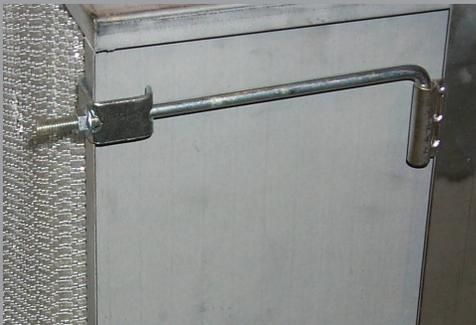




The Camfil Magna-Frame II and III are individual holding frames designed to ensure that the system efficiency equals the filter efficiency when requiring either a gasket seal or a gel seal. Magna- Frames:

- Are constructed of all-welded 14-gauge galvanized steel (also available in 304SST). Sealing integrity is further ensured through the use of welded mitered corners.
- Include a one inch Absolute sealing flange on the MagnaFrame II and a gel seal on the MagnaFrame III to ensure an airtight filter to frame seal.
- Include pre-punched assembly holes for quick and easy assembly. The holes are within the annular dimples to recess assembly bolts or rivets.
- Includes annular based dimples around assembly holes to ensure proper filter alignment. Filter changes are simplified as the filter is automatically centered within the holding frame.
- Incorporate swing bolt assembly clamps to provide uniform filter sealing pressure. The assemblies are offset to allow easy filter change regardless of filter bank width.
- Are available with an optional Absolute prefilter kit that allows the installation of an Absolute filter, ASHRAE high efficiency filter, and prefilter in one assembly. Absolute filter integrity is not compromised during prefilter service.

Positive seal integrity with swing bolt latching.



Gaskets seal against flange on MagnaFrame II



Gel seal against knife edge on MagnaFrame III

Both the Magna-Frame II and III are guaranteed to provide a scanable seal on the downstream side when filter elements are properly installed. They are the perfect hardware companion to Camfil Gasket Seal Absolute filters or Camfil Gel Seal Absolute Filters. Absolute filters are available in efficiencies from 95% to 99.999% at most penetrating particle size.

Performance Data

Product	Model (H x W inches)	Absolute® filter size (H x W, 6" or 12" nominal depth)	Per Carton		Airflow Standard / High Capacity	Swing bolts per frame
			Weight (lbs)	Size (ft ³)		
MagnaFrame II Gasket	24.00 x 24.00	23.38 x 23.38	20.5	2.78	1100 / 2000	4
	24.00 x 12.00	23.38 x 11.38	13.5	1.5	460 / 850	4
	12.00 x 24.00	11.38 x 23.38	13.5	1.5	460 / 850	2
	24.62 x 24.62	24.00 x 24.00	21.0	2.78	1100 / 2000	4
	24.62 x 12.62	24.00 x 12.00	14.0	1.5	460 / 850	4
	12.62 x 24.62	12.00 x 24.00	14.0	1.5	460 / 850	2
MagnaFrame III Gel Seal	24.00 x 24.00	23.38 x 23.38	22.1	2.78	1100/2000	4
	24.00 x 12.00	23.38 x 11.38	15.1	1.50	460/850	4
	12.00 x 24.00	11.38 x 23.38	15.1	1.50	460/850	2
	24.62 x 24.62	24.00 x 24.00	22.6	2.78	1100/2000	4
	24.62 x 12.62	24.00 x 12.00	15.6	1.50	460/850	4
	12.62 x 24.62	12.00 x 24.00	15.6	1.50	460/850	2

Notes:

1. Airflow capacity based on 1100 cfm for full size standard capacity and 2000 cfm for high capacity.
2. System pressure drop and energy savings may be achieved by derating the airflow through the system. Values are provided for references only as system velocities may have wide design variations.
3. Swing bolts and filters must be ordered separately.

Specifications

1.0 General

1.1 - Holding frames shall be constructed of 14-gauge galvanized steel (304 SST)*. Frames shall be welded and include centering dimples, pre-drilled mounting holes, knife-edge filter sealing flange and swing bolt assemblies. An appropriate number of swing bolts to match air filters shall also be included.

1.2 - Sizes shall be as noted on drawings or other supporting materials.

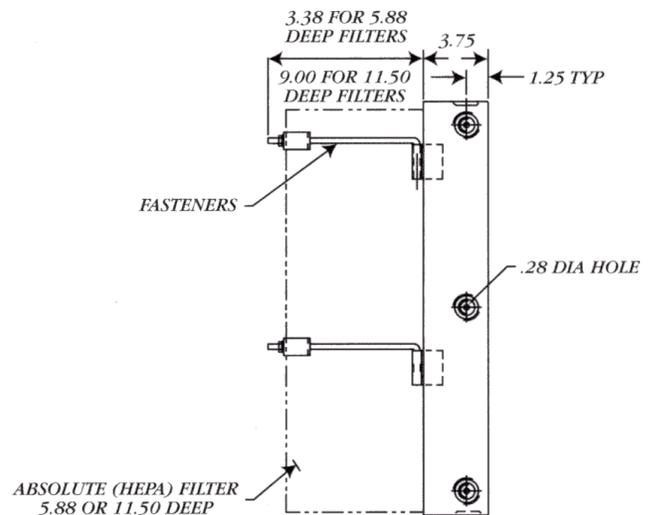
2.0 Construction

2.1 - Filter frame shall be all-welded construction of 14-gauge galvanized steel (304 SST)*. The frame shall include pre-drilled mounting holes to align frame-to-frame and ensure built-up bank support.

2.2 - Annular based centering dimples shall be an integral component to assist in proper seating of filter gasket to frame in the MagnaFrame II or gel seal channel to frame sealing knife edge for the MagnaFrame III. Assembly holes shall be within dimples to recess assembly fasteners. Additional filter receptacle guides on the top and bottom of the holding frame shall assist in filter alignment.

2.3 - Filter securing swing bolt assemblies, of the same construction as the frame, shall be offset to facilitate multiple filter installations. The assembly shall include appropriate swing bolts to match filter depth and equi-bearing clamps to allow uniform filter sealing.

2.4 - Include an absolute prefilter kit consisting of four extended swing bolts, frame clamps, and an ASHRAE grade holding frame.



3.0 Performance

3.1 - The sealing assembly shall create a scan capable filter to frame assembly seal.

* Items in parentheses () denote optional selections.