



Pressurization Equipment

Dehydrators, Components, and Accessories

Pressurize Your Antenna System for Better Performance and Greater Protection



Maintain System Performance, Save Money

Andrew pressurization equipment can maintain the performance of your premium antenna system components and save you money. A constant supply of dry air under pressure to your transmission lines assures you of high signal quality, low VSWR, and reduced risk of component damage from the effects of moisture.

Operating costs are less because of lower maintenance costs. As a result, lower total costs are realized over the life of your system. You supply a better product for your customers and achieve more market coverage per dollar.

Reduce Risk of Damage, Interruption of Service

Pressurization of your transmission line and antenna system reduces your risk of damage and costly interruption of service. Corrosion caused by accumulated moisture and voltage breakdown (arcing) can be eliminated through positive pressure on the transmission lines.

Over 60 years of Andrew experience and thousands of installations assures you of dependability. Andrew dehydrators are built under high quality standards and each unit is individually tested for eight hours to verify operation. The wide variety of Andrew pressurization equipment available assures you of a dehydrator compatible with your system and design flexibility to meet your future needs.

Minimize Down Time, Protect Revenue

Protection of your revenue stream is important to us because we know that in your business, every minute counts. That's why in the U.S.A. we provide emergency loaner equipment whenever you need it - 24 hours a day, 365 days a year. Our dehydrator alarm options provide sensing of pressure and high humidity and automatic switching of remote units. These alarms quickly alert you to the possible onset of electrical performance degradation so that you can take action.

Simplify Installation, Save Time

Choosing Andrew as a single source for both your pressurization system and antenna system saves you time. There's no need to manage several suppliers. Our wide selection of products, extensive documentation and quick response to your technical questions assure you of proper installation. You'll also save time with our rapid response to price and delivery inquiries and simplified order entry.

Tailored to Your Needs

The Andrew dedicated pressurization R&D department and environmental laboratory can provide you with

custom design and manufacturing. When you inquire about special systems requirements, you will receive

a quick response. We have a variety of monitoring and alarm feature sets. We'll design, build, and test to satisfy military or other unique requirements.



Burned PTFE shows the conductive path formed by dust-laden moisture. As the path arcs over, the transmission line fails.

Moisture in a transmission line can cause corrosion that increases attenuation and reduces system performance.



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Dehydrators

Type Number	Description
MT050A-81015	Dehydrator, 115/220 VAC 50/60 Hz,. Factory set at 5 psi.
MT050A-81315	Dehydrator, 115/220 VAC 50/60 Hz,, 5 PSI, ALARMS HH,LP,XR,PF US cord
MT500A-81015	Dehydrator 115 VAC 60 Hz, includes sound deadening 2-5 PSI, 1.0 CFM Low Pressure, Mains Power Failure, and Excessive Run alarms. Includes US and European Power Cords.
MT500A-81315	Dehydrator 115 VAC 60 Hz, includes sound deadening 2-5 PSI, High Humidity, 1.0 CFM Low Pressure, Mains Power Failure, and Excessive Run alarms. Includes US and European Power Cords.
PMT200A-82015	Dehydrator, Wall Mount, Regulated 5 lb/in ² , Low Pressure, Excess Run and Power Fail alarms output via a summary alarm, 115/230 VAC, 50/60 Hz, Auto-detecting, USA/Europe power cords.
PMT200A-82315	Dehydrator, Wall Mount, Regulated 5 lb/in ² , Low Pressure, PWR Fail, High Humidity and Excess Run alarms output through discrete relays. 115/230 VAC, 50/60 Hz, Auto-detecting, USA/Europe power cords.
XT2000-92325	Dehydrator, XT2000, 0.3-5 PSI, 230V, UL/CSA cord with 6-15P plug
XT2000-92326	Dehydrator, XT2000, 0.3-5 PSI, 230V, CE harmonized cord

