

ZERO AIR GENERATOR Model AE-1101

The AE-1101 is a high volume Zero Air Generator, designed to produce on-demand high purity, dry air for use in air quality instrumentation, calibration systems and other components found in Air Monitoring Systems.

The AE-1101 incorporates a High Volume Compressor, Volume Tank, Membrane Dryer, Dew Point Sensor, Coalescing Filter with Auto Drain and a Series of Internal Scrubbing Canisters. An optional heated CO scrubbing system and drying agent is available.

Features:

Up to 20 lpm at 30 psi

Light-weight – Only 37 lbs

Rack mountable or bench-top
mounting or portable versions

Dew Point Indicator

Auto-Drain Feature

Front panel gauge and regulator

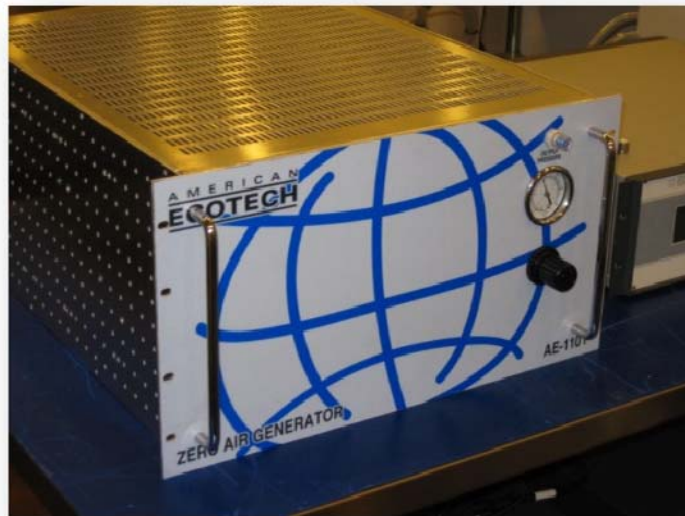
Low maintenance requirements

Optional heated CO Scrubber
and Molecular Sieve Scrubber Media, internal to instrument

All components integrated into a rack mountable chassis

NOTE: A fully portable version is also available, built into a rugged transport case (Model AE-1101P)

Replacement scrubbing media is carried in stock and readily available anytime



AE-1101 Zero Air Generator

Technical Specifications:

Rack Mountable / Bench-top Configuration

Flow Rate: up to 20 lpm @ 30 psi

Air Scrubbing System:

Scrubbing Media suitable to remove SO₂, NO₂, O₃, H₂S is included as standard

Scrubbing Media suitable to remove moisture is included as standard

Heated CO and catalytic hydrocarbon scrubbers (optional)

CO₂ removal and ammonia removal scrubbers (optional)

Volume Tank: 15 liters @ 100 psi

Operating temp range: 10-40°C

Dimensions: 19"(W) x 22"(D) x 10.5"(H), 6RU

Weight: 37 lbs (Basic Configuration)

Power Requirements: 120VAC 60Hz

Power consumption: 325W (Without Heated CO Scrubber)

Power: 110-120VAC 60Hz

Advantages:

No external input is needed for operation

Can be easily used with all brands of gas analyzers and dilution calibrators

Pressurized scrubbers minimize start-up time

Expandable scrubbing system

Pressure can be adjusted upon request

Membrane drier eliminates the need for sorbent-based moisture removal

Dew-point indicator

Lightweight portable unit also available