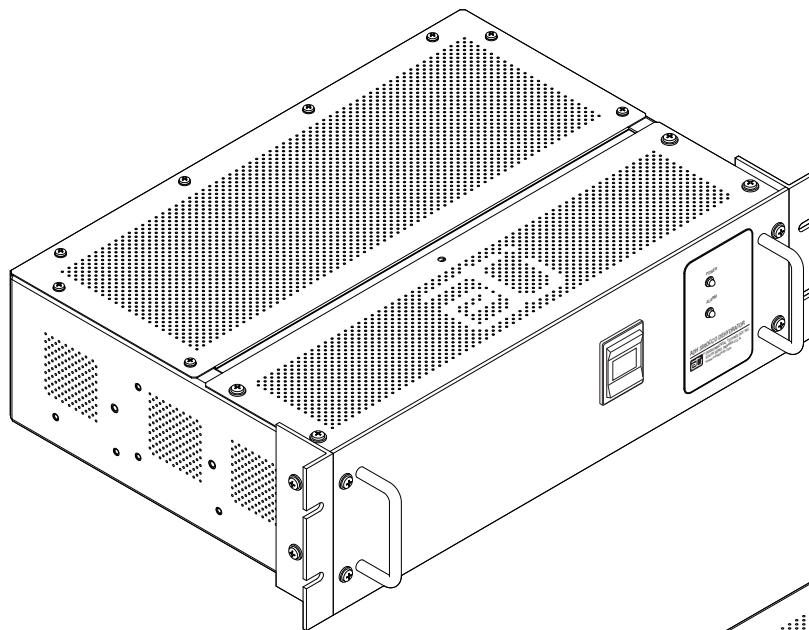
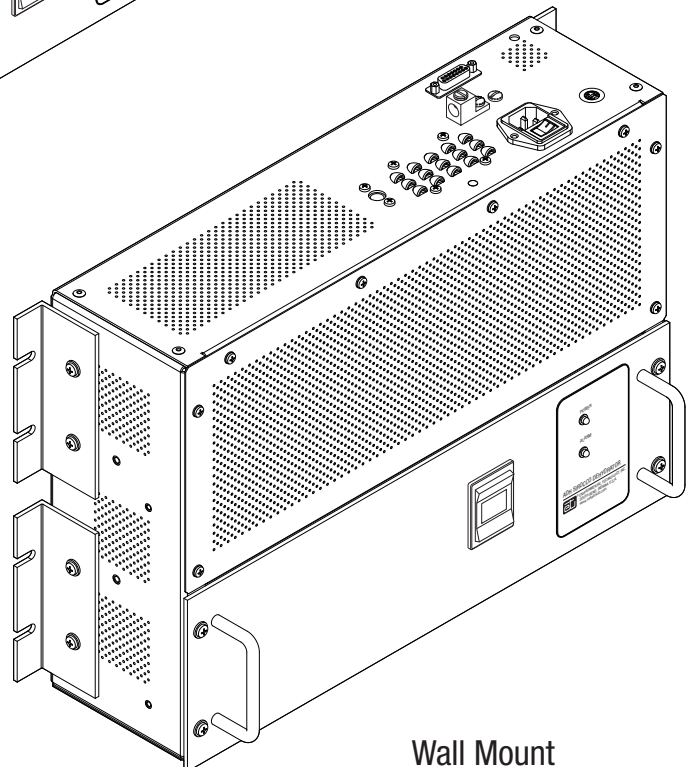


