

## HVAC

## FASeal™ Frame

## Product Overview

- Unique design that makes filter installation quick and simple — no separate clips required
- Stainless spring steel compression catches won't rust and are permanently attached
- Pre-drilled frame-to-frame installation holes allow fast and secure built-up filter bank assemblies
- Designed for modular HVAC filter banks in applications such as commercial buildings, educational facilities, food, beverage, and industrial processing plants
- Frames available in 18-gauge stainless steel and 16-gauge galvanized steel
- Supports any of the following configurations: single header filter (such as Varicel® VXL, Varicel® M-Pak or Varicel® 2+) alone; single header filter in combination with a 1", 2", or 4" prefilter (such as MEGApleat®, PerfectPleat®, or PREpleat® LPD); 1", 2" or 4" filter alone



## Product Information

| Part Number                                                                        | Nominal Size Inches<br>(W x H x D) | Std. Pkg. Qty. | Shipping Wt. Lbs. per Box<br>(± 10%) | Cubic Ft. |
|------------------------------------------------------------------------------------|------------------------------------|----------------|--------------------------------------|-----------|
| <b>Stainless Steel Frames with Gaskets</b>                                         |                                    |                |                                      |           |
| 3109372-002                                                                        | 12 x 24 x 3                        | 1              | 5.8                                  | 0.5       |
| 3109372-004                                                                        | 16 x 20 x 3                        | 1              | 5.8                                  | 0.6       |
| 3109372-005                                                                        | 16 x 25 x 3                        | 1              | 6.5                                  | 0.7       |
| 3109372-006                                                                        | 20 x 20 x 3                        | 1              | 6.3                                  | 0.7       |
| 3109372-003                                                                        | 20 x 24 x 3                        | 1              | 6.8                                  | 0.8       |
| 3109372-007                                                                        | 20 x 25 x 3                        | 1              | 6.9                                  | 0.9       |
| 3109372-001                                                                        | 24 x 24 x 3                        | 1              | 7.3                                  | 1.0       |
| <b>Galvanized Steel Frames with Gaskets (Latches – 304 Stainless Spring Steel)</b> |                                    |                |                                      |           |
| 3109372-009                                                                        | 12 x 24 x 3                        | 1              | 5.3                                  | 0.5       |
| 3109372-011                                                                        | 16 x 20 x 3                        | 1              | 5.3                                  | 0.6       |
| 3109372-012                                                                        | 16 x 25 x 3                        | 1              | 6.0                                  | 0.7       |
| 3109372-013                                                                        | 20 x 20 x 3                        | 1              | 5.8                                  | 0.7       |
| 3109372-010                                                                        | 20 x 24 x 3                        | 1              | 6.3                                  | 0.8       |
| 3109372-014                                                                        | 20 x 25 x 3                        | 1              | 6.4                                  | 0.9       |
| 3109372-008                                                                        | 24 x 24 x 3                        | 1              | 6.8                                  | 1.0       |

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PREpleat® is a registered trademark of Flanders Corporation in the U.S.

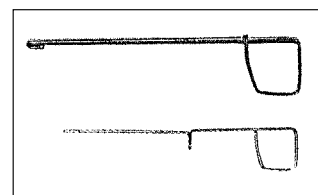
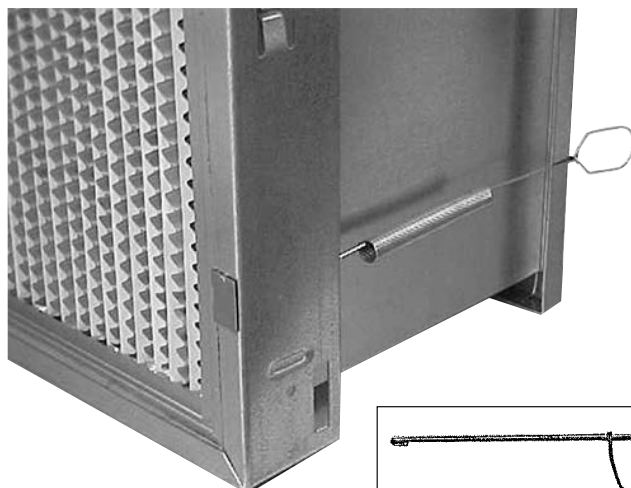
AmerSeal® is a registered trademark of AAF International in the U.S.

## HVAC

## Universal Holding Frames and Latches

## Product Overview

- Galvanized steel, aluminized steel, or 304 stainless steel construction available
- No protrusions into filter loading area for easier installation and removal
- Seven standard sizes that can be used individually or combined to create virtually any size filter bank
- Supports all standard combinations of prefilters and final filters
- Latches available to hold a wide variety of filter types, depths, and combinations
- Double latches available which allow prefilters to be changed without disturbing final filter
- Actual frame depth: 2<sup>19</sup>/<sub>16</sub>"
- Latches are zinc-plated to withstand harsh environments (Four latches are recommended for each frame)



## Product Information

| Part Number                                                         | Nominal Size Inches<br>(W x H x D) | Std. Pkg. Qty. | Shipping Wt. Lbs. per Box<br>(± 10%) | Cubic Ft. |
|---------------------------------------------------------------------|------------------------------------|----------------|--------------------------------------|-----------|
| <b>Universal Holding Frames (Galvanized Steel with PVC Gaskets)</b> |                                    |                |                                      |           |
| 321-000-319                                                         | 12 x 24 x 3                        | 8              | 31.5                                 | 2.4       |
| 321-000-500                                                         | 16 x 20 x 3                        | 4              | 12.5                                 | 2.4       |
| 321-000-600                                                         | 16 x 25 x 3                        | 4              | 18.5                                 | 3.0       |
| 321-000-700                                                         | 20 x 20 x 3                        | 4              | 18.0                                 | 3.0       |
| 321-000-750                                                         | 20 x 24 x 3                        | 4              | 20.0                                 | 3.6       |
| 321-000-800                                                         | 20 x 25 x 3                        | 4              | 20.2                                 | 3.8       |
| 321-000-863                                                         | 24 x 24 x 3                        | 4              | 21.5                                 | 4.3       |

