

IQAir® GC Series

Professional Control of Gaseous Pollutants and Odors

Never before has gaseous contaminant control been more compact, versatile and affordable.

A range of specialized gas phase filter cartridges allows customized control of almost any gaseous pollutant or odor problem.

With up to 17 lbs. (7.7 kg) of specially formulated gas phase filter media, IQAir GC units are perfectly suited to take control of gaseous contaminants in residential, commercial or medical environments.



Professional Control of Gaseous Contaminants and Odors

The IQAir GC series is a specialized line of advanced air cleaning devices that meets almost any gas phase removal need in residential, commercial or medical environments. Since different gaseous contaminants can only be effectively removed with specialized gas phase media, the IQAir GC series is available in five gas phase media configurations: VOC, Chemisorber, MultiGas, AM and Hg.

Gas Cartridge Technology

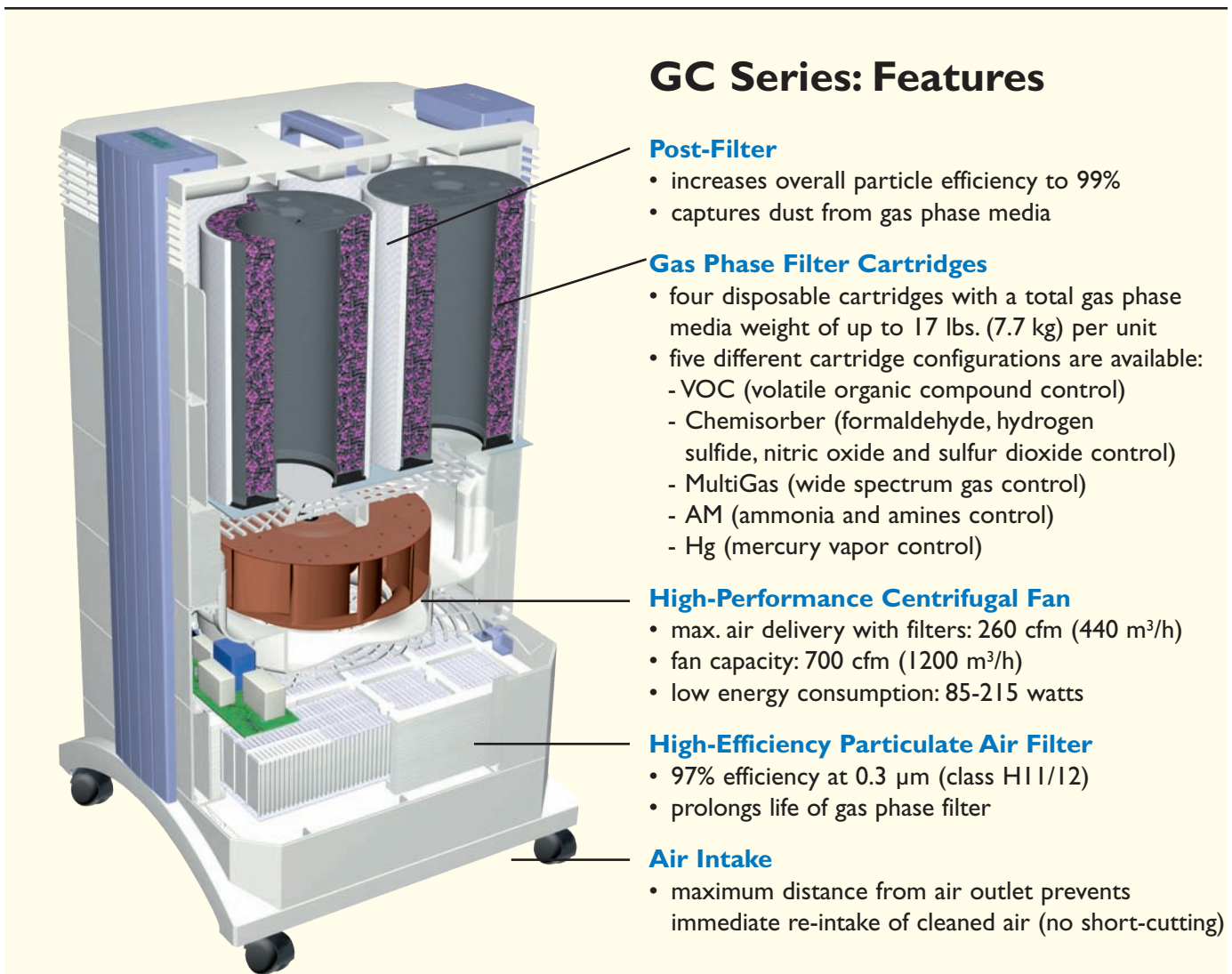
The IQAir GC series uses four filter cartridges to hold up to 17 lbs. (7.7 kg) of gas phase media. The cylindrical shape of these cartridges allows for optimum contact between the air and the gas phase media, while offering low air flow restriction. The cartridges are very user friendly and can be replaced in a matter of minutes.

High-Efficiency Particulate Filtration

The GC gaseous filtration process is complemented by two particle filtration stages, one before and one after the gas phase cartridges. This increases the service life of the gas phase media by preventing its pores from clogging. It also results in a total system filtration efficiency for particles of 99% at 0.3 μm .

Advanced Controls

The IQAir control panel allows you to select from six fan speed settings. A two-line LCD displays the corresponding air delivery rate at each speed setting. A sophisticated filter life monitoring system calculates the remaining life of each individual filter. An integrated timer allows to program the unit for automatic operation. For added convenience, the GC units also come with a remote control.



GC Series: Features

Post-Filter

- increases overall particle efficiency to 99%
- captures dust from gas phase media

Gas Phase Filter Cartridges

- four disposable cartridges with a total gas phase media weight of up to 17 lbs. (7.7 kg) per unit
- five different cartridge configurations are available:
 - VOC (volatile organic compound control)
 - Chemisorber (formaldehyde, hydrogen sulfide, nitric oxide and sulfur dioxide control)
 - MultiGas (wide spectrum gas control)
 - AM (ammonia and amines control)
 - Hg (mercury vapor control)

High-Performance Centrifugal Fan

- max. air delivery with filters: 260 cfm (440 m^3/h)
- fan capacity: 700 cfm (1200 m^3/h)
- low energy consumption: 85-215 watts

High-Efficiency Particulate Air Filter

- 97% efficiency at 0.3 μm (class H11/12)
- prolongs life of gas phase filter

Air Intake

- maximum distance from air outlet prevents immediate re-intake of cleaned air (no short-cutting)