

Zero Air Generators



Parker Balston[®]
Zero Air Generators

Features & Benefits

- Produce UHP Zero Air from lab house compressed air supply
- Eliminates inconvenient and dangerous cylinders of air, breathing air, or zero air from the laboratory
- Increases the accuracy of analysis and reduces cleaning requirements of the detector
- Recommended and used by major GC and column manufacturers
- Payback period of typically less than 1 year
- New enhancements provide gas purity below 0.05 ppm Total Hydrocarbon Content (as Methane)
- Silent operation and minimal operator attention required

Applications

- Oxidant/support gas for GC with FID detector
- Support gas for Total Hydrocarbon Analyzers
- Nebulizer and Exhaust gas for LC/MS Instruments

Zero Air Generator Selection Chart

Model Number	Flow Capacity
75-83NA	1.0 lpm
76-803NA*	3.5 lpm
76-807NA*	7 lpm
76-818NA*	18 lpm
76-830NA	30 lpm

*New purity enhancements

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.

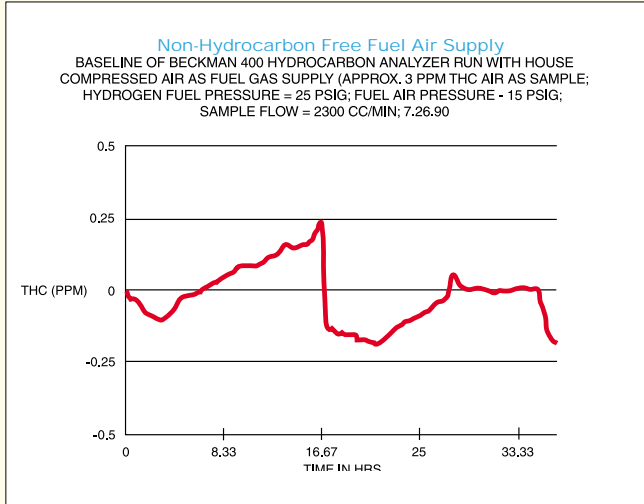
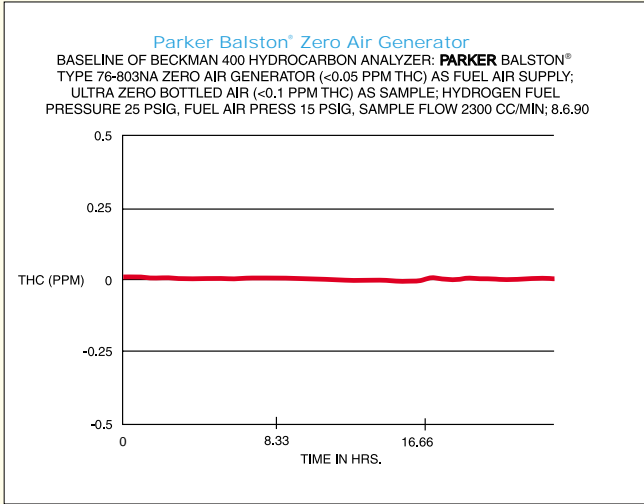
Parker Balston[®] Zero Air Generators eliminate all the inconveniences and costs of cylinder gas supplies and dependence on outside vendors. Uncontrollable vendor price increases, contract negotiations, long term commitments and tank rentals are no longer a concern; Parker Balston[®] Zero Air Generators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

There is no need to use valuable laboratory floor space to buy and 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.

For additional information,
call toll free
1-800-343-4048
or Fax **1-978-858-0625**
Visit our website
www.parker.com/balston/ags

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Baseline Comparison



The Chromatograms (above) compare baselines produced by a Parker Balston® Zero Air Generator (left) and Bottled fuel air (right). 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.