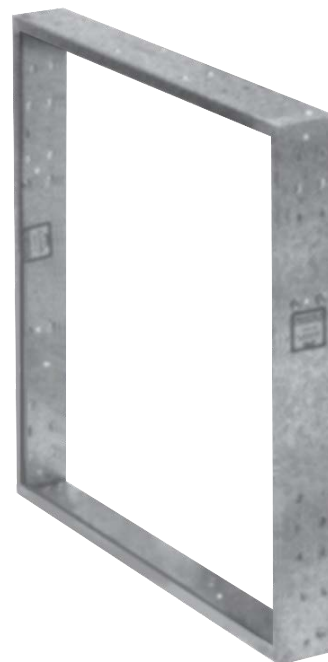
| Part Number                                                               | Model Number | Length (L) |         | Application                                                                           |
|---------------------------------------------------------------------------|--------------|------------|---------|---------------------------------------------------------------------------------------|
| Single Latches (Prefilter can be changed without disturbing final filter) |              |            |         |                                                                                       |
| 391-007-004                                                               | L-10         | 5/32"      |         | Holds single header filter or 1" filter in AAF Universal Holding Frame (UHF)          |
| 391-007-005                                                               | L-20         | 1 1/16"    |         | Holds 2" thick filter. Also holds single header filter with a 1" prefilter in AAF UHF |
| 391-007-006                                                               | L-30         | 1 7/8"     |         | Holds single header filter with a 2" prefilter in AAF UHF                             |
| 391-007-003                                                               | L-40         | 3 1/16"    |         | Holds two 2" or one 4" deep filter in AAF UHF                                         |
| 391-007-007                                                               | L-50         | 3 15/16"   |         | Holds single header filter with a 4" prefilter in AAF UHF                             |
| Double Latches (Prefilter can be changed without disturbing final filter) |              |            |         |                                                                                       |
|                                                                           |              | L-1        | L-2     |                                                                                       |
| 391-007-009                                                               | L-41         | 1 1/16"    | 3 1/16" | Holds 4" filter with a 1" prefilter in AAF UHF                                        |
| 391-007-002                                                               | L-42         | 1 1/16"    | 3 1/16" | Holds 4" filter with a 2" prefilter in AAF UHF                                        |
| 391-007-001                                                               | L-44         | 3 9/16"    | 3 1/16" | Holds 4" filter with a 4" prefilter in AAF UHF                                        |

## HVAC

## PF-1 Pureframe®

## Product Overview

- Positive seal with spring-loaded fasteners and closed cell gasket
- 16-gauge stainless or corrosion-resistant steel
- Flush-mounted, totally-welded corners and deburred edges
- Accommodates any standard size box or header type air filter
- Easy to install and rugged with prepunched mounting holes, 3" depth and centering dimples



## Product Information

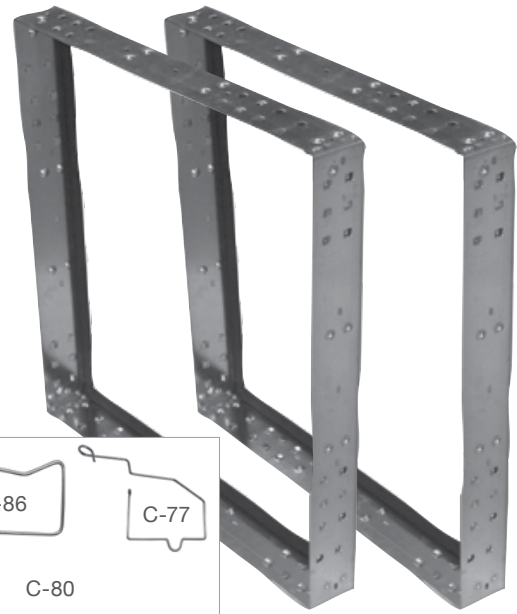
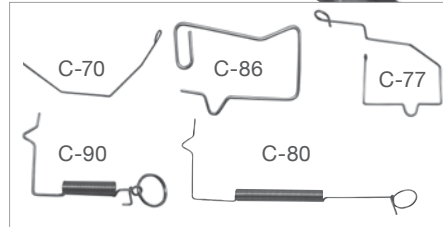
| Model Number               | Actual Size Inches (W x H x D) | Shipping Wt. Lbs. per Box (± 10%) | Frames per Carton |
|----------------------------|--------------------------------|-----------------------------------|-------------------|
| PPF11224                   | 12 x 24 x 2 $\frac{7}{8}$      | 4                                 | 8                 |
| PPF11620                   | 16 x 20 x 2 $\frac{7}{8}$      | 5                                 | 4                 |
| PPF11625                   | 16 x 25 x 2 $\frac{7}{8}$      | 5                                 | 4                 |
| PPF12020                   | 20 x 20 x 2 $\frac{7}{8}$      | 5                                 | 4                 |
| PPF12024                   | 20 X 24 X 2 $\frac{7}{8}$      | 5.5                               | 4                 |
| PPF12025                   | 20 x 25 x 2 $\frac{7}{8}$      | 5.5                               | 4                 |
| PPF12424                   | 24 x 24 x 2 $\frac{7}{8}$      | 6.5                               | 4                 |
| <b>304 STAINLESS STEEL</b> |                                |                                   |                   |
| PPF11224SS                 | 12 x 24 x 2 $\frac{7}{8}$      | 4                                 | 8                 |
| PPF11620SS                 | 16 x 20 x 2 $\frac{7}{8}$      | 5                                 | 4                 |
| PPF12020SS                 | 20 x 20 x 2 $\frac{7}{8}$      | 5                                 | 4                 |
| PPF12024SS                 | 20 X 24 X 2 $\frac{7}{8}$      | 5.5                               | 4                 |
| PPF12424SS                 | 24 x 24 x 2 $\frac{7}{8}$      | 6.5                               | 4                 |

## HVAC

## Type A-8 Holding Frames and Latches

## Product Overview

- Comes in seven standard sizes that can be used individually or may be combined to fit virtually any size filter bank
- Each frame includes our premium closed cell EPDM rubber gaskets to ensure a proper seal between the frame and filter to minimize dirty air bypass
- Frames are also available without gaskets or with dovetail gaskets
- Designed to hold the filter in place and create a positive seal
- Constructed of galvanized steel and 304 stainless steel, and also available in 316 stainless steel
- Latches can hold prefilters, headered filters, or both in the same frame
- Latches attach to one or two sets of knockouts near each corner (use four latches per frame)



## Product Information

| Part Number                                                           | Nominal Size Inches<br>(W x H x D) | Std. Pkg. Qty. | Shipping Wt. Lbs. per Box<br>(± 10%) | Cubic Ft. |
|-----------------------------------------------------------------------|------------------------------------|----------------|--------------------------------------|-----------|
| <b>Type A-8 Holding Frames (Galvanized Steel Frames with Gaskets)</b> |                                    |                |                                      |           |
| 312-600-600                                                           | 12 x 24 x 3                        | 12             | 63.0                                 | 3.0       |
| 312-600-001                                                           | 16 x 20 x 3                        | 6              | 31.5                                 | 3.4       |
| 312-600-002                                                           | 16 x 25 x 3                        | 6              | 35.7                                 | 4.1       |
| 312-600-003                                                           | 20 x 20 x 3                        | 6              | 34.8                                 | 4.2       |
| 312-600-004                                                           | 20 x 24 x 3                        | 6              | 37.8                                 | 5.0       |
| 312-600-005                                                           | 20 x 25 x 3                        | 6              | 38.4                                 | 5.3       |
| 312-600-606                                                           | 24 x 24 x 3                        | 6              | 40.5                                 | 6.0       |
| <b>Type A-8 Holding Frames (Stainless Steel Frames with Gaskets)</b>  |                                    |                |                                      |           |
| 312-600-100                                                           | 12 x 24 x 3                        | 12             | 69.0                                 | 3.0       |
| 312-600-101                                                           | 16 x 20 x 3                        | 6              | 34.5                                 | 3.4       |
| 312-600-102                                                           | 16 x 25 x 3                        | 6              | 38.7                                 | 4.1       |
| 312-600-103                                                           | 20 x 20 x 3                        | 6              | 37.8                                 | 4.2       |
| 312-600-104                                                           | 20 x 24 x 3                        | 6              | 40.8                                 | 5.0       |
| 312-600-105                                                           | 20 x 25 x 3                        | 6              | 41.4                                 | 5.3       |
| 312-600-106                                                           | 24 x 24 x 3                        | 6              | 43.5                                 | 6.0       |

