



# V-Bank Side Access Filter Housing

*Single Stage*

## 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.



- Holds 2" or 4" deep filters
- Factory Assembled
- 16 Gauge aluminized steel

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

# V-Bank

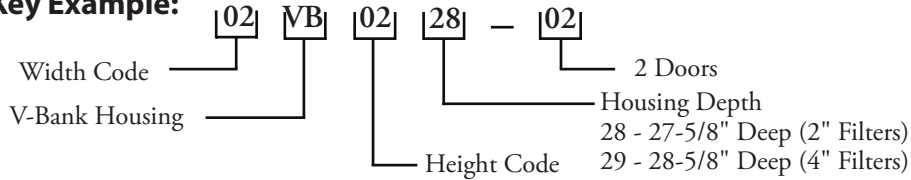
Side Access Filter Housing, Single Stage

## 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.) Rated Capacity @ 500 FPM No. Filters*		28 14000 7F	42 21000 7H 7F	56 28000 14F	70 35000 7H 14F	84 42000 21F	98 49000 7H 21F	112 56000 28F	126 63000 7H 28F	140 70000 35F
06	74-1/16"	Filter Face Area (SQ.FT.) Rated Capacity @ 500 FPM No. Filters*	12 6000 6H	24 12000 6F	36 18000 6H 6F	48 24000 12F	60 30000 6H 12F	72 36000 18F	84 42000 6H 18F	96 48000 24F	108 54000 6H 24F	120 60000 30F
05	62-1/16"	Filter Face Area (SQ.FT.) Rated Capacity @ 500 FPM No. Filters*		20 10000 5F	30 15000 5H 5F	40 20000 10F	50 25000 5H 10F	60 30000 15F	70 35000 5H 15F	80 40000 20F	90 45000 5H 20F	100 50000 25F
04	50-3/8"	Filter Face Area (SQ.FT.) Rated Capacity @ 500 FPM No. Filters*	8 4000 4H	16 8000 4F	24 12000 4H 4F	32 16000 8F	40 20000 4H 8F	48 24000 12F	56 28000 4H 12F	64 32000 16F	72 36000 4H 16F	80 40000 20F
03	38-3/8"	Filter Face Area (SQ.FT.) Rated Capacity @ 500 FPM No. Filters*		12 6000 3F	18 9000 3H 3F	24 12000 6F	30 15000 3H 6F	36 18000 9F	42 21000 3H 9F	48 24000 12F	54 27000 3H 12F	60 30000 15F
02	26-11/16"	Filter Face Area (SQ.FT.) Rated Capacity @ 500 FPM No. Filters*	4 2000 2H	8 4000 2F	12 6000 2H 2F	16 8000 4F	20 10000 2H 4F	24 12000 6F	28 14000 2H 6F	32 16000 8F	36 18000 2H 8F	40 20000 10F
01	14-11/16"	Filter Face Area (SQ.FT.) Rated Capacity @ 500 FPM No. Filters*		4 2000 1F		8 4000 2F		12 6000 3F		16 8000 4F		20 10000 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

A-VBANK-208



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