


SGWAD-30 Series Air Dryer

Description	The SGWAD-30 Series air dryer is designed for use with multiple ozone generators such as the SGWV-4 Series, SGWH-0.5 Series, SGWV-10 Series and other small ozone generators, or for use in higher humidity situations and with larger ozone generators such as our rack mounted R series.	
Air Drying	Two automatically recharged alumina desiccant cylinders. Vacuum driven, compressor not required.	
Process Gas	Ambient air, free of dust and oil.	
Dry Air Capacity	Up to 30 L/min (60 SCFH) ambient air at 85% R.H. 35°C.	
Resulting Dew Point	-60°C or better. Dew point indicator (blue crystals) included.	
Air Flow Resistance	Approximately 30cm (12") of water column at full flow.	
Cooling	Ambient air $\pm 40^{\circ}\text{C}$ max. 85% R.H.	
Power	Average power consumption is 250W. In 230V/50Hz operation, the dryer receives 120V power from an associated ozone generator.	
Dimensions	453mm high x 260mm wide x 100mm deep (21" x 10" x 4") wall-mounted, powder coated aluminum cabinet. Two key holes allow for easy vertical mounting.	
Warnock & Hersey Certified	ETL file #98260 - U.S.A. CSA file L18014 - Canada	
Warranty	3 YEARS. The rate of the air drying desiccant depletion is subject to local air quality, and it is expected to last 3 years in normal conditions. Premature depletion of the desiccant however is not covered under warranty.	
Operation	In conjunction with ozone generators, controllers, mixing systems, and other equipment.	

SPECIFICATIONS

GENERAL	SGWAD-30 SERIES AIR DRYER
Voltage	100-240 V; 50/60 HZ (depending upon model)
Power Consumption (W)	Maximum of 250W
Ambient Temperature (°C)	2 to 40 °C
Relative Humidity (%)	92%
Dry Air Capacity	Up to 30 litres/minute
Process Gas (bar) <i>1 bar = 14.5 psi</i>	Ambient air, free of dust and oil. Max pressure 0.36 bar
Weight (KG)	7.2 KG
Dimensions (L X W X H)	453mm X 260mm X 100mm
Warranty	3 Years
Internal Air Pump	N/A
Adjustable Output	N/A
Interlock	N/A
Flow Meter	N/A
Vacuum Switch	N/A

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