



**BD21\*W\* Dehydrator Series**

BD21\*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 BD210WLP 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 BD210WLP 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 236l/h
- Available in 110VAC, 220VAC and 48VDC (by an Optional Inverter) power supply
- Remote Real-time Data and Alarm Reset Capabilities
- SNMP Communication Compatible
- Digital Display of all Operating Parameters
- Compact & Lightweight
- Ultra Quiet Swing-Piston Compressor
- Versatile Mounting & Installation Options
- Operating pressure can be changed by a simple adjustment at the dehydrator
- Easy Slide Rail Mounting Kit Included (not with BD210WLP-V)
- Vertical Wall Mount Bracket Included with BD210WLP-V ONLY

**Technical features**

**GENERAL SPECIFICATIONS**

Product Type	Automatic Dehydrator
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**MECHANICAL SPECIFICATIONS**


Dimension H x D x W	17.2 x 41.0 x 49.3 cm
Weight	19.0 kg

**ENVIRONMENTAL**

Ambient Temperature Range	+5 to +30 Note: 2 °C
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External Document Links	<p><b>Notes</b></p> <p>Note 1: (15 Amp service recommended)</p> <p>Note 2: Unit will go into SHUTDOWN mode if cabinet temperature exceeds 49°C</p>
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**Related Documents**

 **Dehydrator Sizing Reference Guide**  
Other Documents