



*Innovative
Clean Air
Solutions*

V-Bank Side Access Filter Housing

Single Stage



- Holds 2" or 4" deep filters
- Factory assembled
- 16 gauge aluminized steel

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.

Options

- Weatherproof units for outside installations consist of a pitched roof, rain guards over the doors and caulking of all seams.
- Double skin insulation
- Flange adaptors to match up with air handlers (Specify manufacturer)

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.

- High pressure design (10" W.G) (Specify positive or negative).
- Static taps
- Support legs
- Hanger Brackets

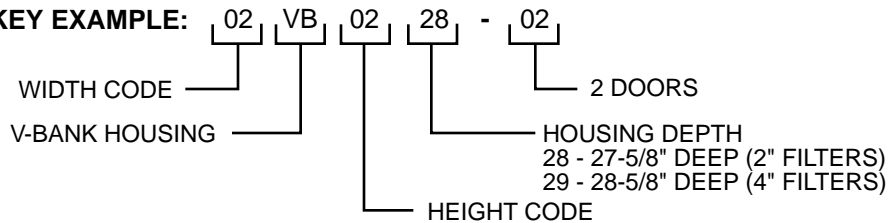
V-Bank Side Access Filter Housings

DIMENSIONS, CAPACITIES and FILTERS

| HT. CODE | OVERALL HEIGHT | | WIDTH CODE | | | | | | | | | |
|----------|----------------|----------------------------|---------------|---------|--------|--------|---------|---------|--------|--------|----------|----------|
| | | | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
| | | | OVERALL WIDTH | | | | | | | | | |
| | | | 11-1/2" | 23-1/2" | 35" | 47" | 58-1/2" | 70-1/2" | 82" | 94" | 105-1/2" | 117-1/2" |
| 07 | 85-3/4" | FILTER FACE AREA (SQ. FT.) | | 28 | 42 | 56 | 70 | 84 | 98 | 112 | 126 | 140 |
| | | RATED CAPACITY @ 500 FPM | | 14000 | 21000 | 28000 | 35000 | 42000 | 49000 | 56000 | 63000 | 70000 |
| | | NO. FILTERS* | | 7F 7H | 7F 14F | 7H 14F | 21F 7H | 21F 7H | 28F 7H | 28F 7H | 35F | |
| 06 | 74-1/16" | FILTER FACE AREA (SQ. FT.) | 12 | 24 | 36 | 48 | 60 | 72 | 84 | 96 | 108 | 120 |
| | | RATED CAPACITY @ 500 FPM | 6000 | 12000 | 18000 | 24000 | 30000 | 36000 | 42000 | 48000 | 54000 | 60000 |
| | | NO. FILTERS* | 6H | 6F 6H | 6F 12F | 6H 12F | 18F 6H | 18F 6H | 24F 6H | 24F 6H | 30F | |
| 05 | 62-1/16" | FILTER FACE AREA (SQ. FT.) | | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| | | RATED CAPACITY @ 500 FPM | | 10000 | 15000 | 20000 | 25000 | 30000 | 35000 | 40000 | 45000 | 50000 |
| | | NO. FILTERS* | | 5F 5H | 5F 10F | 5H 10F | 15F 5H | 15F 5H | 20F 5H | 20F 5H | 25F | |
| 04 | 50-3/8" | FILTER FACE AREA (SQ. FT.) | 8 | 16 | 24 | 32 | 40 | 48 | 56 | 64 | 72 | 80 |
| | | RATED CAPACITY @ 500 FPM | 4000 | 8000 | 12000 | 16000 | 20000 | 24000 | 28000 | 32000 | 36000 | 40000 |
| | | NO. FILTERS* | 4H | 4F 4H | 4F 8F | 4H 8F | 12F 4H | 12F 4H | 16F 4H | 16F 4H | 20F | |
| 03 | 38-3/8" | FILTER FACE AREA (SQ. FT.) | | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 |
| | | RATED CAPACITY @ 500 FPM | | 6000 | 9000 | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 |
| | | NO. FILTERS* | | 3F 3H | 3F 6F | 3H 6F | 9F 3H | 9F 3H | 12F 3H | 12F 3H | 15F | |
| 02 | 26-11/16" | FILTER FACE AREA (SQ. FT.) | 4 | 8 | 12 | 16 | 20 | 24 | 28 | 32 | 36 | 40 |
| | | RATED CAPACITY @ 500 FPM | 2000 | 4000 | 6000 | 8000 | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 |
| | | NO. FILTERS* | 2H | 2F 2H | 2F 4F | 2H 4F | 6F 2H | 6F 2H | 8F 2H | 8F 2H | 10F | |
| 01 | 14-11/16" | FILTER FACE AREA (SQ. FT.) | | 4 | | 8 | | 12 | | 16 | | 20 |
| | | RATED CAPACITY @ 500 FPM | | 2000 | | 4000 | | 6000 | | 8000 | | 10000 |
| | | NO. FILTERS* | | 1F | | 2F | | 3F | | 4F | | 5F |

*FILTER QUANTITY PER HOUSING H = HALF SIZE (11-3/8" x 23-3/8") F = FULL SIZE (23-3/8" x 23-3/8")

MODEL NO. KEY EXAMPLE:



APPROXIMATE SHIPPING WEIGHTS (27-5/8" / 28-5/8" Deep)

| HEIGHT CODE | UNIT WIDTH | | | | | | | | | |
|-------------|------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 10 |
| 07 | | 240/252 | 280/294 | 325/341 | 360/378 | 385/404 | 425/446 | 475/499 | 510/536 | 530/557 |
| 06 | 195/205 | 220/231 | 250/263 | 290/305 | 325/341 | 345/362 | 380/399 | 425/446 | 460/483 | 490/515 |
| 05 | | 195/205 | 230/242 | 270/284 | 300/315 | 325/341 | 360/378 | 400/420 | 430/452 | 455/478 |
| 04 | 140/147 | 160/168 | 200/210 | 230/242 | 265/278 | 280/294 | 315/331 | 335/352 | 370/389 | 405/425 |
| 03 | | 140/147 | 175/184 | 210/221 | 240/252 | 260/273 | 290/305 | 325/341 | 350/368 | 375/394 |
| 02 | 100/105 | 110/116 | 145/152 | 170/179 | 200/210 | 220/231 | 250/263 | 280/294 | 300/315 | 325/341 |
| 01 | | 100/105 | | 145/152 | | 195/205 | | 250/263 | | 300/315 |

WEIGHTS DO NOT INCLUDE FILTERS.



AIRGUARD

P.O. BOX 32578, LOUISVILLE, KENTUCKY 40232-2578
(502) 969-2304 FAX (502) 961-0930

Visit our Web Site - www.airguard.com
E-Mail Address - mailbag@airguard.com

Airguard has a policy of continuous product research and development and reserves the right to change design and specifications without notice.

Distributed by: