ZRT122K3-TFD Tandem Compressor

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)	121000	143000
Power (Watts):	10600	7280
Current (Amps):	15.40	11.50
EER (Btu/Wh):	11.40	19.60
Mass Flow (lbs/hr):	1770	1840
Sound Power (dBA):	77 Avg	82 Max
Vibration (mils(peak-	2.0 Avg	3.0 Max
Record Date:	1995-05-23	

Mechanical

Number of Cylinders:	0	Displ(in^3/Rev):	10.06
Bore Size(in):	0.00	Displ(ft^3/hr):	1222.57
Stroke(in):	0.00		
Overall Length (in):	24.65	Mounting Length (in):	21.50
Overall Width (in):	11.69	Mounting Width (in):	7.50
Overall Height (in):	18.80	Mounting Height (in):	19.12 *

Suction Size (in):	1 1/8 Stub
Discharge Size (in):	3/4 Stub
Oil Recharge (oz):	106
Initial Oil Charge (oz):	114
Net Weight (lbs):	223
Internal Free Volume (in^3):	430.0
Horse Power:	

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

Electrical

LRA-High*:	MCC (Amps):	UL File No:	SA-2337
LRA-Half Winding:	RPM:	UL File Date:	26-Jul-1993
LRA Low*:	Max Operating Current:	null	
RLA(=MCC/1.4;use for contactor selection):	1		
RLA(=MCC/1.56;use for breaker & wire size	null		

*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	A/C, Half of Even Tandem
R-22 HCFC	60	3	460	A/C, Half of Even Tandem
R-22 HCFC	50	3	380/420	Air Conditioning

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