

Air Dryer for Ozone Generator Systems

20 lpm Desiccant Air Dryer

Air drying equipment is becoming increasingly important for ozone systems. Removing the moisture is critical to long term operation. This unit can reduce ozone generator maintenance and increases output.



Features

- produces very dry air for ozone generation
- automatically recharging
- improves ozone generator reliability
- Visual indicator lets user know when something is wrong
- Very reliable - 1 moving part

Product ID: **V-20**
 Stock: **Yes**
 Price: **\$1,095.00**

Specifications

Air Drying Concept	Two automatically recharged alumina desiccant cylinders. Vacuum driven, compressor not required .
Process Gas	Ambient air from room, free of dust and oil.
Dry Air Capacity	Up to 20 L/min (40 SCFH) ambient air
Resulting Dew Point	-5°C or better. Dew point indicator (blue crystals) included.
Power	120V/60Hz, maximum 1.2A, average 100W.
Warranty	1-year
Air Flow Resistance	Approximately 12-in (30cm) of water column at full flow (30 lpm).
Environmental Limits	Max 55-deg F Dew Point (see chart on the right)
Dimensions	21" x 10" x 4" (533mm high x 245mm wide x 102mm deep) Powder coated aluminum cabinet with key holes for wall mounting.
Weight	25-lbs

V-20 Air Dryer For Ozone Generation



The V-20 is shown here with its color changing indicator on the bottom.

Environmental Conditions

55°F (12.8°C) Dewpoint Temperature vs. Relative Humidity

Ambient Temp F	Ambient Temp C	Max. Allowable R.H.
55	12.8	99%
60	15.6	82%
65	18.3	70%
70	21.1	59%
75	23.9	49%
80	26.7	42%
85	29.4	35%
90	32.2	30%
95	35.0	26%

The V-20 will dry the air in an environment with a maximum dew point of 55-deg F. Use this chart to evaluate the maximum temperature and humidity necessary to achieve proper dry air.