

WSA – WALL SLIM AIR

High purity CO2 Free Air



DESCRIPTION:

LEMAN Instruments designed the WSA product of High purity CO2 Free Air to fit almost any application within the needs of the specifications. Simple and close to the consumer, it is designed for special integrations or wall-mounted installation.

Compressed air, supplied from central distribution or from an external air compressor, is first filtered with our Smart Pressure Swing Adsorption (Smart PSA) technology, removing CO2 moisture and CH4. After the purification process, the air is filtered of remaining particulates down to 0.01µm, and pressure is regulated to the set value, between 0.5 and 5 bar.

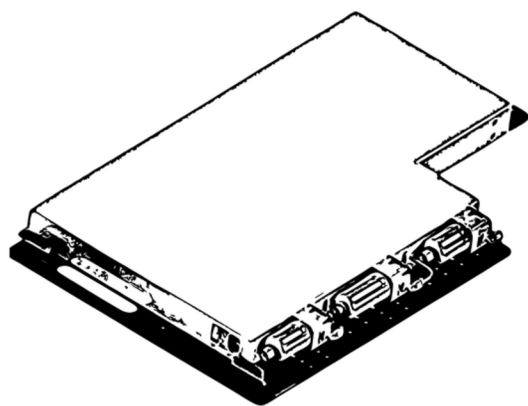
One model is available with the purities based on this table:

This system has been developed to be integrated into variable installation under the OEM concept or directly on a line or dry air.



APPLICATION TYPES:

- Zero Gas
- Purge Gas
- CO2 Free Gas



FEATURES:

- No maintenance
- Extremely affordable
- Flexible use
- Improves resolution and detection limit. Provides high pressure stability.
- Air is available 24/7. No contamination.
- Independent source of N2. Needs only a dry, oil-free compressed air supply and electricity. It can be moved around the laboratory or placed differently on a line.
- No handling, No storage, No cylinder rental fee.
- Vertical and slim integration or space-saving
- No heating parts



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MODELS	WSA
Max AIR Outflow @ 1013/20°C	2 L/min
AIR Purity	• < -60 °C DP • < 1 ppm CO2 • < 2 ppm CH4 • particulates <0.01µm
Dew point	-60°C
Outlet Pressure	From 0.5 to 5 bar (7 to 72 psig)

Dimensions cm / in	L: 70.5cm / l: 41.5cm / H: 4.5cm L: 27.5in / l: 16.1in / H: 1.5in
Net weight (kg/lbs)	5kg/11lbs

Air Quality	Oil-free, dried compressed air; according to DIN ISO 8573-1 Class 3
Air Pressure	Minimum: Bar (20 psig) Maximum: 10 bar (145 psig)
Manual control	Electronic regulation of pressure
Input & Output fittings	Quick Connect 6mm Input Swagelok 4mm Output
Power supply	Automatic switching from 90 to 260VAC, 47 to 63 Hz
Power consumption (max at full flow)	Maximum 100W
Ambient temperature	+5 to +35°C