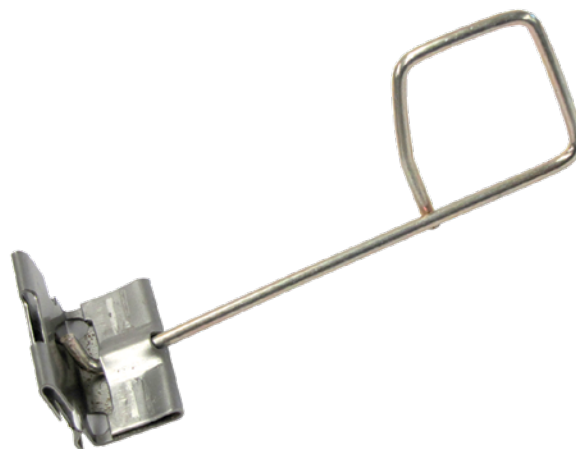
| Part Number                   | Model Number | Material   | Application                                                                         |
|-------------------------------|--------------|------------|-------------------------------------------------------------------------------------|
| <b>Latches for A-8 Frames</b> |              |            |                                                                                     |
| 315-004-003                   | C-70S        | Stainless  | Holds a 1" (single header) or 2" filter in a Type A-8 Frame                         |
| 315-004-000                   | C-86         | Galvanized | Holds a 4" filter or a single header filter with a 2" prefilter in a Type A-8 Frame |
| 315-004-100                   | C-86S        | Stainless  | Holds a 4" filter or a single header filter with a 2" prefilter in a Type A-8 Frame |
| 315-004-006                   | C-89         | Galvanized | Holds a single header filter with a 4" prefilter in a Type A-8 Frame                |
| 315-004-106                   | C-89S        | Stainless  | Holds a single header filter with a 4" prefilter in a Type A-8 Frame                |
| 315-004-002                   | C-90         | Galvanized | Holds a 6" deep double header filter or a reverse flow M-Pak in a Type A-8 Frame    |
| 315-004-001                   | C-80         | Galvanized | Holds a 12" deep double header filter in a Type A-8 Frame                           |
| 315-004-101                   | C-80S        | Stainless  | Holds a 12" deep double header filter in a Type A-8 Frame                           |
| 315-004-007                   | C-77         | Galvanized | Holds a single header filter with a 2" prefilter or a 4" filter in a Type A-8 Frame |
| 315-004-107                   | C-77S        | Stainless  | Holds a single header filter with a 2" prefilter or a 4" filter in a Type A-8 Frame |

## HVAC

# Knock-On Conversion Latches

## Product Overview

- Zinc-plated to withstand harsh environments
- Latches available for a variety of filters and filter combinations
- Easy conversion of other manufacturers' holding frames to accept AAF Flanders filters
- For use with AAF Flanders aluminized and stainless steel frames
- Four latches recommended per frame



## Product Information

| Part Number                                                                   | Length (L)                        | Application                                                                 |                                     |
|-------------------------------------------------------------------------------|-----------------------------------|-----------------------------------------------------------------------------|-------------------------------------|
| Single Latches                                                                |                                   |                                                                             |                                     |
| 391-006-004                                                                   | 1 <sup>1</sup> / <sub>16</sub> "  | Holds single header* filter or a 1" filter                                  |                                     |
| 391-006-009                                                                   | 1"                                | Holds DriPak® or VariCel® with CA (1 1/8") header                           |                                     |
| 391-006-005                                                                   | 1 <sup>5</sup> / <sub>8</sub> "   | Holds 2" thick filter. Also holds single header* filter with a 1" prefilter |                                     |
| 391-006-006                                                                   | 2 <sup>9</sup> / <sub>16</sub> "  | Holds single header* filter with a 2" prefilter                             |                                     |
| 391-006-008                                                                   | 3 <sup>5</sup> / <sub>8</sub> "   | Holds two 2" filters or one 4" deep filter                                  |                                     |
| 391-006-010                                                                   | 3 <sup>25</sup> / <sub>32</sub> " | Holds 4" filter with a ring panel prefilter                                 |                                     |
| 391-006-007                                                                   | 4 <sup>1</sup> / <sub>2</sub> "   | Holds single header* filter with a 4" prefilter                             |                                     |
| Double Latches (Prefilter can be changed without disturbing the final filter) |                                   |                                                                             |                                     |
|                                                                               | L-1                               | L-2                                                                         |                                     |
| 391-006-003                                                                   | 1 <sup>1</sup> / <sub>16</sub> "  | 3 <sup>5</sup> / <sub>8</sub> "                                             | Holds 4" filter with a 1" prefilter |
| 391-006-002                                                                   | 1 <sup>1</sup> / <sub>16</sub> "  | 3 <sup>5</sup> / <sub>8</sub> "                                             | Holds 4" filter with a 2" prefilter |
| 391-006-001                                                                   | 3 <sup>9</sup> / <sub>16</sub> "  | 3 <sup>5</sup> / <sub>8</sub> "                                             | Holds 4" filter with a 4" prefilter |

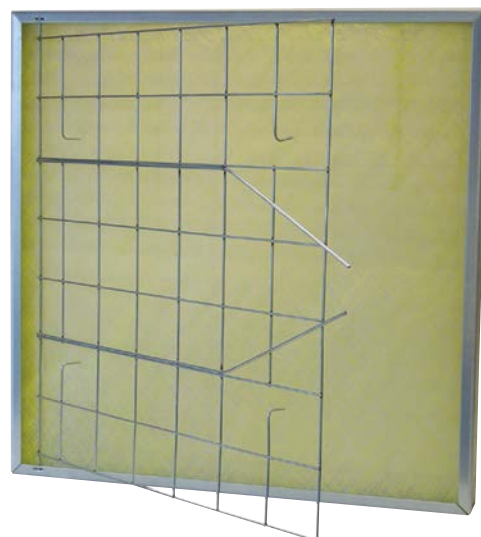
\*A single header filter is any filter with a 13/16" header, such as VariCel® SH, DriPak® 2000, VariCel® V, etc.  
Additional sizes available upon request.

