



BENEFITS

- Improves microwave system reliability
- High energy efficiency
- Unattended operation
- International capability

FEATURES

- Automatic regeneration
- Direct digital control
- LED displays for operating and alarm data
- 120/230 volt 50/60 Hz operation standard
- English or SI calibration standard
- S-A and terminal communication protocols
- CE certification
- U-L 1950 / IEC 950

DESCRIPTION

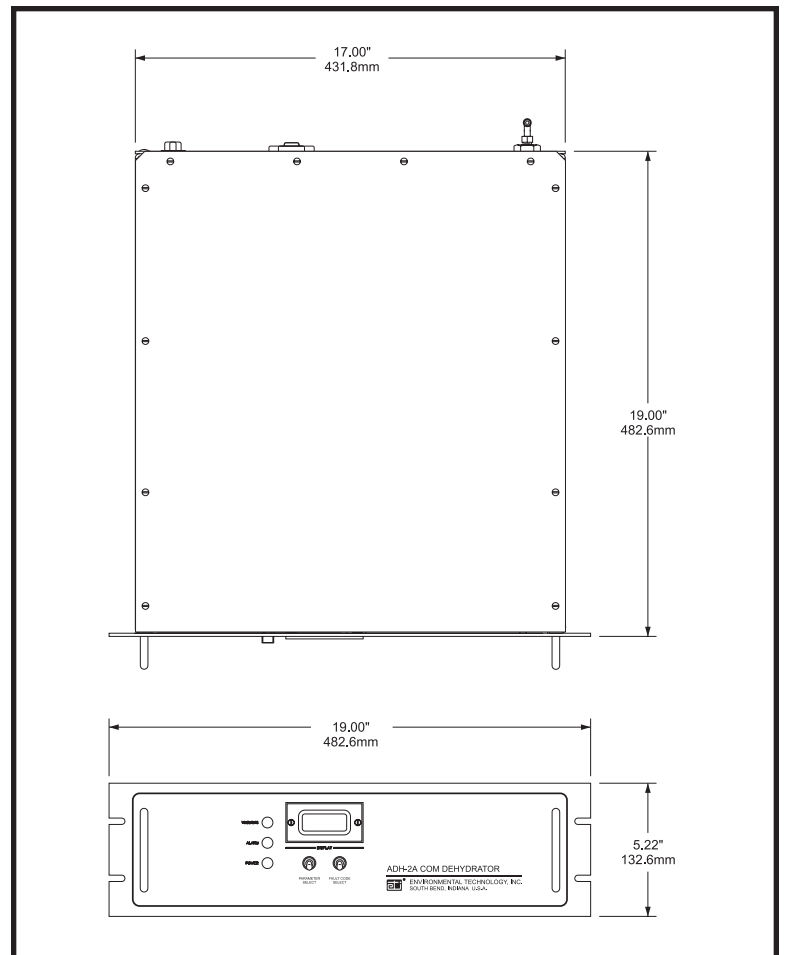
The ADH-2A COM Automatic Dehydrator supplies low pressure -40°F (-40°C) maximum dew point air to keep waveguide and coax dry. The standard pressure is 0.5 psig (34.5 mbar) with 3 psig (207 mbar) and 6 psig (414 mbar) options. Standard features include automatic regeneration, alarm and low pressure relays and an RS-422/RS-485 communications interface thus making unattended operation practical.

The ADH-2A COM uses LED displays and indicators to provide a wide viewing angle and good visibility under low-light conditions. Displayed information includes status, operating and fault diagnosis data along with air pump operating time.

The ADH-2A COM operates with exceptionally low noise and vibrations levels. The dehydrator uses aluminum oxide desiccant for high efficiency. The humidity sensor causes regeneration based upon current dew point rather than at fixed time intervals for additional energy savings and long desiccant life. Dual micro controllers and solid state circuitry insure reliability.

The ADH-2A COM requires only 5-1/4" of panel space. An internal evaporator eliminates the need for a water drain. The dehydrator operates from 120/230 volts 50/60 Hz. A user-set jumper selects the display of either SI or English units.

The ADH-2A COM consumes a maximum of 150 va during regeneration and approximately 60 va otherwise. Thus, this products creates and exceptionally low heat load for an automatic dehydrator.



Specification	English (SI)
Pressure	.25psig – .5 psig (17.2 mbar – 34.5 mbar)
Flow	14.2 ft ³ /hr (402.6 l/hr)
Maximum dew point	-40°F (-40°C)
Regeneration	Automatic, demand
Supply	120/230 Vac 50/60Hz
Nominal power	60 va
Maximum power	146 va
Relay contact ratings	1 Amp at 240 Vac
Operating temperature	32°F – 130°F (0°C – 55°C)
Storage temperatures	-40°F – 150°F (-40°C – 60°C)
Net weight (rack mount)	31.3 lbs (14.2 kg)
Size (rack mount)	19" x 19" x 5.25" (48.3cm x 48.3cm x 13.3cm)

ORDERING INFORMATION

Order Number

Description

17696	ADH-2A COM Automatic Air Dehydrator
17846	ADH-2A COM Automatic Air Dehydrator (Wall Mount)
17905	ADH-2A COM Automatic Air Dehydrator (Outdoor Mount)

LIMITED WARRANTY

ETI's one year limited warranty covering defects in workmanship and materials applies. Contact Customer Service for complete warranty information.

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