

# PF-1 Pureframe<sup>®</sup>

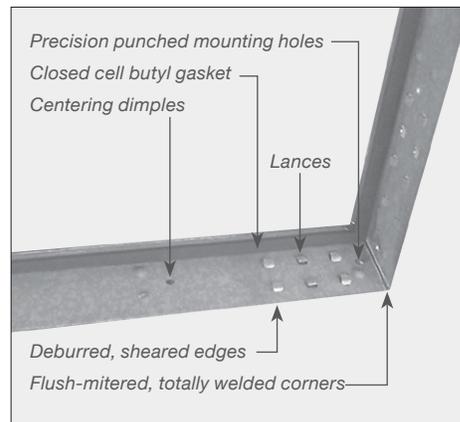
## FILTER HOLDING FRAMES AND FASTENERS

- 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

The PF-1 Pureframe filter holding frame is a building block for built-up filter banks when incorporating ASHRAE rated air filters. It is designed to provide a high degree of sealing integrity while incorporating versatility in applications and accessibility in installation and service.

### Superior Design and Construction

The PF-1 Pureframe is made with your choice of 304 stainless or 16-gauge corrosion resistant steel. All corners are mitered, continuously welded, and ground to form a smooth surface between the frame sealing surface and the gasket at the corner points of the sealing flange.

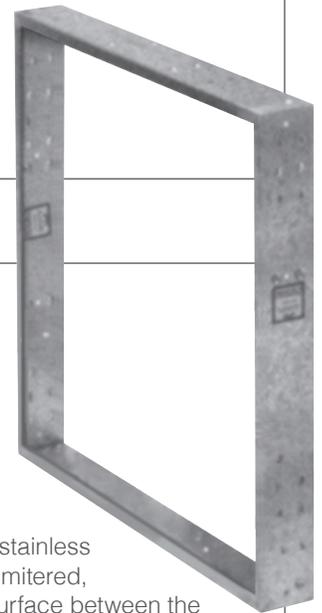


The PF-1 Pureframe has a nominal 3" depth and has a series of pre-punched mounting holes to facilitate alignment and assembly. Two rows of dimples are spaced to center the held filter and prefilter when both are used in combination in a single frame. Also, a series of pre-punched lances accommodate various types of stainless steel fasteners. A closed cell flexible gasket is attached to the sealing flange of each frame.

### Installation Considerations

The filter to be utilized is placed into the PF-1 Pureframe using the dimples on the holding frame as guides to align the filters. The dimples are located in two rows along the frame in the 1" and 2" positions.

For large HVAC projects, the PF-1 Pureframe may be utilized in built-up framing systems for both upstream and downstream air cleaning. Standard flat and V configurations are possible, using support posts for reinforcement when necessary to ensure stability of the filter bank.



# PF-1 Pureframe®

## Fasteners

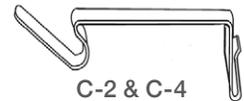
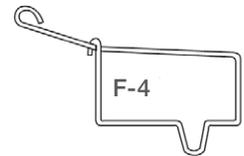
Once in position, the filter is held in place with Type 401 stainless steel spring filter fasteners, which attach to the holding frame through lances that are located along each of the four sides. Tools are not required for installation or removal. The various types of fasteners are shown below.

## Fasteners Location

Forward is closest to the frame flange and back is away from the frame flange.

## Product Information

Fastener Model #	Single Filter or Combination Filter Usage	Fastener Location	Number Required
F-1	1" deep filter, bag filter or single header box style filter	Forward	4
F-1	2" deep filter	Back	4
F-4	2" deep filter with combination bag or single header box style filter	Forward	4
F-4	4" deep filter	Back	4
F-12	12" deep box-style or double header box filter	Back	4
F-6	6" deep box style or double header box filter	Back	4
F-6	2" deep prefilter with 4" deep combination final filter	Back	4
C-2	To attach a 2" prefilter with a box style filter in the same frame	N/A	4
C-4	To attach a 4" prefilter to a box style filter in the same frame	N/A	4
F-12	Downstream access of 12" box or single header box filter	Forward	4



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