## HVAC

## RenuFrame™

## Product Overview

- Reduces filter and maintenance cost by allowing for easy changeout of filter media pads
- Rugged 18-gauge U-channel construction with full overlap corners
- Maintains square alignment over years of use without racking
- Heavy-duty design prevents dirty air bypass, sagging, or blowout even when heavily loaded
- 11-gauge wire retaining grid with spikes prevents pad movement, even under turbulent conditions
- Retainer is hinged for easy changeout
- 2" thickness – fits in AAF Flanders Universal Holding Frames and 2" side access tracks
- Can also be bolted together into frame banks without use of holding frames



## Product Information

| Part Number | Nominal Size Inches<br>(W x H x D) | Std. Pkg. Qty. | Shipping Wt. Lbs. per Box<br>(± 10%) | Cubic Ft. |
|-------------|------------------------------------|----------------|--------------------------------------|-----------|
| 325-319-003 | 12 x 24 x 2                        | 6              | 32.0                                 | 2.1       |
| 325-500-003 | 16 x 20 x 2                        | 6              | 30.0                                 | 2.4       |
| 325-600-003 | 16 x 25 x 2                        | 6              | 36.0                                 | 2.9       |
| 325-700-003 | 20 x 20 x 2                        | 6              | 36.0                                 | 3.0       |
| 325-782-003 | 20 x 24 x 2                        | 6              | 42.0                                 | 3.8       |
| 325-800-003 | 20 x 25 x 2                        | 6              | 44.0                                 | 3.8       |
| 325-863-003 | 24 x 24 x 2                        | 6              | 45.0                                 | 4.3       |

## HVAC

## AmerFrame®

## Product Overview

- Reduces filter and maintenance cost by allowing for easy changeout of filter media pads
- 22-gauge U-channel construction contains pad and prevents leakage
- Maintains square alignment over years of use without racking
- Rigid construction prevents dirty air bypass, sagging, or blowout even when heavily loaded
- 9-gauge expanded wire retainer for easy access to the media pads
- 1" and 2" thickness available – fits in AAF Flanders Universal Holding Frames and 2" side access tracks



## Product Information

| With Retainer  |              | Without Retainer |              | Nominal Size<br>Inches<br>(W x H x D) | Std. Pkg.<br>Qty. per Box | Ship. Wt.<br>Lbs. per Box<br>(±10%) |
|----------------|--------------|------------------|--------------|---------------------------------------|---------------------------|-------------------------------------|
| Part<br>Number | Cubic<br>Ft. | Part<br>Number   | Cubic<br>Ft. |                                       |                           |                                     |
| 1"             |              |                  |              |                                       |                           |                                     |
| 322-319-111    | 2.1          | 322-319-121      | 2.1          | 12 x 24 x 1                           | 12.0                      | 23.0                                |
| 322-500-111    | 2.4          | 322-500-121      | 2.4          | 16 x 20 x 1                           | 12.0                      | 23.0                                |
| 322-600-111    | 2.9          | 322-600-121      | 3.0          | 16 x 25 x 1                           | 12.0                      | 27.0                                |
| 322-700-111    | 3.0          | 322-700-121      | 3.0          | 20 x 20 x 1                           | 12.0                      | 26.0                                |
| 322-782-111    | 3.6          | 322-782-121      | 3.6          | 20 x 24 x 1                           | 12.0                      | 30.0                                |
| 322-800-111    | 3.8          | 322-800-121      | 3.8          | 20 x 25 x 1                           | 12.0                      | 31.0                                |
| 322-863-111    | 4.3          | 322-863-121      | 4.3          | 24 x 24 x 1                           | 12.0                      | 33.0                                |
| 2"             |              |                  |              |                                       |                           |                                     |
| 322-319-112    | 2.1          | 322-319-122      | 3.6          | 12 x 24 x 2                           | 6.0                       | 16.0                                |
| 322-500-112    | 2.2          | 322-500-122      | 2.4          | 16 x 20 x 2                           | 6.0                       | 16.0                                |
| 322-600-112    | 2.9          | 322-600-122      | 3.0          | 16 x 25 x 2                           | 6.0                       | 17.5                                |
| 322-700-112    | 3.0          | 322-700-122      | 3.0          | 20 x 20 x 2                           | 6.0                       | 19.0                                |
| 322-782-112    | 3.6          | 322-782-122      | 3.6          | 20 x 24 x 2                           | 6.0                       | 20.0                                |
| 322-800-112    | 3.8          | 322-800-122      | 3.8          | 20 x 25 x 2                           | 6.0                       | 20.5                                |
| 322-863-112    | 4.3          | 322-863-122      | 4.3          | 24 x 24 x 2                           | 6.0                       | 23.0                                |

## HVAC

## UniFrame

**Product Overview**

- Designed for retaining air filter media pads in applications that require additional media support
- Fabricated of 26-gauge corrosion-resistant steel channel, with each corner of the frame mitered for squareness
- Filter pads are supported on the downstream side with a corrosion-resistant steel expanded metal lathe grid
- Retainer bars for the upstream side are available as an option

**Product Information**

| Part Number  | Nominal Size<br>Inches (W x H x D) | Actual Size<br>Inches (W x H x D) |
|--------------|------------------------------------|-----------------------------------|
| 60355.011620 | 16 x 20 x 1                        | 15½ x 19½ x ⅞                     |
| 60355.011625 | 16 x 25 x 1                        | 15½ x 24½ x ⅞                     |
| 60355.012020 | 20 x 20 x 1                        | 19½ x 19½ x ⅞                     |
| 60355.012025 | 20 x 25 x 1                        | 19½ x 24½ x ⅞                     |
| 60355.012424 | 24 x 24 x 1                        | 23½ x 23½ x ⅞                     |
| 60355.021620 | 16 x 20 x 2                        | 15½ x 19½ x 1⅞                    |
| 60355.021625 | 16 x 25 x 2                        | 15½ x 24½ x 1⅞                    |
| 60355.022020 | 20 x 20 x 2                        | 19½ x 19½ x 1⅞                    |
| 60355.022025 | 20 x 25 x 2                        | 19½ x 24½ x 1⅞                    |
| 60355.022424 | 24 x 24 x 2                        | 23½ x 23½ x 1⅞                    |