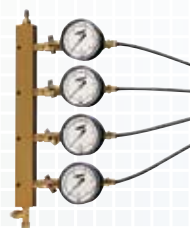
Components and Accessories

Type Number	Description
CO5K-91325	Cable Dryer, redundant master/slave alone, programmable 0–30.0 psig, low-pressure, high-humidity, power-fail and excess-run alarms, 230 Vac, twist lock connector on unit without power cord
6600D-2	Two outlet gas manifold with gauge and shutoff valve includes 3/8 tube installation kit
6600D-4	Four outlet gas manifold with gauge and shutoff valve includes 3/8 tube installation kit
6600D-6	Six outlet gas manifold with gauge and shutoff valve includes 3/8 tube installation kit
858C	Nitrogen Tank Regulator Adjustable (0-15 Psig) With High And Low Gauges And 3/8 Tube Installation Kit (CGA580 connection)
AE01K-D0836-001	Remote Sense Line “Snubber”, 1/8 NPT. Allows connection of dehydrators with Remote Sense line to connectors with a single gas inlet.
RLAPBK-1	Pressurization Bypass Kit, 1 foot
RLAPBK-2	Pressurization Bypass Kit, 2 foot
RLAPBK-3	Pressurization Bypass Kit, 3 foot
RLAPBK-4	Pressurization Bypass Kit, 4 foot



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Around the World, Across the Spectrum, Your Single Source For Broadcast Solutions

Antennas | Transmission Line | Filters/Combiners | Towers | Broadcast Services



About Electronics Research, Inc.

Founded in 1943, Electronics Research, Inc. delivers high quality, innovative, integrated solutions to broadcasters across the U.S. and around the world. Our dedicated staff of engineers, designers, fabricators, and project managers take pride in contributing to your success by providing AM, FM, VHF, UHF, BRS-EBS, and Mobile Media broadcast systems including the industry's best antenna, transmission line, filter and combining, and tower and structural support systems. In addition to manufacturing the full range of broadcast system components and installation accessories, ERI offers all of the engineering and field services needed to plan, install, optimize, and maintain your broadcast facility. We are your single source for broadcast solutions.

Broadcast Antenna Systems

- ROTOTILLER® FM Radio Antenna
- LYNX™ Dual Input for IBOC FM Radio Antenna
- 1105 Circularly Polarized FM Radio Antenna
- 100 Low Power Circularly Polarized FM Radio Antenna
- FM Low Power Horizontally Polarized Educational FM Radio Antenna
- P300/P350 Series Vertically Polarized FM Radio Antenna
- 1180 and 1090 Series Broadband Panel FM Radio Antenna
- SLIMWING™ Batwing VHF Television Antenna
- CRUCIS™ Crossed Dipole VHF Television Antenna
- STINGRAY™ Broadband Panel VHF Television Antenna
- TRASAR® High Power Traveling Wave Television Antenna
- AGW Guided Wave Quick-Deploy Emergency UHF Television Antenna
- STINGRAY™ Broadband Panel UHF Television Antenna
- ALP Low and Medium Power UHF Television Antenna
- AL PLUS Low and Medium Power UHF Television Antenna
- AL8 Low Power UHF Television Antenna
- VELA™ Low Power Vertically Polarized Broadband UHF Television Antenna
- HMD BRS-EBS Antenna
- SHADOWMASTER® Shadow-Filling BRS-EBS Antenna

Transmission Line Systems

- MACXLine® Rigid Transmission Line with Bellows
- HELIAX® Air- and Foam-dielectric Coaxial Cable
- HELIAX® Standard Elliptical Waveguide
- GUIDELINE® Circular Waveguide
- Standard Rectangular Waveguide
- Dehydrators and Pressurization Equipment

Filter and Combining Systems

- FM Radio Filter and Combining Systems
- UHF and VHF Television Filter and Combining Systems
- DAB Filter and Combining Systems
- Mobile Media Filter and Combining Systems
- RF Components
- System Monitoring and Protection Components

Structural Support Systems

- Guyed Towers
- Self-Supporting Towers
- Roof-top Antenna Support Structures
- Specialty Structures and Custom Antenna Supports

RF and Structural System Services

- RF Field and Engineering Services
- Installation and Structural Engineering Services

Electronics Research, Inc.
7777 Gardner Road
Chandler, Indiana 47610-9219
USA

877 ERI-LINE (toll-free: North America)
www.eriinc.com (web)
+1 812 925-6000 (international)
+1 812 925-4030 (fax)

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