

Cometa Scientific zero air generators produce a continuous flow of clean, dry air with an ultra low residual methane content of less than 0.1 ppm from an existing compressed air supply.

An interchangeable top panel allows for direct mounting of a Cometa Scientific UHP hydrogen generator.

The generators can be used to supply zero air to the following applications:

- \* GC - FID, FPD, NPD
- \* LC / MS
- \* THA
- \* Gas Sensing

### Features and Benefits

- High performance catalyst
- OIL-X EVOLUTION pre-and after filtration
- Compact, modular design for easy mounting of a Cometa Scientific UHP hydrogen generator
- Simple operation
- Digital temperature display
- Minimal maintenance
- CE, UL and CRN approved



### Benefits

#### Gas quality assured

- Catalyst air temperature monitoring and display gives reliable indication of gas purity. High performance OIL-X EVOLUTION filtration effectively removes contamination

#### Improved instrument performance

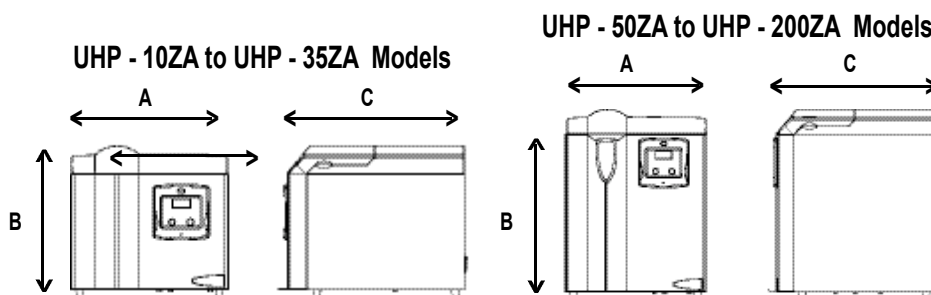
- Guaranteed consistent purity reduces baseline noise and improves stability

#### Maximised uptime, maximised productivity

- No cylinder changes mean no interruptions to analyses and no instrument re-calibration. Cleaner air reduces frequency of instrument cleaning

#### Economy

- Quick return on investment typically 12 months. No cylinder rental charges and no price inflation



### Technical Specifications

Models	Flowrate L / min	Purity % O <sub>2</sub>	Connections BSP		Voltage Vac	Dimensions mm			Weight Kg
			Air Outlet	Gas Outlet		A	B	C	
C/G/UHP10ZA	1.0	<0.1 ppm	1/8"	1/8"	115 / 230	342	325	400	10.8
C/G/UHP35ZA	3.5	<0.1 ppm	Swagelok 1/8"	Swagelok 1/8"	115 / 230	342	325	400	10.8
C/G/UHP50ZA	5.0	<0.1 ppm	Swagelok 1/8"	Swagelok 1/8"	115 / 230	342	455	400	16.1
C/G/UHP75ZA	7.5	<0.1 ppm	Swagelok 1/8"	Swagelok 1/8"	115 / 230	342	455	400	16.1
C/G/UHP150ZA	15.0	<0.1 ppm	Swagelok 1/8"	Swagelok 1/8"	115 / 230	342	455	400	16.1
C/G/UHP200ZA	20.0	<0.1 ppm	Swagelok 1/8"	Swagelok 1/8"	115 / 230	342	455	400	16.1