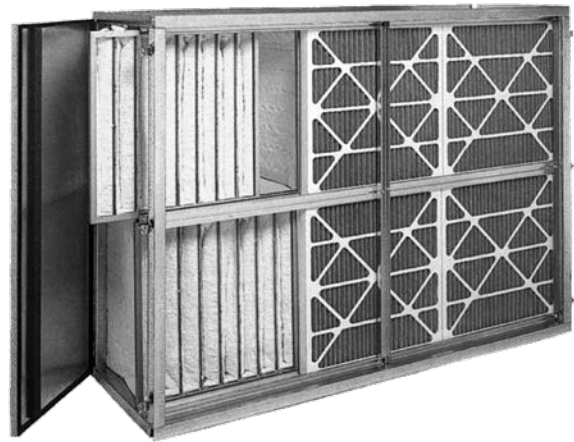


## HVAC

## SureSeal™

## Product Overview

- SureSeal side access filter housings are two-stage units designed to accommodate ASHRAE rated filters that are 6" to 36" in depth
- Requires as little as 22" of inline depth with no need for holding frames or fasteners
- Easily serviced through quick opening access doors
- All tracks and doors fully gasketed to ensure a positive seal; even at 6" of static pressure the leak rate is less than 0.5% of airflow
- Factory assembled flanged units suitable for installation in a duct or attached to an air handling unit
- Units are constructed of durable 16-gauge galvanized steel
- Z-channel support members reinforce all four corners



**SS 2 20H 30W X**

Type of Housing (SS = SureSeal™)

Type of Prefilter Track (inches)

Height and Width Code: The first numeral represents the number of 24" x 24" filters high or wide. If 24" x 12" filters are also used in the height or width, the second numeral is "5"

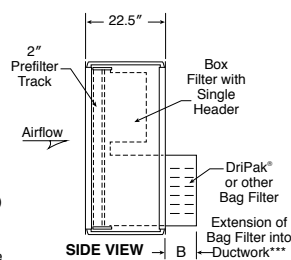
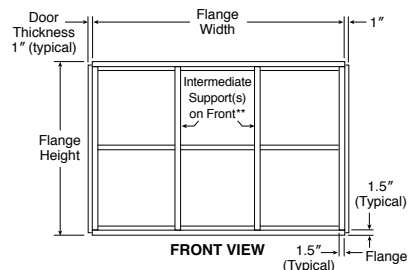
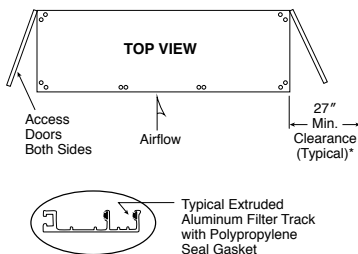
For Special Features or Sizes, end with "X" and describe them

## Product Information

| Height Code | Overall Flange Height (inches) | Face Velocity (FPM) | CFM Capacities and Dimensions |       |       |       |       |       |       |       |       |       |       |
|-------------|--------------------------------|---------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                                |                     | Width Code                    |       |       |       |       |       |       |       |       |       |       |
|             |                                |                     | 10W                           | 15W   | 20W   | 25W   | 30W   | 35W   | 40W   | 45W   | 50W   | 55W   | 60W   |
|             |                                |                     | Overall Flange Width          |       |       |       |       |       |       |       |       |       |       |
|             |                                |                     | 23%                           | 34%   | 46%   | 58½   | 70%   | 81½   | 93½   | 104%  | 116%  | 128%  | 140%  |
| 05H         | 15                             | 375                 | 750                           | —     | 1500  | —     | 2250  | —     | 3000  | —     | —     | —     | —     |
|             |                                | 500                 | 1000                          | —     | 2000  | —     | 3000  | —     | 4000  | —     | —     | —     | —     |
|             |                                | 625                 | 1250                          | —     | 2500  | —     | 3750  | —     | 5000  | —     | —     | —     | —     |
| 10H         | 27                             | 375                 | 1500                          | 2250  | 3000  | 3750  | 4500  | 5250  | 6000  | 6750  | 7500  | 8250  | 9000  |
|             |                                | 500                 | 2000                          | 3000  | 4000  | 5000  | 6000  | 7000  | 8000  | 9000  | 10000 | 11000 | 12000 |
|             |                                | 625                 | 2500                          | 3750  | 5000  | 6250  | 7500  | 8750  | 10000 | 11250 | 12500 | 13750 | 15000 |
| 15H         | 39                             | 375                 | 2250                          | —     | 4500  | —     | 6750  | —     | 9000  | —     | 11250 | —     | 13500 |
|             |                                | 500                 | 3000                          | —     | 6000  | —     | 9000  | —     | 12000 | —     | 15000 | —     | 18000 |
|             |                                | 625                 | 3750                          | —     | 7500  | —     | 11250 | —     | 15000 | —     | 18750 | —     | 22500 |
| 20H         | 51                             | 375                 | 3000                          | 4500  | 6000  | 7500  | 9000  | 10500 | 12000 | 13500 | 15000 | 16500 | 18000 |
|             |                                | 500                 | 4000                          | 6000  | 8000  | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 | 22000 | 24000 |
|             |                                | 625                 | 5000                          | 7500  | 10000 | 12500 | 15000 | 17500 | 20000 | 22500 | 25000 | 27500 | 30000 |
| 25H         | 62½                            | 375                 | 3750                          | —     | 7500  | —     | 11250 | —     | 15000 | —     | 25000 | —     | 22500 |
|             |                                | 500                 | 5000                          | —     | 10000 | —     | 15000 | —     | 20000 | —     | 30000 | —     | 30000 |
|             |                                | 625                 | 6250                          | —     | 12500 | —     | 18750 | —     | 25000 | —     | 31250 | —     | 37500 |
| 30H         | 74½                            | 375                 | 4500                          | 6750  | 9000  | 11250 | 13500 | 15750 | 18000 | 20250 | 22500 | 24750 | 27000 |
|             |                                | 500                 | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
|             |                                | 625                 | 7500                          | 11250 | 15000 | 18750 | 22500 | 26250 | 30000 | 33750 | 37500 | 41250 | 45000 |
| 35H         | 86½                            | 375                 | 5250                          | —     | 10500 | —     | 15750 | —     | 21000 | —     | 26250 | —     | 31500 |
|             |                                | 500                 | 7000                          | —     | 14000 | —     | 21000 | —     | 28000 | —     | 35000 | —     | 42000 |
|             |                                | 625                 | 8750                          | —     | 17500 | —     | 26350 | —     | 35000 | —     | 43750 | —     | 52500 |
| 40H         | 98½                            | 375                 | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
|             |                                | 500                 | 8000                          | 12000 | 16000 | 20000 | 24000 | 28000 | 32000 | 36000 | 40000 | 44000 | 48000 |
|             |                                | 625                 | 10000                         | 15000 | 20000 | 25000 | 30000 | 35000 | 40000 | 45000 | 50000 | 55000 | 60000 |

Notes: 1. Dimensions are based on using nominal size 24" x 24" and 24" x 12" filters.

2. To determine capacity on sizes other than those shown, multiply square feet of filter face area by FPM.



| Filter                | Depth (in.) | B (in.) |
|-----------------------|-------------|---------|
| Dripak or Cube Filter | 10          | 0       |
|                       | 12          | 0       |
|                       | 15          | 0       |
|                       | 21          | 4       |
|                       | 26          | 9       |
|                       | 30          | 13      |
| Box-Style             | 36          | 19      |
|                       | 6 or 12     | 0       |

\*Allow 27" minimum clearance on one or preferably both sides for filter installations.

