



Engineering Data SRC-150

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)	150	
Air Pressure Drop (psi)	1,80	
Air Temperature at Dryer Outlet (°F)	81,1	
Total adsorbed Power (kW)	1,44	
Condenser Heat Rejected (kW)	3,43	
REFERENCE DATA		
Working Pressure (psi g)	100	
Inlet Air Temperature (°F)	100	
Ambient Temperature (°F)	100	
Relative Humidity (%)	100	
GENERAL DATA		
Condenser Airflow (cfm) / number of fans	1471 / 1	
Maximum Operating Pressure (psi g)	203	
Refrigerant Type	R407C	
Fridge Compressor Type / n°	Hermetic Rotary / 1	
Refrigerant Quantity (lb)	1,76	
Capacity Control	Cycling	
Expansion System	Capillary Tube	
Air-to-Air Heat Exchanger	Aluminium plate fins	
Air-to-Glycol Heat Exchanger	Aluminium plate fins	
Glycol-to-Refrigerant Heat Exchanger	Copper Tube in Tube	
Number of Heat Exchangers	1	
Separator Type	Demister	
Drain Type	Timed Drain	
PIPING CONNECTIONS		
Air Inlet / Outlet	1½" NPT - F	
Condensate Drain Inlet	½" NPT - F	
Condensate Drain Outlet*	3/8" BSP-F with adaptor 3/8" NPT-F	
DIMENSIONS + WEIGHT		
Width (inch)	28,5	
Height (inch)	42,5	
Depth (inch)	32,5	
Weight (lb)	322	
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	115V/1ph/60Hz	230V/1ph/60Hz
Dryer F.L.A. Current (Amp)	15.26	7.16
Compressor L.R.A. Current (Amp)	64,5	30
MIN Circuit Ampacity (Amp)	19,5	9
Total Installed Power (kW)	1,91	1,83
Control Type	Electronic	
Electrical Protection Class (Std.)	IP44	

PERFORMANCE IN ACCORDANCE WITH ANSI/CAGI ADF100-1998
Sound pressure level lower than 80 dB(A)
*With timed drain

Operating limits:
Max / Min Ambient Temperature (°F): 113 / 41
Max / Min Air Inlet Temperature (°F): 140 / 41



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