

# Zero Air Generator Systems

WITH "QUIET AIR" COMPRESSOR FOR ULTRA HIGH PURITY AIR SUPPLY

## KEY BENEFITS

- Safe, compact, *quiet* alternative to high pressure gas cylinders and produces ultra high purity zero air with less than 0.1ppm total hydrocarbon content (THC).
- Delivers up to 100 psig of zero-grade air at up to 1,000 cc/min of continuous flow. Perfect for generating fuel air for several Flame Ionization Detectors (FID).
- Separate air tap for delivery of Gas Analyzer injector / actuator / reactor air is also available.
- Auto Reservoir Drain accessory for minimal compressor maintenance.
- For 110VAC operation only. A step down transformer is available for 230VAC operations.
- All zero air generator-compressor systems come with a 1 year warranty by Parker / GAST and are supported by world-wide *ALI* service agents. Technical support, spare parts, repair and maintenance option plans are also available.

## TYPICAL APPLICATIONS

- Gas Production Facilities
- Distribution Depot Facilities
- Bottling Plants
- QC Laboratories
- Brewery / Fountain Gas Testing
- Power Plants



### Specifications

Maximum Zero Air Flow	1 lpm
Outlet Hydrocarbon Concentration (as methane)	<0.1 ppm
Max Inlet Air Pressure	120 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)
Tank Model	86R-4B
Tank Size in Gallons	1
CFM at 0 PSIG	2.00
CFM at 10 PSIG	1.80
CFM at 30 PSIG	1.50
CFM at 50 PSIG	1.20
CFM at 70 PSIG	1.10
CFM at 100 PSIG	0.90
On/Off psig	70/100
0 to 100 setting	1:30
Recovery of Standard Setting	0:25
Motor Voltage	115-50/60-1
Horse Power	1/3

### ZAG "QUIET-AIR" COMPRESSOR SYSTEM

A "QUIET," CONVENIENT ZERO-GRADE AIR SUPPLY ALTERNATIVE!



ISO / IEC 17025:2005 Accredited Laboratory

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