\*\*Intermediate support(s) furnished on housings over 4 ft. wide.

\*\*\*If 4" prefilter tracks are specified, add 2" to Dimension B

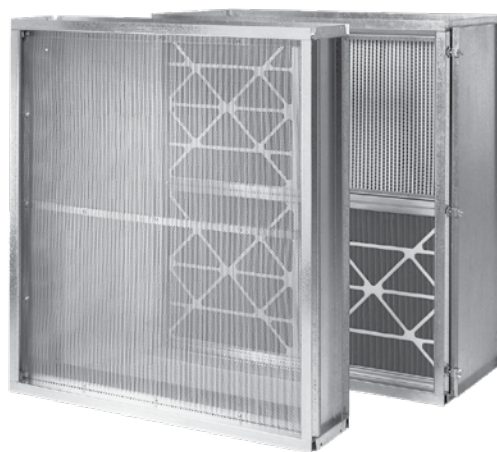
DriPak® is a registered trademark of AAF International in the U.S. and other countries.

## HVAC

## SureAire™

## Product Overview

- Recommended for use on the positive side of the fan where high velocity or turbulent airflow conditions may occur
- Furnished with a diffuser plate that promotes evenly distributed mixing of air
- Space saving design requires as little as 12" of inline depth
- Diffuser sections are factory assembled flanged units suitable for installation in a duct upstream of a SureSeal housing or attached to an air handling unit
- Units are constructed of durable 16-gauge galvanized steel
- Z-channel support members reinforce all four corners



SA 20H 35W X

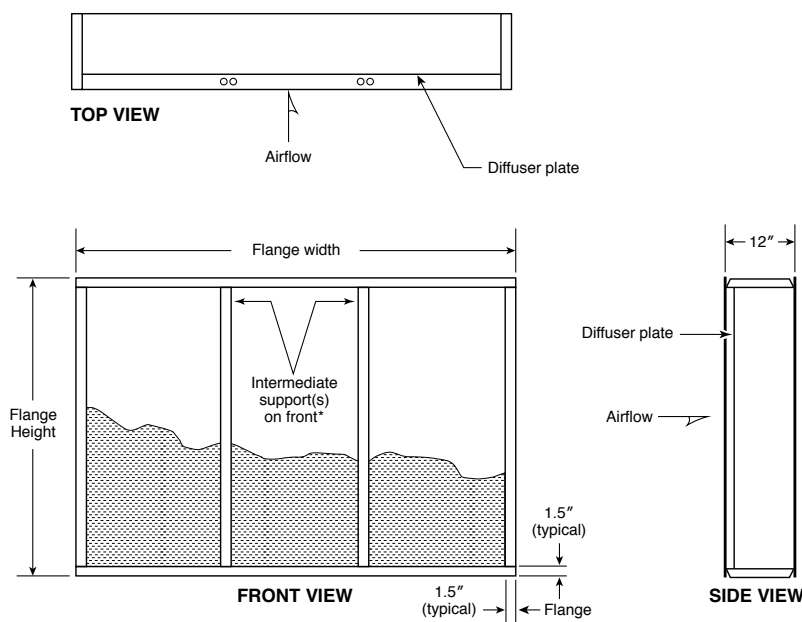
Type of Housing (SA = SureAire™)

Height and Width Code: The first numeral represents the number of 24" x 24" filters high or wide. If 24" x 12" filters are also used in the height or width, the second numeral is "5"

For Special Features or Sizes, end with "X" and describe them

## Product Information

| Height Code | Width Code |     |     |     |     |
|-------------|------------|-----|-----|-----|-----|
|             | 10W        | 15W | 20W | 25W | 30W |
| 05H         | 20         | N/A | 30  | N/A | 44  |
| 10H         | 29         | 37  | 44  | 54  | 61  |
| 15H         | 38         | N/A | 56  | N/A | 77  |
| 20H         | 47         | 60  | 68  | 86  | 95  |
| 25H         | 56         | N/A | 82  | N/A | 112 |
| 30H         | 69         | 85  | 100 | 123 | 136 |
| 35H         | 79         | N/A | 113 | N/A | 153 |
| 40H         | 92         | 110 | 131 | 161 | 177 |



\*Intermediate support(s) are furnished on housings over 4 ft. wide.

## HVAC

SureFlo™

## Product Overview

- V-bank design effectively doubles filter face area as compared to flat filter housings
- Allows for 50% reduction in pressure drop and increased filter life, reducing maintenance and energy costs
- All tracks and doors fully gasketed to ensure a positive seal
- Requires as little as 27" of inline depth with no need for holding frames or fasteners
- Easily serviced through quick opening access doors
- Constructed of durable 16-gauge galvanized steel with Z-channel supports at all four corners
- Designed to accommodate 2" deep ASHRAE filters
- Can be installed in a duct or in an air handling unit



SF 40H 35W X

Type of Housing (SF = SureFlo™)

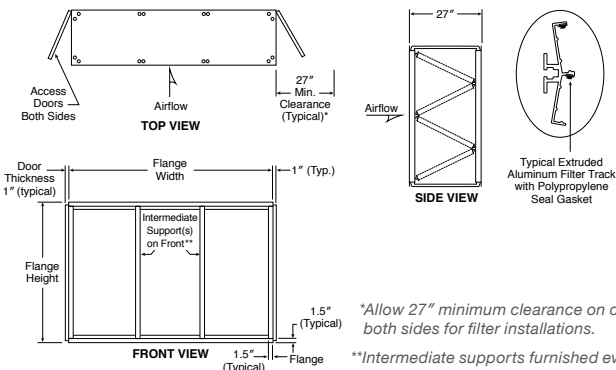
Height and Width Code: The first numeral represents the number of 24" x 24" filters high or wide. If 24" x 12" filters are also used in the height or width, the second numeral is "5"

