

Sahara Series Desiccant Air Dryers

Sahara Air Dryers are manufactured in Africa for Africa to international standards.

Design Dew Point of minus -40 °C the Sahara dryer is designed to be desiccant rich with low internal velocities and long contact times to ensure the Dew Point performance is reached. Max working pressure is 13 bar. Other pressure options are available.

Design SA 175 - SA 1560

A stunningly simple design comprising of two shuttle valves® and two pneumatically powered angle seat valves for desorption. This ensures reliable operation and easy start up.

The dryers frame is built to allow the dryer to be shipped on a transport pallet, making long distance transportation simple and safe.

Model SA 1680 ≥

The simple design comprising of a shuttle valve® with two heavy duty NRV's on the discharge and two pneumatically powered angle seat valves for desorption.

Control System

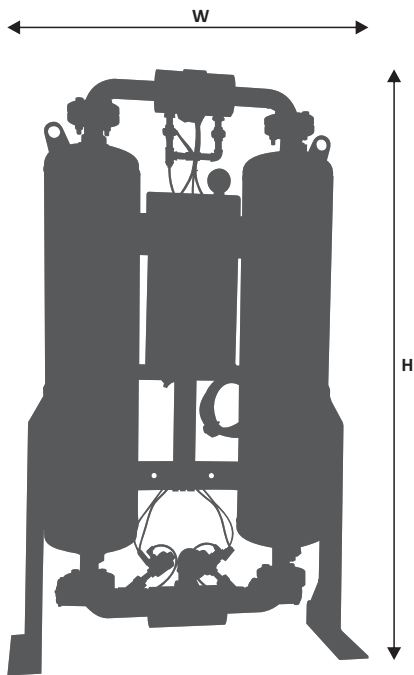
The 220/1/50 Hz panel on the SA series is simple & reliable. The control time sequence is fully adjustable. The factory setting is a NEMA 8 minute cycle. The housing is IP23 and is designed to be installed under roof. Higher IP protection ratings and 24 volt DC powered control systems are options. The control panel may be linked to the air compressor. Dew point control function is easily achieved reducing purge air wastage.

Filters - Pre & After filtration

We recommend the use of our E Series filters for pre and after filtration to protect the dryer and your dew point.

® Patent Pending





Model	Flow Capacity (Nm ³ /min)	Dimensions (mm)			Connections		Weight (kg)
		H	W	D	Inlet	Outlet	
SA 97	1.8	1260	685	500	1"	1"	232
SA 175	2.9	1720	860	500	1"	1"	232
SA 275	4.58	1900	1200	500	1"	1"	250
SA 350	5.83	1900	1055	500	2"	2"	270
SA 475	7.91	2433	1072	500	2"	2"	490
SA 600	10	2200	1300	600	2"	2"	700
SA 800	13.33	2309	1312	600	2"	2"	1032*
SA 1050	18	2393	1362	1219	2"	2"	1260*
SA 1560	26	2916	1362	1219	2"	2"	1691*
SA 1680	28	3065	1495	1422	3"	3"	1938*
SA 1950	32.5	3050	1597	1422	3"	3"	2278*
SA 2460	41	3065	1648	1422	3"	3"	2667*
SA 2460	49.5	TBA	TBA	TBA	4"	4"	TBA
SA 3500	40	2300	2200	1150	4"	4"	3500

* Rating conditions are 38 °C inlet temperature, 6.9 barG inlet pressure, 100% relative humidity, 38 °C ambient temperature.

* Standard voltage is 220 ~ 240 V / 50 ~ 60Hz.

* Maximum operating pressure is 13 barG, and maximum inlet temperature is 45 °C.

* Machine weights are estimated.

We reserve the right to continuously improve this product as and when required to provide the best equipment to our clients. Dimensions may change without prior notice.