/8" Sweat
998-0510-68	Service Valve, Suction (510-0402-00)