

4RL1-150A-TSK

CFC, R-502, 60 Hz, 3 - Phase, 460 V ,[Also Available with Variable Frequency Drives](#)

Low Temperature

Production Status: This compressor and/or application of this compressor is not available to U.S. OEM customers. A field replacement is currently available through a U.S. Copeland Wholesaler. Please check with your local Copeland Representative for international availability.

Summary

Performance		
Evaporator Temp. (°F)	-25.00	-40
Condensing Temp. (°F)	105.00	105
Return Gas Temp. (°F)	65.00	65
Liquid Temp. (°F)	105.00	105
Capacity (BTU/hr)	53500	34800
Power (W):	11300	8800
Current (Amps):	20.4	17
EER(BTU/Wh):	4.7	4
Mass Flow (lbs/hr):	1050	680
Sound Data @		
Sound Power (dBA):	Avg	Max
Vibration mils(peak-peak):		
Record Date:	2007-01-11	
Mechanical		
Displacement (in^3/Rev):	49.66	
Displacement (ft^3/Hr):		
Overall Length (in):	27.00	
Overall Width (in):	19.70	
Overall Height (in):	23.30	
Mounting Length (in):	15.00	
Mounting Width (in):	12.00	

Mounting Height (in):	24.50
Suction Size (in),Type:	1 5 / 8 Sweat
Discharge Size (in),Type:	1 1 / 8 Sweat
Initial Oil Charge (oz):	135
Oil Recharge (oz):	125
Oil Type:	ABO
Net Weight (lbs):	455.0

Internal Free Volume (in^3):

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

Electrical

LRA High* (Amps):	139.0
LRA Low*(Amps):	
LRA Half Winding (Amps):	
MCC (Amps):	43.9
Max Operating Current (Amps):	
RLA, MCC/1.4(use for contactor selection)(Amps):	31.4
RLA, MCC/1.56(use for breaker & wire size selection)(Amps):	28.1
RPM:	1750
Box IP :	
UL File No:	SA-2337
UL File Date:	1971-04-07

*Low and High refer to the low and high nominal voltage ranges for which the motor is approved.

Capacitors

Type	Part No	Low MFD	High MFD	Volts	User Description
No data available in table					

Alternate Applications

Refrigerant	Voltage	Phase	Frequency	Application
R-502 CFC	208/230	3	60	Low Temperature

Nomenclature

