



# HEPA Lock Side Access Filter Housing

*For Applications requiring HEPA filtration*

## **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" deep HEPA filters with a downstream gasket. The units are equipped with a track to hold 2" or 4" prefilters.

## **Completely Factory Assembled - Reduces Installation Cost**

Airguard HEPA Lock 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.



## **Modular Design Offers Sizing Flexibility**

HEPA Lock units range in size from one foot wide by two feet high up to eight feet wide by six feet high. Larger sizes for higher air volumes may be assembled by stacking or butting units together in the field.

## **Options**

- Materials of construction include aluminum, stainless steel, epoxy coated.
- Weatherproof units for outside installations consist of a pitched roof, rain guards over the doors and caulking of all seams.
- Flange adaptors to match up with air handlers (Specify Manufacturer).
- Double skin insulation.
- High pressure design (10" W.G.) (Specify positive or negative).
- Static taps
- Support legs
- Hanger brackets.

# HEPA Lock

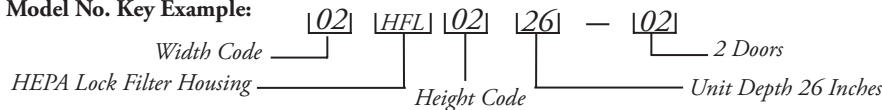
## Side Access Filter Housings

HT. CODE	Overall Height		Width Code							
			01	02	03	04	05	06	07	08
			Overall Width							
			14-7/8"	26-7/8"	38-7/8"	50-7/8"	62-7/8"	74-7/8"	86-7/8"	98-7/8"
06	75-7/8"	Filter Face Area (Sq.Ft.) Rated Capacity @ 250 FPM No. Filters*	6 1500 3H	12 3000 3F	18 4500 3H 3F	24 6000 6F	30 7500 3H 6F	36 9000 9F	42 10500 3H 9F	48 12000 12F
05	63-7/8"	Filter Face Area (Sq.Ft.) Rated Capacity @ 250 FPM No. Filters*		10 2500 1H 2F	14 3500 3H ■ 2F	20 5000 2H 4F	24 6000 4H ■ 4F	30 7500 3H 6F	34 8500 5H ■ 6F	40 10000 3H 3F
04	51-1/2"	Filter Face Area (Sq.Ft.) Rated Capacity @ 250 FPM No. Filters*	4 1000 2H	8 2000 2F	12 3000 2F 2H	16 4000 4F	20 5000 2H 4F	24 6000 6F	28 7000 2H 6F	32 8000 8F
03	39-1/2"	Filter Face Area (Sq.Ft.) Rated Capacity @ 250 FPM No. Filters*		6 1500 1H 1F	8 2000 2H ■ 1F	12 3000 2H 2F	14 3500 3H ■ 2F	18 4500 3H 3F	20 5000 4H ■ 3F	24 6000 4H 4F
02	27-3/16"	Filter Face Area (Sq.Ft.) Rated Capacity @ 250 FPM No. Filters*	2 500 1H	4 1000 1F	6 1500 1H 1F	8 2000 2F	10 2500 1H 2F	12 3000 3F	14 3500 1H 3F	16 4000 4F
01	15-3/16"	Filter Face Area (Sq.Ft.) Rated Capacity @ 250 FPM No. Filters*		2 500 1H		4 1000 2H		6 1500 3H		8 2000 4H

(1) Rated capabilities are shown for 11-1/2" deep filters operating at 250 FPM. For 5-7/8" deep filters operating at 125 FPM, divide capacities in half.

• Filter quantity per housing H = Half Size (24 x 12) F = Full Size (24 x 24) ■ = (12 x 12) Blank-Off Panel

Model No. Key Example:



### Approximate Shipping Weight

Height Code	Unit Width							
	01	02	03	04	05	06	07	08
06		255	355	390	500	560	630	665
05		235	340	370	475	510	610	640
04		190	260	285	360	385	450	475
03		170	240	265	340	365	435	460
02		115	160	175	220	235	280	295
01		100		160		220		275

Weights do not include filters.



www.airguard.com



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