



# Side Access Housing

*For new construction, retrofitting or renovation*



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## Carbon Filter Housings

- Select from variety of adsorbents
  - Activated Carbon
  - Potassium Permanganate
  - 50/50 Blend
- 16 gauge aluminized steel construction

### Completely Factory Assembled - Reduces Installation Cost

Airguard carbon housings are constructed as a rugged one piece assembly for side service installations. Completely factory assembled, they are ready for installation in a minimum amount of time when received at the job site.

### Available with Pre-filters and/or final filters

34" Deep Housings - Equipped with a track to hold 2" or 4" pre-filters or final filters

39-1/8" Deep Housing - Equipped with two tracks to hold 2" or 4" pre-filters and final filters

### High-Capacity Operation

Airguard carbon housings are rated at 500 FPM operation, containing 90 pounds of carbon per 2000 CFM. The trays are 24x24x1 or 12x24x1 (nominal) with a black powder coated finish. Spent trays are refillable with fresh carbon.



## V-Bank Housings

### Aluminized Steel Extends Life, Enhances Appearance

Standard material of construction is 16 gauge aluminized steel selected to provide superior corrosion and heat resistance resulting in longer product life. Appearance is also enhanced compared to galvanized steel construction.

Aluminized steel conforms to ASTM Spec A463 and is used in products such as space heaters, mufflers and incinerators which are subject to extremely corrosive conditions.

The housings are supplied with two access doors, hinged at the rear of the unit for easy access to the filters. Each door is fully gasketed around the perimeter and at the ends of the filter tracks. Quick action, positive lock, over center draw latches are used to seal the doors. V-Bank housings are equipped with a 1-1/2" outer flange for easy connection to ductwork.

### Completely Factory Assembled - Reduces Installation Cost

Airguard V-Bank filter housings are constructed as a rugged one piece assembly for side service installations. Completely factory assembled, they are ready for installation in a minimum amount of time when received at the job site.

### V-Bank Design Doubles Rated Air Flow Capacity

Filters are installed in a V-Bank arrangement permitting double the air volume compared to flat bank housings with the same size opening. V-Bank housings are only 27-5/8" deep (2" filters) or 28-5/8" deep (4" filters).

### Designed for 3.0" W.G. Pressure - Positive or Negative

16 gauge steel with welded construction allows the standard units to operate at pressures up to 3.0" W.G. High pressure units for applications operating up to 10" W.G. are available. Contact factory for units operating in excess of 10" W.G.



## Two Stage Housings

- Gasketed doors and filter tracks
- Modular design - 6 depths
- Wide selection of pre-filters and final filters

### Factory Assembled, Ready for Installation

The Airguard unit is a completely factory assembled, side access housing available in sizes from 1' wide x 2' high up to 10' wide x 7' high in a single module.

**Select from Six Housing Depths** - 12", 14", 21", 26", 38" and 42" to accommodate 2" or 4" pre-filters and final filters from 4" to 36" deep.

### Corrosion Resistant 16 Gauge Aluminized Steel

All Airguard housings are constructed of 16 gauge aluminized steel for enhanced corrosion resistance and appearance compared to galvanized steel units.

### Rigid, Interlocking Construction

The housings are engineered for rigid assembly using interlocking, snap-fit components. The components are secured with torx head screws that are countersunk for a completely flush exterior.

### Extruded Aluminum Filter Tracks

The units are equipped with two extruded aluminum filter tracks. The final filter track is gasketed to seal the filters and prevent bypass. The tracks are designed with raised ribs to reduce friction when installing or removing the filters. Countersunk screws provide a smooth surface for easy installation without snagging.



## HEPA Lock Housings

### Aluminized Steel Extends Life, Enhances Appearance

Standard material of construction is 16 gauge aluminized steel selected to provide superior corrosion and heat resistance resulting in longer product life. Appearance is also enhanced compared to galvanized steel construction.

The housings are supplied with two bolt-on doors. The doors are pin type and crossbroke to withstand positive or negative pressure. They are fully gasketed with a closed cell neoprene gasket for an air tight seal. The doors are removable with easy turn hand knobs. HEPA Lock housings are equipped with a 1-1/2" outer flange for easy field connection to ductwork.

### Air Tight Sealing Mechanism Prevents Bypass

The locking mechanism is operated by overcenter type clamps which force the filters against the channel grid system on the downstream side of the unit. The spring loaded mechanism maintains a positive pressure of 600 foot-pounds per filter. Standard units are designed for up to 5" W.G. pressure, positive or negative.

### Minimum Depth Saves in Line Space

Overall depth is only 26" in direction of air flow with no upstream or downstream access required. The housings accommodate 5-7/8" or 11 1/2" deep HEPA filters with a downstream gasket. The units are equipped with a track to hold 2" or 4" pre-filters.

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## Flat Bank Housings

### Aluminized Steel Extends Life, Enhances Appearance

Standard material of construction is 16 gauge aluminized steel selected to provide superior corrosion and heat resistance resulting in longer product life. Appearance is also enhanced compared to galvanized steel construction.

Aluminized steel conforms to ASTM Spec A463 and is used in products such as space heaters, mufflers and incinerators which are subject to extremely corrosive conditions.

All units are supplied with two access doors, hinged at the rear of the housing for easy access to the filters. Each door is fully gasketed around the perimeter and at the ends of the tracks. Quick action, positive lock over center draw latches are used to seal the doors.

Flat bank housings are equipped with a 1-1/2" outer flange for easy connection to ductwork.

### Completely Factory Assembled - Reduces Installation Cost

Airguard Flat Bank housings are constructed as a rugged one piece assembly with two side service doors. Completely factory assembled, they are ready for installation when received at the job site.

### Minimum Depth Saves In Line Space

Two styles of slim line housings are available:

- 5-3/16" Flat Bank Units - Hold 2" deep panel type filters. 5-3/16" overall depth
- 7-3/16" Flat Bank Units - Hold 4" deep panel type filters. 7-3/16" overall depth

The filters are installed in 2" and 4" wide tracks through side access doors.

### Designed for 3.0" W.G. Pressure - Positive or Negative

16 gauge steel with welded construction allows the standard units to operate at pressures up to 3.0" W.G. High pressure units for applications operating up to 10" W.G. are available. Contact factory for units operating in excess of 10" W.G.



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