For Special Features or Sizes, end with "X" and describe them

## Product Information

| Height Code | Overall Flange Height (inches) | Face Velocity (FPM) | Housing Approach Velocity (FPM) | CFM Capacities and Dimensions |       |       |       |       |       |       |       |       |       |       |
|-------------|--------------------------------|---------------------|---------------------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                                |                     |                                 | Width Code                    |       |       |       |       |       |       |       |       |       |       |
|             |                                |                     |                                 | 10W                           | 15W   | 20W   | 25W   | 30W   | 35W   | 40W   | 45W   | 50W   | 55W   | 60W   |
|             |                                |                     |                                 | Overall Flange Width          |       |       |       |       |       |       |       |       |       |       |
|             |                                |                     |                                 | 23¾                           | 34¾   | 46¾   | 58¾   | 70¾   | 81½   | 93½   | 104¾  | 116¾  | 128¾  | 140¾  |
| 05H         | 15                             | 125                 | 250                             | 500                           | 750   | 1000  | 1250  | 1500  | 1750  | 2000  | 2250  | 2500  | 2750  | 3000  |
|             |                                | 250                 | 500                             | 1000                          | 1500  | 2000  | 2500  | 3000  | 3500  | 4000  | 4500  | 5000  | 5500  | 6000  |
|             |                                | 375                 | 750                             | 1500                          | 2250  | 3000  | 3750  | 4500  | 5250  | 6000  | 6750  | 7500  | 8250  | 9000  |
|             |                                | 500                 | 1000                            | 2000                          | 3000  | 4000  | 5000  | 6000  | 7000  | 8000  | 9000  | 10000 | 11000 | 12000 |
| 10H         | 27                             | 125                 | 250                             | 1000                          | 1500  | 2000  | 2500  | 3000  | 3500  | 4000  | 4500  | 5000  | 5500  | 6000  |
|             |                                | 250                 | 500                             | 2000                          | 3000  | 4000  | 5000  | 6000  | 7000  | 8000  | 9000  | 10000 | 11000 | 12000 |
|             |                                | 375                 | 750                             | 3000                          | 4500  | 6000  | 7500  | 9000  | 10500 | 12000 | 13500 | 15000 | 16500 | 18000 |
|             |                                | 500                 | 1000                            | 4000                          | 6000  | 8000  | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 | 22000 | 24000 |
| 15H         | 39                             | 125                 | 250                             | 1500                          | 2250  | 3000  | 3750  | 4500  | 5250  | 6000  | 6750  | 7500  | 8250  | 9000  |
|             |                                | 250                 | 500                             | 3000                          | 4500  | 6000  | 7500  | 9000  | 10500 | 12000 | 13500 | 15000 | 16500 | 18000 |
|             |                                | 375                 | 750                             | 4500                          | 6750  | 9000  | 11250 | 13500 | 15750 | 18000 | 20250 | 22500 | 24750 | 27000 |
|             |                                | 500                 | 1000                            | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
| 20H         | 51                             | 125                 | 250                             | 2000                          | 3000  | 4000  | 5000  | 6000  | 7000  | 8000  | 9000  | 10000 | 11000 | 12000 |
|             |                                | 250                 | 500                             | 4000                          | 6000  | 8000  | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 | 22000 | 24000 |
|             |                                | 375                 | 750                             | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
|             |                                | 500                 | 1000                            | 8000                          | 12000 | 16000 | 20000 | 24000 | 28000 | 32000 | 36000 | 40000 | 44000 | 48000 |
| 25H         | 62¾                            | 125                 | 250                             | 2500                          | 3750  | 5000  | 6250  | 7500  | 8750  | 10000 | 11250 | 12500 | 13750 | 15000 |
|             |                                | 250                 | 500                             | 5000                          | 7500  | 10000 | 12500 | 15000 | 17500 | 20000 | 22500 | 25000 | 27500 | 30000 |
|             |                                | 375                 | 750                             | 7500                          | 11250 | 15000 | 18750 | 22500 | 26250 | 30000 | 33750 | 37500 | 41250 | 45000 |
|             |                                | 500                 | 1000                            | 10000                         | 15000 | 20000 | 25000 | 30000 | 35000 | 40000 | 45000 | 50000 | 55000 | 60000 |
| 30H         | 74¾                            | 125                 | 250                             | 3000                          | 4500  | 6000  | 7500  | 9000  | 10500 | 12000 | 13500 | 15000 | 16500 | 18000 |
|             |                                | 250                 | 500                             | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
|             |                                | 375                 | 750                             | 10500                         | 15750 | 21000 | 26250 | 31500 | 36750 | 42000 | 47250 | 52500 | 57750 | 63000 |
|             |                                | 500                 | 1000                            | 12000                         | 18000 | 24000 | 30000 | 36000 | 42000 | 48000 | 54000 | 60000 | 66000 | 72000 |
| 35H         | 86¾                            | 125                 | 250                             | 3500                          | 5250  | 7000  | 8750  | 10500 | 12250 | 14000 | 15750 | 17500 | 19250 | 21000 |
|             |                                | 250                 | 500                             | 7000                          | 10500 | 14000 | 17500 | 21000 | 24500 | 28000 | 31500 | 35000 | 38500 | 42000 |
|             |                                | 375                 | 750                             | 10500                         | 15750 | 21000 | 26250 | 31500 | 36750 | 42000 | 47250 | 52500 | 57750 | 63000 |
|             |                                | 500                 | 1000                            | 14000                         | 21000 | 28000 | 35000 | 42000 | 49000 | 56000 | 63000 | 70000 | 77000 | 84000 |
| 40H         | 98¾                            | 125                 | 250                             | 4000                          | 6000  | 8000  | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 | 22000 | 24000 |
|             |                                | 250                 | 500                             | 8000                          | 12000 | 16000 | 20000 | 24000 | 28000 | 32000 | 36000 | 40000 | 44000 | 48000 |
|             |                                | 375                 | 750                             | 12000                         | 18000 | 24000 | 30000 | 36000 | 42000 | 48000 | 54000 | 60000 | 66000 | 72000 |
|             |                                | 500                 | 1000                            | 16000                         | 24000 | 32000 | 40000 | 48000 | 56000 | 64000 | 72000 | 80000 | 88000 | 96000 |

Note: Recommended 2" deep filters include MEGApleat®, PerfectPleat®, and PREpleat®. Consult your AAF Flanders sales representative to determine the best filter for your application.



| Size Combinations and Weight (lbs.) of the Resulting Frame |            |     |     |     |     |
|------------------------------------------------------------|------------|-----|-----|-----|-----|
| Height Code                                                | Width Code |     |     |     |     |
|                                                            | 10W        | 15W | 20W | 25W | 30W |
| 10H                                                        | 90         | 105 | 120 | 150 | 170 |
| 15H                                                        | 105        | 125 | 145 | 175 | 198 |
| 20H                                                        | 120        | 135 | 175 | 195 | 225 |
| 25H                                                        | 150        | 172 | 194 | 215 | 235 |

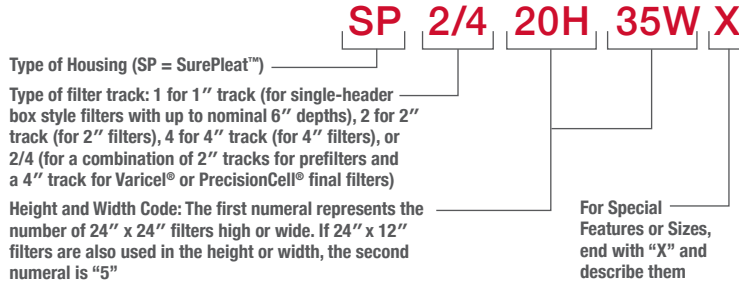
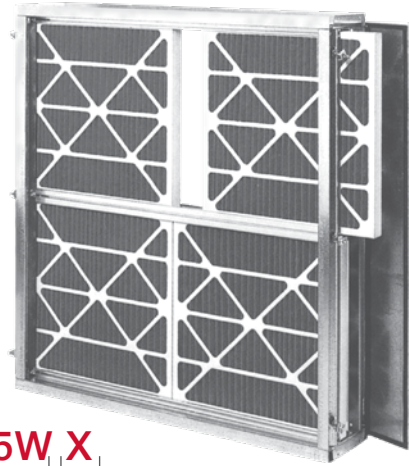
MEGApleat® and PerfectPleat® are registered trademarks of AAF International in the U.S. and other countries. PREpleat® is a registered trademark of Flanders Corporation in the U.S.

