Zero Air Generators

- **Produces UHP Zero Air from house compressed air (<0.05 ppm THC)**
- **Eliminates inconvenient and dangerous zero air cylinders from the laboratory**
- **Increases the accuracy of analysis and reduces the cleaning requirement of the detector**
- **Qualitative SMART-Display provides operational status at a glance**
- **Recommended and used by many GC and column manufacturers**
- **Payback period of typically less than 1 year**
- **Silent operation and minimal operator attention required**
- **Models available to service up to 66 FIDs**

Model HPZA-3500

Parker Balston® Zero Air Generators are complete systems with state-of-the-art, highly reliable components engineered for easy installation, operation, and long term performance. Parker Balston Zero Air Generators are much easier to install than dangerous, high pressure gas cylinders, and only need to be installed once! All that is required is a standard compressed air line and an electrical outlet.

Parker Balston Zero Air Generators are easy to operate, there is no complicated operating procedure to learn or any labor intensive monitoring required.

Parker Balston Zero Air Generators eliminate all the inconveniences and costs of cylinder gas supplies and dependence on outside vendors. Uncontrollable vendor price increases, contract negotiations, long term commitments and tank rentals are no longer a concern; Parker Balston Zero Air Generators offer long term cost stability.

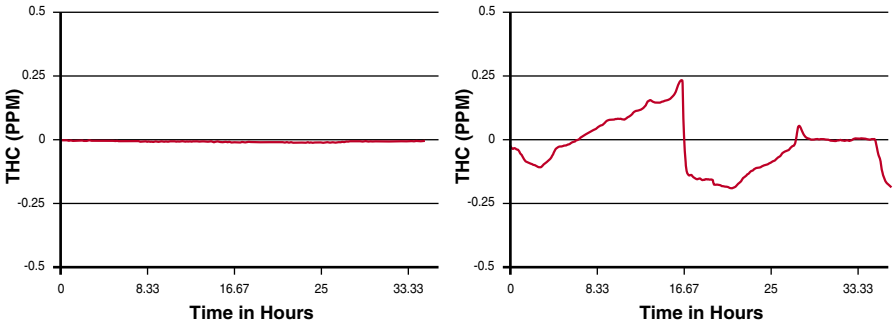
There is no need to use valuable laboratory floor space to store excessive reserves to protect yourself from late deliveries, transportation interruptions, or periods of tight supplies. With a Parker Balston Zero Air Generator, you control your supply.

Model Number	Number of FIDs*
75-83NA	Up to 2
HPZA-3500	Up to 8
HPZA-7000	Up to 16
HPZA-18000	Up to 40
HPZA-30000	Up to 66

*Based on a 450 ccm fuel air rate.

Zero Air Generators

Baseline Comparison



The Chromatograms (left) compare baselines produced by a Parker Balston® Zero Air Generator and bottled fuel air. The baseline produced by the Parker Balston Generator is very flat, with no fluctuations or peaks, in comparison with the chromatogram of the bottled air fuel supply, which has many peaks ranging from .25 ppm to -.25 ppm.

Principal Specifications

Parker Balston Models 75-83NA, HPZA-3500, HPZA-7000, HPZA-18000, HPZA-30000

Max Zero Air Flow Rate	75-83NA	1 lpm
	HPZA-3500	3.5 lpm
	HPZA-7000	7 lpm
	HPZA-18000	18 lpm
	HPZA-30000	30 lpm
Outlet Hydrocarbon Concentration (as methane)*	<0.05 ppm	
Min/Max Inlet Air Pressure		40 psig/125 psig
Max Inlet Hydrocarbon Concentration (as methane)		100 ppm
Pressure Drop at Max Flow Rate		4 psig
Max Inlet Air Temperature		78°F (25°C)
Inlet/Outlet Ports		1/4" NPT (female)
Start-up Time for Specifie Hydrocarbon Concentration (as methane)		45 minutes
Electrical Requirements	75-83NA	120 VAC/60 Hz, 0.5 amps
	HPZA-3500	120 VAC/60 Hz, 2.0amps
	HPZA-7000	120 VAC/60 Hz, 2.0 amps
	HPZA-18000	120 VAC/60 Hz, 4.0 amps
	HPZA-30000	120 VAC/60 Hz, 4.0 amps
Dimensions	75-83NA	10"w x 3"d x 12"h (25cm x 8cm x 30cm)
	Other Models	11"w x 13"d x 16"h (27cm x 34cm x 42cm)
Shipping Weight	75-83NA	7 lbs.(3 kg)
	Other Models	41 lbs.(19 kg)

* Outlet hydrocarbon concentration (as methane) for models 75-83NA and HPZA-30000 is less than 0.1 ppm.

Ordering Information for assistance, call 800-343-4048, 8 to 5 Eastern Time

Description	Model Number
Zero Air Generator	75-83NA, HPZA-3500, HPZA-7000, HPZA-18000, HPZA-30000
Maintenance Kit for Model 75-83NA	MK7583
Maintenance Kit for All Other Models	MK7840
Installation kit for all models	IK76803
Preventative Maintenance Contract	LFZA-PM, MFZATOC-PM
Extended Support with 24 Month Warranty	75-83-DN2, HPZA-3500-DN2, HPZA-7000-DN2, HPZA-18000-DN2, HPZA-30000-DN2

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