

Parker Balston[®] Zero Air Generators

- **Produce UHP Zero Air from house compressed air (<0.05ppm THC)**
- **Eliminate inconvenient and dangerous zero air cylinders from the laboratory**
- **Increase 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**



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 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.

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.

Zero Air Generators:

- Outlet THC as methane:** <0.1ppm (75-83NA)
<0.1ppm (HPZA-30000)
<0.05ppm (others)
- Min/Max inlet air pressure:** 40 psi/125 psi
- Max inlet THC as methane:** 100 ppm
- Pressure drop:** 4 psi at max flow rate
- Max inlet air temperature:** 78°F (25°C)
- Inlet/outlet ports:** 1/4" NPT (female)
- Start-up time:** 45 minutes
- Electrical requirements:** 120VAC/60Hz
- Dimensions (75-83NA):** 10" (W) x 13" (D) x 12" (H)
- Dimensions (others):** 11" (W) x 13" (D) x 16" (H)
- Shipping weight:** 7 lbs (75-83NA), 41 lbs (others)

Parker Balston Zero Air Generator Ordering Information:

Cat.No.	Description	Zero Air Flow Rate	Number of FIDs*	Power Consumption
75-83NA	Zero Air generator	1 LPM	Up to 2	0.5 Amps
HPZA-3500	Zero Air generator	3.5 LPM	Up to 8	2.0 Amps
HPZA-7000	Zero Air generator	7 LPM	Up to 16	2.0 Amps
HPZA-18000	Zero Air generator	18 LPM	Up to 40	4.0 Amps
HPZA-30000	Zerp Air generator	30 LPM	Up to 66	4.0 Amps

*Based on a 450cc/min fuel air rate.

Zero Air Generator Maintenance and Installation Kits:

Cat.No.	Description
MK7583	Maintenance kit for MK7583, includes: prefilter cartridge and final sintered metal filter cartridge
MK7840	Maintenance kit for all other models, includes: 1 each of the frits and second stage coalescing prefilter cartridge and 1 grade GS final membrane filter
IK76803	Installation kit for all models, includes: 50'-1/8" copper tubing, 50'-1/4" copper tubing, union tees, tubing connectors

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