

# D60 Parker/Balston® Zero Air Generator

## Features:

- Produces UHP Zero Grade Air from in-house compressed air at a fraction of the cost.
- Eliminate inconvenient and dangerous air cylinders from the laboratory.
- Compact wall mountable design frees up valuable laboratory space.
- Complete, easy to install and operate.
- Includes four years of maintenance supplies.
- Increase the accuracy of FID detectors and ensure a consistently flat baseline.

The Parker/Balston 75-83 Zero Air Generator is a complete system with carefully matched components engineered for easy installation, operation and long term reliability. The Generator includes coalescing prefilters with automatic drains, state-of-the-art heater module and a membrane final filter.

The unit is much easier to install than dangerous, high pressure gas cylinders, and it only needs to be installed once! All that is required is a standard compressed air line and an electrical outlet.

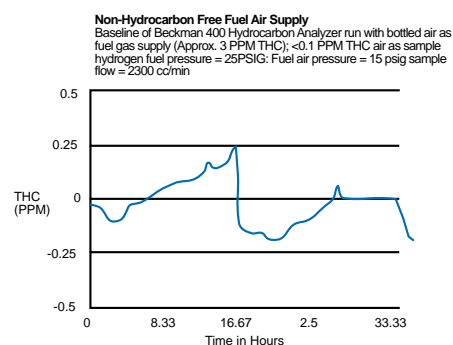
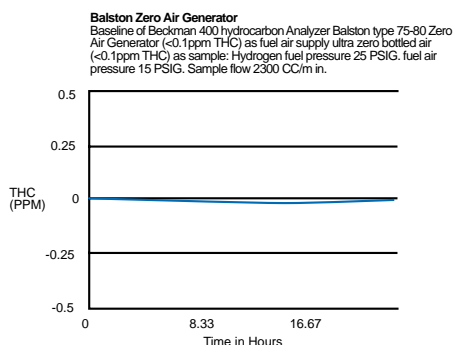
The units are easy to operate. There is no complicated operating procedure to learn or any labor intensive monitoring required.

The Parker/Balston Zero Air Generator eliminates 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; the Balston system offers 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 the Parker/Balston Zero Air Generator, you control your supply!

## Baseline Comparison

The Chromatograms (right) compare baselines produced by a Parker/Balston Zero Air Generator (left) and Bottled fuel air (right). The baseline produced by the 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 0.25 ppm to -0.25 ppm.



## Principal Specifications

Outlet Hydrocarbon Concentration (as methane)	<0.1 ppm
Max. Air Flow Rate (outlet) for Specified Hydrocarbon Concentration	1 liter/min.
Inlet Air Pressure	40 psig (min), 125 psig (max)
Max. Inlet Hydrocarbon Concentration (as methane)	100 ppm
Pressure Drop at Max. Flow Rate	4 psi
Max. Inlet Air Temperature	78°F (25°C)
Inlet and Outlet Ports	1/4" NPT
Start-up Time for Specified Hydrocarbon Concentration (as methane)	45 minutes
Electrical Requirements	120V 3.0 Amps
Shipping Weight	7 lbs.
Dimensions	12" h x 10" w x 3" d

## Larger capacity systems available. Please Call

Part No.	Description	Price
75-83	Zero Air Generator	
505005BX	Replacement Filter Tubes, Prefilter (box of 5)	
MK7583	All filters for Zero Air 75-83 unit	