

# Zero Air Generator™

WITH COMPRESSOR FOR ULTRA HIGH PURITY AIR



ООО "Орбис"  
Официальное представительство  
ALI на территории РФ

www.orbiscorp.ru

ПРОДУКТ BRIEF  
ULTRA HIGH PURITY AIR GENERATOR

## KEY BENEFITS

- Safe, compact 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 with flow up to 1000 cc/min of continuous flow. Suitable for generating fuel air for several Flame Ionization Detectors (FID).
- Separate air tap for delivery of Gas Chromatograph injector / actuator air is also available.
- Auto Drain accessory for compressor's reservoir allows user to define time interval and frequency of reservoir drain.
- 110VAC operation only. 230V operation requires step down transformer.
- All zero air generator and compressor systems come with a 1 year warranty by Parker / Gastec and are supported by world-wide ALI service agents. Technical support, spare parts, and repair and maintenance options are also available.

## TYPICAL APPLICATIONS

- Gas Production Facilities
- Distribution Facilities
- Bottling Plants
- Brewery / Fountain Gas Testing
- Power Plants
- QC Laboratory
- PM Service Personnel
- Reclaimed CO<sub>2</sub> Purity Testing / Sales



## Specifications

Maximum Zero Air Flow	1 lpm
Outlet Hydrocarbon Concentration (as methane)	<0.1 ppm
Max Inlet Air Pressure	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)
Tank Model	71R142
Tank Size in Gallons	2
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



**Airborne Labs International**

ISO / IEC 17025:2005

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