## HVAC

## SurePleat™

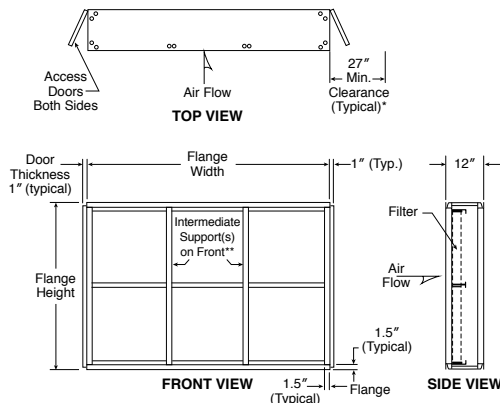
## Product Overview

- All tracks and doors fully gasketed to ensure a positive seal
- Space saving design requires as little as 12" of inline depth with no need for holding frames or fasteners
- Easily serviced through quick opening access doors
- Constructed of durable 16-gauge galvanized steel with Z-channel supports at all four corners
- Available in a wide range of configurations and can accommodate filters up to a MERV 15 rating
- Aluminum or stainless steel construction available



## Product Information

| Height Code | Overall Flange Height (inches) | Face Velocity (FPM) | CFM Capacities and Dimensions |       |       |       |       |       |       |       |       |       |       |
|-------------|--------------------------------|---------------------|-------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|             |                                |                     | Width Code                    |       |       |       |       |       |       |       |       |       |       |
|             |                                |                     | 10W                           | 15W   | 20W   | 25W   | 30W   | 35W   | 40W   | 45W   | 50W   | 55W   | 60W   |
|             |                                |                     | Overall Flange Width          |       |       |       |       |       |       |       |       |       |       |
|             |                                |                     | 23%                           | 34%   | 46%   | 58%   | 70%   | 81½   | 93½   | 104%  | 116%  | 128%  | 140%  |
| 05H         | 15                             | 375                 | 750                           | —     | 1500  | —     | 2250  | —     | 3000  | —     | —     | —     | —     |
|             |                                | 500                 | 1000                          | —     | 2000  | —     | 3000  | —     | 4000  | —     | —     | —     | —     |
|             |                                | 625                 | 1250                          | —     | 2500  | —     | 3750  | —     | 5000  | —     | —     | —     | —     |
| 10H         | 27                             | 375                 | 1500                          | 2250  | 3000  | 3750  | 4500  | 5250  | 6000  | 6750  | 7500  | 8250  | 9000  |
|             |                                | 500                 | 2000                          | 3000  | 4000  | 5000  | 6000  | 7000  | 8000  | 9000  | 10000 | 11000 | 12000 |
|             |                                | 625                 | 2500                          | 3750  | 5000  | 6250  | 7500  | 8750  | 10000 | 11250 | 12500 | 13750 | 15000 |
| 15H         | 39                             | 375                 | 2250                          | —     | 4500  | —     | 6750  | —     | 9000  | —     | 11250 | —     | 13500 |
|             |                                | 500                 | 3000                          | —     | 6000  | —     | 9000  | —     | 12000 | —     | 15000 | —     | 18000 |
|             |                                | 625                 | 3750                          | —     | 7500  | —     | 11250 | —     | 15000 | —     | 18750 | —     | 22500 |
| 20H         | 51                             | 375                 | 3000                          | 4500  | 6000  | 7500  | 9000  | 10500 | 12000 | 13500 | 15000 | 16500 | 18000 |
|             |                                | 500                 | 4000                          | 6000  | 8000  | 10000 | 12000 | 14000 | 16000 | 18000 | 20000 | 22000 | 24000 |
|             |                                | 625                 | 5000                          | 7500  | 10000 | 12500 | 15000 | 17500 | 20000 | 22500 | 25000 | 27500 | 30000 |
| 25H         | 62½                            | 375                 | 3750                          | —     | 7500  | —     | 11250 | —     | 15000 | —     | 18750 | —     | 22500 |
|             |                                | 500                 | 5000                          | —     | 10000 | —     | 15000 | —     | 20000 | —     | 25000 | —     | 30000 |
|             |                                | 625                 | 6250                          | —     | 12500 | —     | 18750 | —     | 25000 | —     | 27500 | —     | 37500 |
| 30H         | 74½                            | 375                 | 4500                          | 6750  | 9000  | 11250 | 13500 | 15750 | 18000 | 20250 | 22500 | 24750 | 27000 |
|             |                                | 500                 | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
|             |                                | 625                 | 7500                          | 11250 | 15000 | 18750 | 22500 | 26250 | 30000 | 33750 | 37500 | 41250 | 45000 |
| 35H         | 86½                            | 375                 | 5250                          | —     | 10500 | —     | 15750 | —     | 21000 | —     | 26250 | —     | 31500 |
|             |                                | 500                 | 7000                          | —     | 14000 | —     | 21000 | —     | 28000 | —     | 35000 | —     | 42000 |
|             |                                | 625                 | 8750                          | —     | 17500 | —     | 26250 | —     | 35000 | —     | 43750 | —     | 52500 |
| 40H         | 98½                            | 375                 | 6000                          | 9000  | 12000 | 15000 | 18000 | 21000 | 24000 | 27000 | 30000 | 33000 | 36000 |
|             |                                | 500                 | 8000                          | 12000 | 16000 | 20000 | 24000 | 28000 | 32000 | 36000 | 40000 | 44000 | 48000 |
|             |                                | 625                 | 10000                         | 15000 | 20000 | 25000 | 30000 | 35000 | 40000 | 45000 | 50000 | 55000 | 60000 |



- Notes: 1. Dimensions are based on using nominal size 24" x 24" and 24" x 12" filters. See applicable capacity chart for the desired 2", 4", or 6" filter to determine compatibility.
2. For capacities other than those shown, ratio the face velocities.
3. Maximum recommended velocities: 2" pleated filters: 500 FPM; 4" pleated filters: 625 FPM; 4" or 6" Varicel® & PrecisionCell® filters: see applicable capacity chart.

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