

GC Series

Product Summary



Compact Particulate, Chemical and Odour Control

The GC Series offers the world's most effective compact room air purifiers for the control of gaseous chemicals. Just like a professional gas mask, the GC Series models rely on an interchangeable cartridge design for optimised gaseous pollutant control. And while molecular control is a particular strength of these systems, the GC Series also offers excellent filtration efficiency for particles.

Thanks to a selection of granular and pelletised media cartridges, the IQAir GC models are able to meet almost any gas phase removal need in residential or light commercial environments. Currently there are four specialised gas phase media configurations available:

- **GC VOC**
(for control of volatile organic compounds, solvents, etc.)
- **GC MultiGas**
(for control of wide range of gaseous organic and inorganic chemicals)
- **GC Chemisorber**
(for control of formaldehyde, hydrogen sulfide, sulfur dioxide, etc.)
- **GC AM**
(for control of ammonia and amines)

For applications with higher concentrations or where longer filter life is desired, the larger [GCX Series units](#) should be considered.

Applications

	GC VOC	GC MultiGas	GC Chemisorber	GC AM
VOCs	★★★	★★	★	★
Formaldehyde	★	★★	★★★★	–
Ammonia	★	★	★	★★★★
Ozone	★★★★	★★★★	★★★★	★★★★
Particles	★★★★	★★★★	★★★★	★★★★



1. **Micro- and Nano-particle Filtration (HEPA)**

Eliminates micro- and nano-particles such as allergens, smoke, bacteria and viruses. This thorough particle pre-filtration is essential for extending the life of the gas phase control media by preventing its pores from clogging with particulates.

2. **Specialised Cartridge-based Molecular Control (GC Cartridges)**

Four filter cartridges hold up to 7.8 kg (17 lbs.) of granular and/or pellet-shaped gas phase control media. The cylindrical shape of the cartridges allows for optimum contact, which ensure high removal efficiencies. The large surface area of the cartridges enables high airflow rates.

3. **Micro-charged Filtration (Post Filter Sleeves)**

Eliminates activated carbon and chemisorption abrasion particles through a statically charged fibre structure