FEATURES & BENEFITS

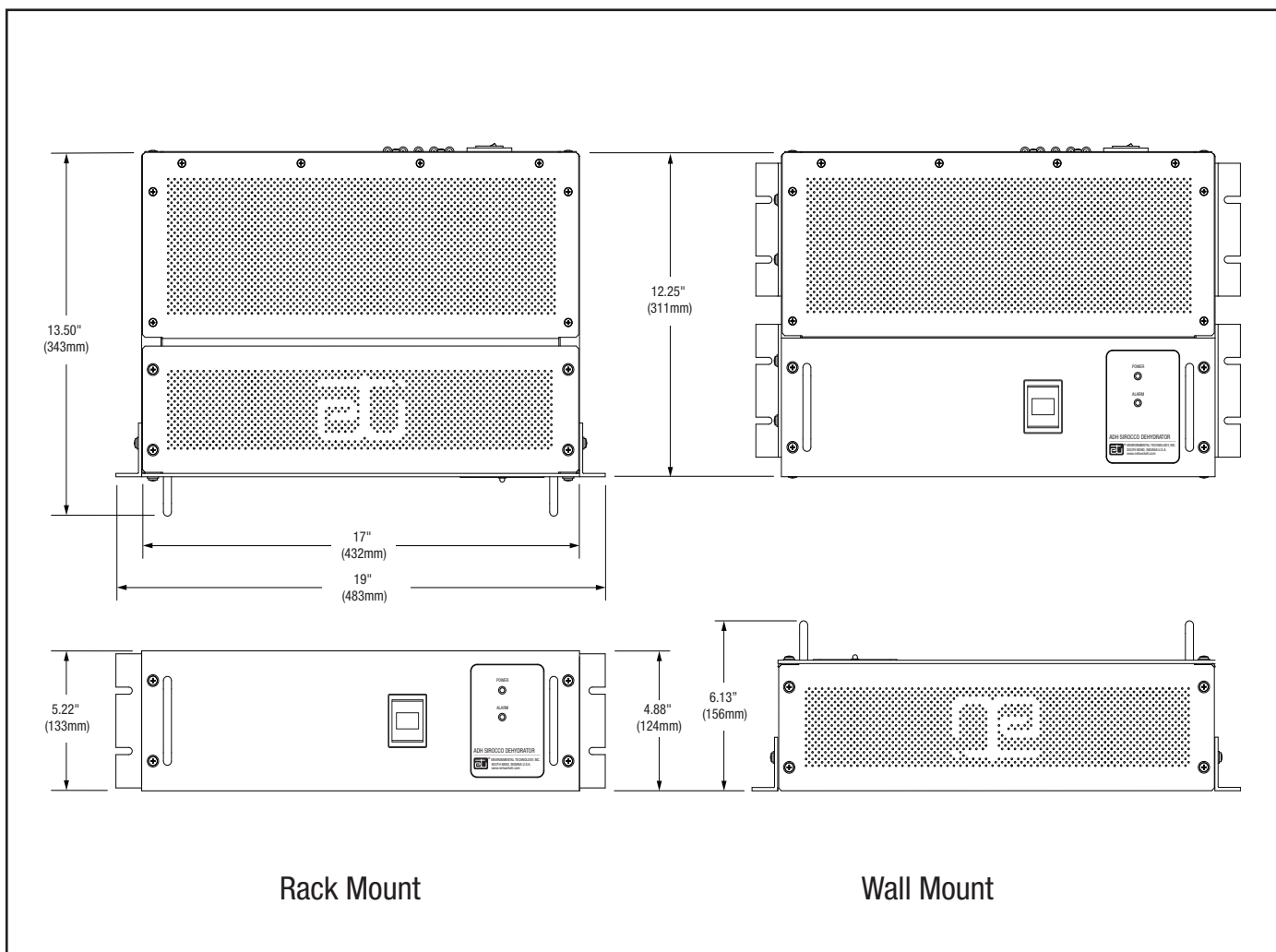
- Provides dry pressurized air to ensure signal quality of antenna waveguide and dielectric coaxial cable
- Highly configurable to meet the needs of wide ranging applications
- Configurable operating pressure range: 0.10 psig - 7.50 psig (7 mbar - 517 mbar)
- Brushless compressor for long life
- Simple power connections for 100-240 VAC
- Small, light weight chassis with multiple mounting options makes installation easy
- Low energy use minimizes operational costs
- Quiet operation



Rack Mount



Wall Mount



DESCRIPTION

The ADH SIROCCO automatic air dehydrator supplies low pressure dry air to keep waveguide and coaxial cable dry. Output pressure is user-configurable between 0.10 psig and 7.50 psig (7 mbar - 517 mbar) in 0.01 psig (0.67mbar) increments. Factory default pressure is 0.5 psig (34.5 mbar). Operational monitoring and alarms are also user-configurable to suit unique or changing system requirements.

