



BD420*W* Dehydrator Series

BD420*W* Automatic Dehydrator, 110-125 VAC 50/60Hz or 208-253 VAC 50/60Hz



The dehydrator removes the moisture from damp ambient air to deliver a reliable, constant, on demand source of dry and pressurised air, which is critical to prevent the systems from performance and reliability degradation by condensation. The BD4200W series dehydrators offer pressurization solutions to transmission lines and antennas in both telecom and broadcasting applications. Its low pressure models (suffix LP) are suitable for applications where reduced pressure is required, for example, pressurisation of broadcast antenna radomes, microwave waveguides and other transmission lines. The inherent reliability of the BD series design, combined with the high output capacity and remote real-time data capabilities make these units an ideal choice for pressurisation of systems at unattended sites. The BD4200W Series dehydrators employ a fully digital operating platform offering the most accurate readings of operating variables, either from the front panel or by a remote IP connection.

Feature / Benefits

- Air Delivery up to 4955l/h
- Available in 110VAC or 220VAC Power Supply
- Accurate Humidity Sensing within $\pm 0.1\%$ RH
- Digital Display of All Operating Parameters
- Remote Real-Time Data and Alarm Reset Capabilities
- SNMP Communication Compatible
- Remote Access via Web Browser Interface
- Imperial and Metric Unit of Measure Options
- 8,000 Hour Maintenance Interval
- Quietest Dryer on the Market

Technical features

GENERAL SPECIFICATIONS

Product Type	Automatic Dehydrator
--------------	----------------------

MECHANICAL SPECIFICATIONS

Dimension H x D x W	124.5 x 53.3 x 64.8 cm
Weight	100 kg

ENVIRONMENTAL

Ambient Temperature Range	+5 to +30 Note: 2 °C
---------------------------	----------------------

External Document Links

Notes

Note 1: (15 Amp service recommended)

Note 2: Unit will go into SHUTDOWN mode if cabinet temperature exceeds 49°C

Related Documents



Dehydrator Sizing Reference Guide

Other Documents