

Zero Air Unit



MODEL: Vair-9008

Zero Air Unit

Zero gas unit to provide clean, dry zero-air equipment. Mainly used for ambient air quality monitoring system and the zero calibration of the instrument, it can also be used as penetration tube furnace cleaning gas or supporting gas equipped with FID analyzer.

Zero gas unit comprises an external oil-free air compressors, pressure and flow controllers, water removal systems, SO₂, NO, NO₂, O₃ and H₂S removal, and removal of CO and hydrocarbons.

Zero gas unit is based on principles such as adsorption, filtration, reaction, except for SO₂ in the air NO, NO₂, O₃, H₂S, CO, NH₃, hydrocarbons and particulate output dry clean air.

Equipment removal system moisture in the air can be removed, producing less than one 20 T dew point of the air, not under the influence of inlet air dew point. Also contribute to the removal of other gases, greatly prolongs the life of chemical remover.

Features

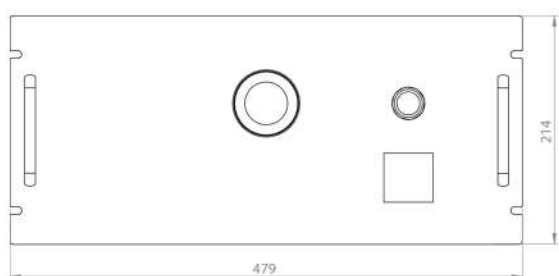
- Using three-stage water system, automatic water, in addition to strong water with long term SO₂, NO, NO₂, O₃ and H₂S
- Removing with high efficiency removal of CO and hydrocarbon
- Produced by dry, clean, stable flow and pressure
- Maximum output of zero flow of up 20L/min
- Adjustable output pressure is simple
- Less day-to-day maintenance can be used as penetration and FID gas furnace cleaning gas can with an external air compressor unattended automatic drainage function.

ZERO AIR UNIT

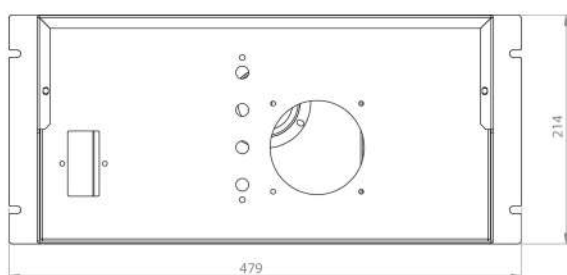
Technical Specifications

Parameters	Indicator
Zero Air Output	20 LPM @ 30 psi
Moisture	-20°C up to 20 LPM
	CO < 0.025PPM
	NO < 0.1PPB
Zero Gas Value	SO ₂ < 0.1PPB
	O ₃ < 0.1PPB
	Hydrocarbon Scrubber: < 0.01 ppm (option)
Compression zero air generation control	Automatic control/generation by oil-less piston pump installed in the equipment
Power Supply	220VAC/60Hz, 230VAC/50Hz, 110VAC/60Hz (select user order)

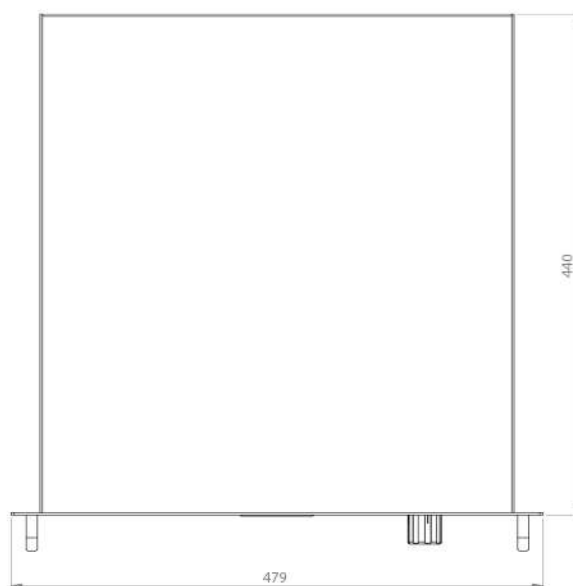
Dimensions - Case type



Front view



Back view



Top view



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