



## The GC-MultiGas

World leader in the removal of Airborne Chemicals and Odours

### Product Summary

The GC MultiGas has been customised for wide spectrum molecular and particulate contaminant control. Just like a professional gas mask, the GC MultiGas maximizes molecular filtration for a wide variety of gaseous chemicals and odours with its advanced filter cartridge design. And while gas and odour control is the particular strength of this model, the GC MultiGas also offers excellent filtration for particles.

The GC MultiGas is our bestseller for individuals with multiple chemical sensitivity (MCS).

### Chemicals & Odours

Chemical compounds and odours will be found in almost every home and office and can cause annoyance, discomfort and more serious acute and chronic health problems. Here are just some of the sources:

- \* offgassing of new carpets
- \* gas stoves
- \* cleaning supplies
- \* house paints
- \* pesticides and wood preservatives
- \* vehicle exhaust fumes
- \* new building materials and furnishings
- \* toxic chemicals used in art, photography, printing, etc.
- \* formaldehyde in new clothes, books, etc
- \* carbonless paper, inks, copying /laser machines
- \* tobacco smoke

### IQ AIR GC MULTIGAS - IDEAL FOR:

#### Odour control

Pets  
Musty smells  
Cooking odours  
Paint odours

#### Molecular control

Volatile Organic Compounds (VOCs)  
Formaldehyde

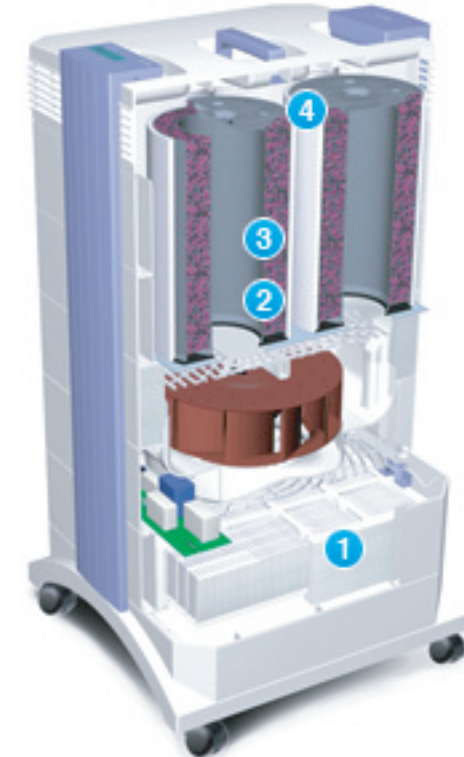
#### Allergen control

Mould spores  
Pet dander (cat, dog, etc.)  
House dust mite allergens  
Pollens

#### Complex air pollution issues

General indoor air pollution  
Tobacco smoke  
Wild-fire smoke and haze  
Smog and industrial pollution

### GC MULTIGAS FILTER TECHNOLOGY



#### 1. Micro- and nano-particle filtration

Eliminates micro- and nano-particles such as allergens, smoke, bacteria and viruses.

#### 2. Cartridge-based activated carbon adsorption

Eliminates volatile organic compounds (VOCs), which are responsible for odours.

#### 3. Cartridge-based chemisorption

Destroys harmful chemicals, such as formaldehyde, by an oxidation process inside a chemically active alumina pellet.

#### 4. Micro-charged filtration

Eliminates fine dust and particles through a charged fiber structure.



**AVAILABLE IN AUSTRALIA:**  
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# Technical Specifications: IQAir® GC MultiGas™

| Specifications                                 |   |
|--|---|
| <b>Air delivery per fan speed ( in m³/h )*</b> | 1:40 2:85 3:150 4:210 5:260 6:360   |
| <b>Weight (incl. filters)</b>                  | ca. 20 kg   |
| <b>Power requirements</b>                      | 220-240 V / 50-60 Hz  |
| <b>Energy consumption</b>                      | ca. 20 - 160 W  |
| <b>Dimensions (H x W x D)</b>                  | 71 x 38 x 41 cm   |
| <b>Fan motor</b>                               | centrifugal, backward curved, with thermal protector, non-stop use approved |
| <b>Control panel</b>                           | 4-key touch-pad with 16 character 2-line LCD display                        |
| <b>Air intake</b>                              | dual arches at base of unit   |
| <b>Air outlet</b>                              | 320° EvenFlow™ diffuser   |
| <b>Colour of main housing / locking arms</b>   | light grey / light blue   |
| <b>Housing material</b>                        | non-offgasing, impact-resistant, UV-stabilized ABS                          |

| Performance                                |                                       |
|--|---------------------------------------|
| <b>Total system efficiency (certified)</b> | ≥ 99% for particles ≥ 0.3 micron (µm) |
| <b>Air delivery (certified)</b>            | yes                                   |
| <b>Leak tested</b>                         | yes                                   |

| Filter Configuration          |  |
|-------------------------------|--|
| <b>Pre-filter</b>             | <p><b>Type:</b> high-efficiency HEPA fine dust pre-filter</p> <p><b>Purpose:</b> control of coarse and fine dust particles; protection of subsequent filters</p> <p><b>Media type:</b> HEPA class H11; mini-pleat with solvent-free separators</p> <p><b>Surface area:</b> 2.8 m²</p>                    |
| <b>Gas &amp; odour filter</b> | <p><b>Type:</b> 4 gas &amp; odour control filter cartridges (GC-technology)</p> <p><b>Purpose:</b> filtration of a wide spectrum of chemical substances and odours</p> <p><b>Media type:</b> granular activated carbon &amp; impregnated alumina pellets (MultiGas™)</p> <p><b>Weight</b> ca. 5.4 kg</p> |
| <b>Post-filter</b>            | <p><b>Type:</b> 4 post-filter sleeves</p> <p><b>Purpose:</b> fine dust post-filtration</p> <p><b>Media type:</b> electrostatically charged fiber</p> <p><b>Surface area:</b> ca. 0.5 m²</p>  |

| Features  |   |
|---|---|
| <b>Multiple display languages</b>               | English, French, German, Italian (user-selectable)                                    |
| <b>User selectable fan speed settings</b>       | 6   |
| <b>Intelligent filter life monitor</b>          | yes (monitors filter life of each individual filter)                                  |
| <b>Filter life status LEDs</b>                  | 3   |
| <b>Advanced timer</b>                           | yes (allows programming of operating hours and weekdays)                              |
| <b>Advanced fan speed selection</b>             | yes (allows programming of different fan speeds for 2 different time periods)         |
| <b>Adjustable filter load indices</b>           | 3 (large dust, chemicals and fine dust)   |
| <b>Supplied accessories</b>                     | Remote control (including batteries), set of casters, power cable                     |
| <b>Electrical safety approved and certified</b> | IEC/IECEE (CB-Scheme), CE, SEV, KTL ,PCBC, EZU (depending on electrical requirements) |

All technical specifications are subject to change without prior notice.

\* measured at 230V/50Hz; tolerance ± 10% (± 10 m³/h)