

9RS1-150A-TFD

HCFC, R-22, 60 Hz, 3 -Phase, 460 V
UL High Temp



Production Status:

Performance

Evaporator Temp. (°F)	45	20
Condensing Temp. (°F)	130	120
Return Gas Temp. (°F)		
Liquid Temp. (°F)		
Capacity (Btu/hr)	157250	95500
Power (W):	16100	12600
Current (Amps):		
EER (Btu/Wh):	9.77	7.58
Mass Flow (lbs/hr):		
Sound Data @		
Sound Power (dBA):	0 Avg	0 Max
Vibration mils(peak-peak):	0.0 Avg	0.0 Max
Record Date:		

Mechanical

Displacment(in ³ /Rev):	35.01
Displacment(ft ³ /hr):	2127.41
Overall Length (in):	27.84
Overall Width (in):	15.06
Overall Height (in):	17.65
Mounting Length (in):	15.00
Mounting Width (in):	12.00
Mounting Height (in):	18.63 *
Suction Size (in),Type:	1 5/8 Sweat
Discharge Size (in),Type:	1 1/8 Sweat
Initial Oil Charge (oz):	115
Oil Recharge (oz):	105
Net Weight (lbs):	328.0
Internal Free Volume (in ³):	
Horse Power:	

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

Electrical

LRA-High*(Amp):	144.0
LRA Low* (Amp):	
LRA-Half Winding (Amp):	
MCC (Amps):	39.9
Max Operating Current(Amp):	
RLA, MCC/1.4;use for contactor selection (Amp):	28.5
RLA, MCC/1.56;use for breaker & wire size selection (Amp):	25.6
RPM:	
UL File No:	SA-2337
UL File Date:	1972-04-26

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

Capacitors

Alternate Applications

Refrigerant	Voltage	Phase	Freq (Hz)	Application
R-22 HCFC	380/420	3	50	High Temp
R-502 CFC	380/420	3	50	Medium Temperature