



NEW PRODUCT
ANNOUNCEMENT



U.S. Patent Number 6593525

ID3000 Remote Cable Air Dryer

A new solution for dry air cable pressurization

Now technicians and managers can be assured of reliable pressurization of underground cables even at remote locations. The ID3000 Cable Air Dryer from Andrew uses proven, patented membrane drying technology for a consistent, precise supply of dry air.

The ID3000 Cable Air Dryer comes in a standalone, compact, unobtrusive pedestal enclosure, delivering reliably dry air in a more scientific, efficient, and quiet method. Service calls to remote locations can be greatly reduced with the unique and quick exchange dryer module. The ID3000 is the sensible choice to extend cable life and avoid costly service interruptions from moisture ingress.

Internal Front Mounted Controls and Status Indicators

The ID3000 pressure gauge registers both metric and Imperial units. It provides a resettable circuit breaker, an illuminated

on/off switch, a compressor runtime meter, and an integral 2-port manifold with automatic shut off valves.

Electrical Connections

Use ID Series Air Dryers anywhere in the world. The ac input is factory selectable for 115/230 Vac and the compressor is rated for both 50 and 60 Hz operation. Each unit is supplied with a terminal strip for mains power connection located on the internal front panel for easy access. Route mains power into conduit directly underground to eliminate exposed wiring.

Standard Low-Pressure Alarm

The ID3000 Air Dryer includes a low-pressure alarm which closes at 1.0 psi (7 kPa). An optional alarm package adds a high humidity alarm (>7.5 RH), a user adjustable excess runtime alarm, and a power fail alarm.

2-Port Distribution

Dry air distribution is incorporated into

the basic dehydrator design. Two independent outputs are provided on the front interior of the unit. Bulkhead quick-disconnect fittings with integral valves are supplied on the cabinet polytubing connection to the underground cables. Each end of the tubing seals automatically when disconnected.

Features

- Exceptional performance: dew point as low as -50°F , -45°C
- Eliminates nitrogen bottles and associated maintenance
- Fully automatic with regulated output
- Unobtrusive appearance
- Easy setup and direct access
- Environmentally proven enclosure material
- Patented membrane drying eliminates drying media

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SPECIFICATIONS

ID3000 Remote Cable Air Dryer

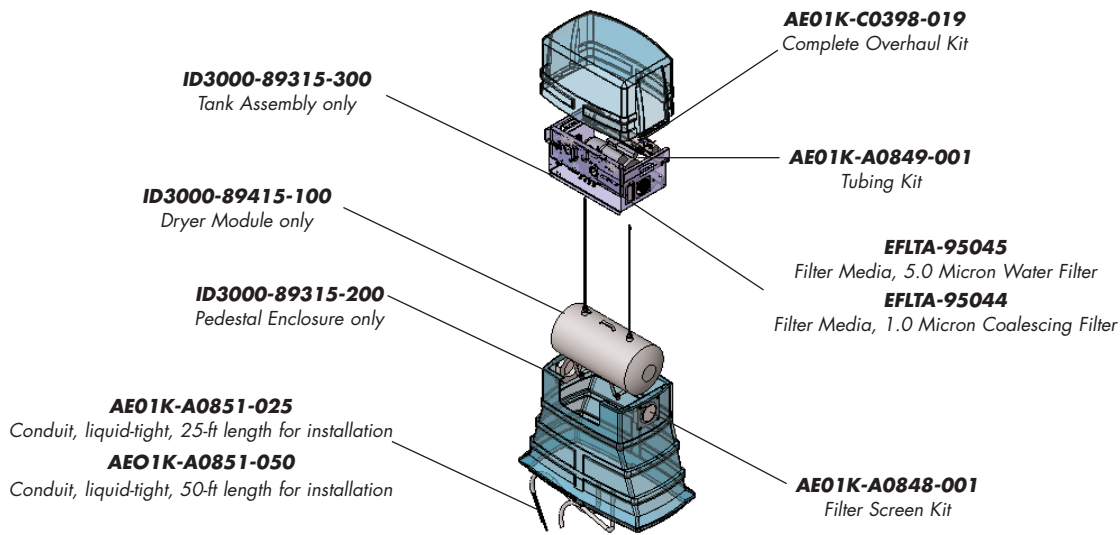
Specifications

Output capacity	2880 SCFD (@ 10 psi) 81,500 liters per day
Electrical power requirements	115/230 Vac, 50/60 Hz 1 phase
Exposed length, in (cm)	33.5 (85.1)
Exposed width, in (cm)	23.0 (58.4)
Exposed height, in (cm)	25.5 (64.8)
Dew point	-50° F (-45° C)
Output pressure	0-15 Psig, 0-105 kPa
Low pressure alarm	1 Psig, 7 kPa, or as required
High humidity alarm*	>7.5% RH, factory set
Excess runtime alarm*	User selectable in minutes
Power fail alarm	Loss of input power

* indicates optional alarm

Ordering Information

Part Number	Description
ID3000-89415	Remote Outdoor Cable Air Dryer, 115 Vac, full alarms and humidity bypass system
ID3000-89415-100	Dryer Module only for Remote Outdoor Cable Air Dryer, 115 Vac, full alarms and humidity bypass system. Does not include enclosure or tank.
ID3000-89315-200	Pedestal Enclosure only for Remote Outdoor Cable Air Dryer
ID3000-89315-300	Tank Assembly only for Remote Outdoor Cable Air Dryer
AE01K-A0848-001	Filter Screen Kit for ID3000 Remote Outdoor Cable Air Dryer
AE01K-A0851-025	Conduit, liquid tight, 25 ft length for installation of ID3000 Remote Outdoor Cable Air Dryer
AE01K-A0851-050	Conduit, liquid tight, 50 ft length for installation of ID3000 Remote Outdoor Cable Air Dryer
AE01K-A0849-001	Tubing Kit for ID3000 Remote Outdoor Cable Air Dryer
AE01K-C0398-019	Complete Overhaul Kit for ID3000 Remote Outdoor Cable Air Dryer, includes compressor wear parts, filter elements, and replacement internal tubing
EFLTA-95045	Filter Media, 5.0 micron water filter for Andrew ID3000 Remote Outdoor Cable Air Dryer
EFLTA-95044	Filter Media, 1.0 micron water filter for Andrew ID3000 Remote Outdoor Cable Air Dryer



ID3000-89415

Andrew ID3000 Remote Outdoor Cable Air Dryer



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Andrew Corporation
10500 W. 153rd Street
Orland Park, IL 60462 USA

Customer Support Center
From North America
Telephone: 1-800-255-1479
Fax: 1-800-349-5444

International
Telephone: +1-708-873-2307
Fax: +1-708-349-5444

Internet: www.andrew.com

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