

ChromGas ZAG

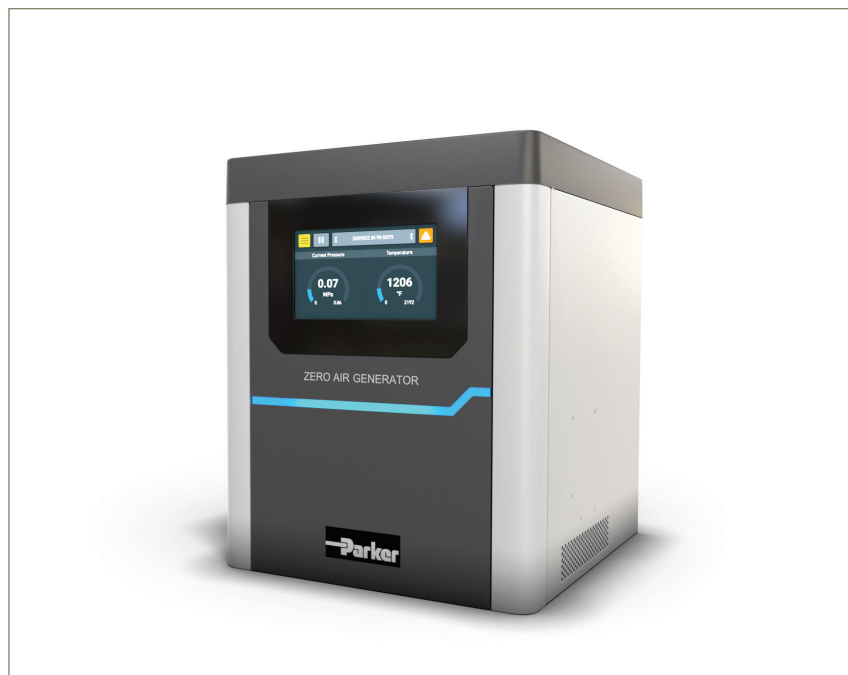
Zero Air Generators for Gas Chromatography



Parker's ChromGas ZAG generators provide a continuous stream of hydrocarbon free air from an external dry compressed air source, offering superior limits of detection over and above other modes of supply. Flow rates range from 3.5 L/min to 30 L/min and can support up to 75 flame detectors.

ChromGas ZAG generators maintain the series' trademark blend of a consistent stackable design and compact size. When combined with ChromGas Hydrogen, the system forms an innovative, modular FID gas station suitable for all known GC combustion detectors such as Flame Ionization Detection (FID), Flame Photometric Detector (FPD) and Nitrogen-Phosphorus Detector (NPD). Its state-of-the-art control system, featuring a spacious user interface panel, elevates both user-friendliness and performance monitoring convenience.

ChromGas ZAG generators have other applications in chemical analysis and life science, serving as LC/MS source gas, combustion gas for total hydrocarbon analyzers, and calibration/dilution gas for gas sensing.



Product Features:

- **Ultra high-purity, organic free, air for GC combustion detectors**
- **Increase resolution and detection limits of analysis**
- **Compact, reliable with minimal operator attention and maintenance**
- **Eliminate inconvenient and potentially dangerous air cylinders**
- **Payback period typically less than 24 months**
- **Models available to supply up to 75 FIDs**
- **Stackable with other ChromGas products**
- **Meets CSA, UL, CE and UKCA**



ENGINEERING YOUR SUCCESS.

Product Selection

Model	Flow Rate	Organic Impurity	Air Inlet @ 40-125 psi g (2.8-8.6 bar g)	Delivery Pressure		Integral Compressor
	L/min	ppm	L/min	bar g	psi g	
ZAG-3.5L	3.5	<0.05	3.5	2.8-8.6	40-125	NO
ZAG-7L	7	<0.05	7.0	2.8-8.6	40-125	NO
ZAG-18L	18	<0.05	18.0	2.8-8.6	40-125	NO
ZAG-30L	30	<0.1	30	2.8-8.6	40-125	NO

Technical Data

Ambient Temperature Range	60 - 100°F (16 - 38°C)
Inlet Air Quality	Clean dry compressed air ISO8573-1:2001 Class 3.2.1
Supply Voltage Range*	100-230V 50/60 Hz
Port Connections	¼" NPT (female)

*Main supply voltage fluctuations must be within ±10% of the nominal main supply voltage.

Weights and Dimensions

Model	Height (H)		Width (W)		Depth (D)		Weight	
	mm	in	mm	in	mm	in	kg	lb
ZAG-3.5L	437	17.2	343	13.5	407	16	14.2	31.3
ZAG-7L	437	17.2	343	13.5	407	16	14.2	31.3
ZAG-18L	437	17.2	343	13.5	407	16	14.2	31.3
ZAG-30L	437	17.2	343	13.5	407	16	15.2	33.5

Preventative Maintenance

Preventative Maintenance Kit	Part Number	Kit Contents
12 month kit	MKZAG-12M	Replacement filter elements
36 month kit	MKZAG-36M	Replacement filter elements, Replacement catalyst module

Optional Extras

Description	Part Number	Required for
Installation kit	IK76803	Suitable for all zero air generators

