

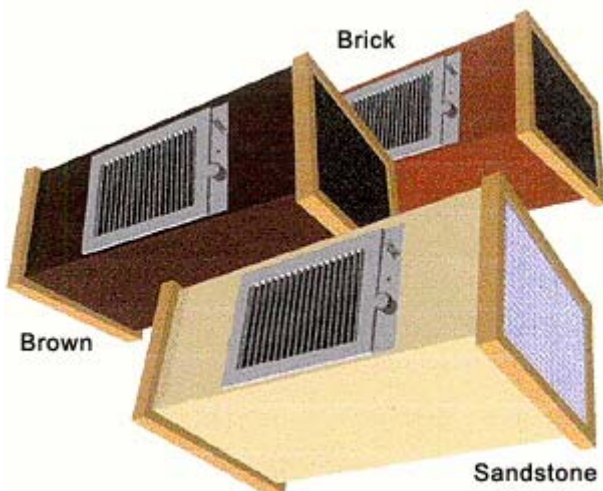
Cameron Carbon

INCORPORATED

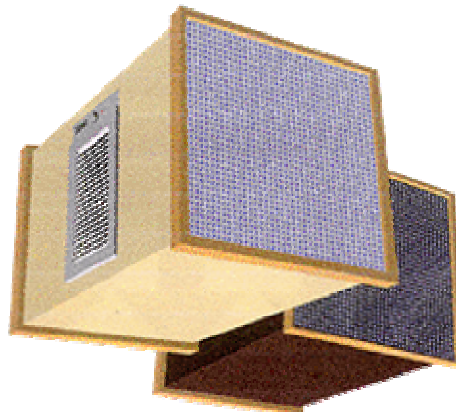
Activated Carbon
& Related Technology

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Cascade Air Purifiers



Model 600-D



Model 1200-D

COMMERCIAL & RESIDENTIAL APPLICATIONS

Offices Waiting Rooms Laboratories Studios Bedrooms Motor Homes

Cascade Air Purifiers are designed to control indoor air pollution problems such as tobacco smoke, allergy-causing pollen and mold spores, common house dust and a variety of commercial and industrial contaminants. They are available in three series, **250**, **600**, and **1200**, which cover air treatment applications from personal and residential to commercial and industrial. Individual purifiers in the Cascade family service areas from 80 to 1,000 square feet.

All models share the common features of:

"Media-type" filtration - no snapping and popping, no ozone generation, easy care maintenance, plus clean and safe disposability.

Versatile features - dual intake models, variable speed blowers, fully adjustable diffusers, several mounting options, and optional filters available to meet most indoor air quality problems.

Attractive design - Genuine oak and brushed aluminum trim, contemporary color choice.

Certification - Certified to meet **UL Standard 507** and **CSA C22.2 No. 113**.

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Cascade Air Purifiers

Three-Stage Filtration

Cascade Air Purifiers utilize a three-stage filtration sequence. The first two stages mechanically collect particulate matter such as dust and smoke particles. The third stage chemically adsorbs fumes and gases from the air.

Polyester Pad / Pre-filter

The polyester pad pre-filter is the first stage filtration sequence and is used to collect large particulate matter. It is an economic filter that is changed more frequently than the second and third stage filters. Its function is to prolong the life of both the higher efficiency particulate filter and the activated carbon vapor filter.

HEPA Type Microfiber/Particulate Filter

The second stage particulate filter used in Cascade Air Purifiers consist of a large surface area of microfiber media which is pleated into a compact volume. The standard particulate filter, which is supplied with the purifier, efficiently collects sub-micron particles associated with tobacco smoke, smog, bacteria, mold spores, pollen, house dust and many commercial and industrial processes and is well suited for most applications. The efficiency of these filters increases throughout their life-time. Other versions are available for special stage two requirements.

Activated Carbon / Vapor Filter

Activated Carbon, used in Cascade's third filter stage, is a remarkable material that adsorbs many gaseous chemicals. Carbon is "activated" by being superheated under special conditions that drive out impurities. The activated carbon then attracts, condenses and stores gases from the air - up to as much as 65% of its own weight. One function of this filter is to remove the odor and harmful effects from the vapors of tobacco smoke, pets and humans, cooking, urban pollution as well as various commercial and industrial processes. Another equally important function is to adsorb the off-gases from the accumulation of particulate matter collected in the first and second stage filters. Other vapor media is available for specialized applications.

Model	High (in)	Deep (in)	Wide (in)	Flow (CFM)	Ship Wt. (lb)
C-250D	8.3	26	14.8	80 — 135	25
C-600D	12.6	33	18.8	230 — 430	28
C-1200D	20.7	33	20.7	650 — 1,000	35

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