Zero Air Generators

iGen ZA-18000 Zero Air Generator
Precision-Built 18 LPM Zero Air Generator

The iGen ZA-18000 delivers 1 LPM of ultra-high-purity zero air with contaminant levels below 0.5 ppb. Precision-engineered for reliability and lab-grade consistency, it supports gas chromatography, emissions analysis, and air monitoring with a clean, on-demand air source — no cylinders required.

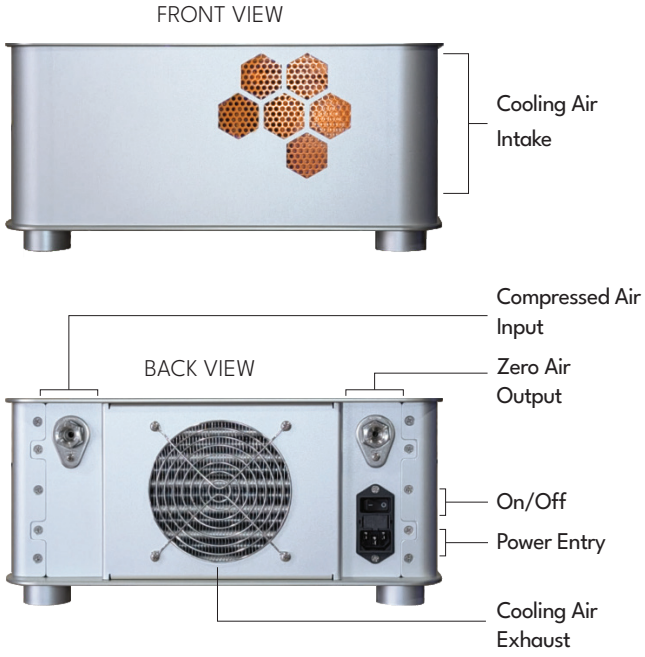
Built into a compact, low-noise chassis, the ZA-18000 balances performance with flexibility. Designed for benchtop or wall-mounted installation, and easily integrated into existing lab spaces, analyzer setups, and instrumentation stacks.

Also available in 1, 3.5, and 7 lpm sizes.



The New Standard in Zero Air Technology

- Compact, modular design replaces traditional zero air tanks
- Integrated CO^2 scrubbing provides consistent baseline stability
- Ultra-clean air output designed for flame ionizaation & emissions testing
- Precision-controlled catalyst ensures thermal consistency and stable output
- Designed for seamless integration into analytical and environmental systems



Purity & Conditioning	Air Purity:	<0.5 ppb: SO^2; H^2S; NO, NO^2; NH^3; Hydrocarbons <1 ppb: 0^3, CO
	CO^2 Concentration:	<1 ppm: CO^2
	Dew Point:	-100°F / -73°C
Performance	Flow Rate:	18 LPM
	Connections:	1/4" NPT
	Mounting Options:	Benchtop/Wall
	Power (model):	120V 5A or 220V 3A (ZA-18000) (ZA-18000X)
Dimensions (WxDxH)		17" x 14" x 6.75" 431mm x 356mm x 169mm
Weight		30 lbs (13.6kg)

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