



Engineering Data
Rev 04 – 16 Jan 2007

Engineering Data SRC-850

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	850
Air Pressure Drop (psi)	1,31
Air Temperature at Dryer Outlet (°F)	84,4
Total adsorbed Power (kW)	6,10
Condenser Heat Rejected (kW)	15,36
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	4238 / 1
Maximum Operating Pressure (psi g)	203
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Scroll / 1
Refrigerant Quantity (lb)	12,79
Capacity Control	Cycling
Expansion System	Thermostatic Valve
Air-to-Air Heat Exchanger	Aluminium plate fins
Air-to-Glycol Heat Exchanger	Aluminium plate fins
Glycol-to-Refrigerant Heat Exchanger	Finned Coil
Number of Heat Exchangers	1
Separator Type	Demister
Drain Type	Integrated or Electronic
PIPING CONNECTIONS	
Air Inlet / Outlet	3" 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)	29,0
Height (inch)	72,6
Depth (inch)	55,3
Weight (lb)	970
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	460V/3ph/60Hz
Dryer F.L.A. Current (Amp)	13.07
Compressor L.R.A. Current (Amp)	63
Total Installed Power (kW)	7,63
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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