



Engineering Data
Rev 04 – 16 Jan 2007

Engineering Data SRC-175

PERFORMANCE DATA	
Airflow Capacity (Scfm @ 68°F)	175
Air Pressure Drop (psi)	2,30
Air Temperature at Dryer Outlet (°F)	82,8
Total adsorbed Power (kW)	1,54
Condenser Heat Rejected (kW)	3,88
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	1324 / 1
Maximum Operating Pressure (psi g)	203
Refrigerant Type	R407C
Fridge Compressor Type / n°	Hermetic Rotary / 1
Refrigerant Quantity (lb)	2,43
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)	335
ELECTRICAL DATA	
Electrical Supply (+/- 10%) (AC)	230V/1ph/60Hz
Dryer F.L.A. Current (Amp)	9,06
Compressor L.R.A. Current (Amp)	38,00
MIN Circuit Ampacity (Amp)	12
Total Installed Power (kW)	2,16
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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