



**Engineering Data**  
Rev 04 – 16 Jan 2007

## Engineering Data SRC-325

PERFORMANCE DATA		
Airflow Capacity (Scfm @ 68°F)		325
Air Pressure Drop (psi)		3,30
Air Temperature at Dryer Outlet (°F)		79,7
Total adsorbed Power (kW)		2,80
Condenser Heat Rejected (kW)		6,74
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		3237 / 1
Maximum Operating Pressure (psi g)		203
Refrigerant Type		R407C
Fridge Compressor Type / n°		Hermetic Scroll / 1
Refrigerant Quantity (lb)		3,97
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)		29,0
Height (inch)		52,1
Depth (inch)		42,3
Weight (lb)		562
ELECTRICAL DATA		
Electrical Supply (+/- 10%) (AC)	230V/3ph/60Hz	460V/3ph/60Hz
Dryer F.L.A. Current (Amp)	8.47	6.91
Compressor L.R.A. Current (Amp)	45,00	22,4
Total Installed Power (kW)	3,06	3,06
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



Sullair Corporation | 3700 E. Michigan Blvd. | Michigan City, IN 46360  
phone: 219.879.5451 or 800.785.5247 fax: 219.874.1273