Three configurable alarm relays are also included. Communicated operational information includes output pressure, duty cycle, temperature, compressor hours, and air drying canister status.

The ADH SIROCCO automatic

air dehydrator uses a brushless dual-diaphragm pump for long life and operates with exceptionally low noise and vibration levels. The air drying canisters use aluminum oxide desiccant for high efficiency. Desiccant automatically regenerates at fixed time intervals for additional energy savings and long desiccant life.

The ADH SIROCCO automatic air dehydrator requires only 5-1/4" (3-U) of rack space and is just 12" (304.8 mm) deep. Mounting hardware allows for flexible installation options including dual- and single-post rack mounting and wall mounting. The standard unit weighs just 16 lbs (7.26 kg).

The ADH SIROCCO automatic air dehydrator operates from 100-

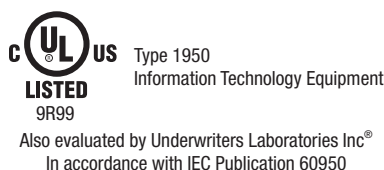
240 VAC, 50/60 Hz. The dehydrator consumes a maximum of 75 watts during regeneration and approximately 40 watts otherwise. Heat dissipated is up to 255 BTU/hr during regeneration and approximately 136 BTU/hr otherwise. This product creates an exceptionally low heat load for an automatic dehydrator.

For complete information describing the application, installation or features of the ADH SIROCCO, please contact Customer Service or visit us on the web at www.networketi.com.

SPECIFICATIONS

General

Approvals



Regeneration Method	Automatic, demand
Maximum dew point	-40° F/C

Enclosure

Dimensions	17" × 12" × 5-1/4" (432 mm × 305 mm × 133 mm)
Weight	16 lbs (7.26 kg)
Mounting	Dual-post rack, flush mounted Single-post rack, center mounted Wall mounted

Power

Supply	100-240 VAC, 50/60 Hz
Maximum current	0.9 Amps at 100 V
Power usage	40 W typical, 75 W max
Heat dissipation	136 BTU/hr typical, 255 BTU/hr max

Output

Flow rate	11.1 scfh (5.25 lpm) @0.5 psig (34.5 mbar)
Maximum pressure	7.5 psig (517 mbar)
Internal safety relief valve	8 psig (552 mbar)
Discharge port	1/8" NPT 3/8" or 1/4" hose barb (both included)
Display units	SI (millibars); English (psig), default

Control

Maximum pressure	Configurable Range: 0.20 psig - 7.5 psig (14 mbar - 517 mbar), Default: 0.50 psig (34.5 mbar)
Minimum pressure	Configurable Range: 0.10 psig - 7.4 psig (7 mbar - 510 mbar), Default: 0.30 psig (21 mbar)
Low pressure alarm level	User Configurable, Default: 0.15 psig (10 mbar)
High pressure alarm level	User Configurable, Default 1.5 psig (103.5 mbar)
Alarm relays	Contact Type - Form C, SPDT, reverse acting Ratings - 0.25 Amps @ 60 V Defaults - Alarm Relay 1: Summary Alarm; Alarm Relay 2: Low Pressure Alarm; Alarm Relay 3: Dew Point Alarm (User-Configurable)
Duty cycle alarm	Default: 50% (User-Configurable)

Environmental

Operating temperature	-40°F to 130°F (-40°C to 55°C)
Storage temperature	-40°F to 150°F (-40°C to 60°C)

ORDERING INFORMATION

Order Number	Description
24434	ADH SIROCCO Automatic Air Dehydrator, 100-240 VAC



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LIMITED WARRANTY

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

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