

# Type 8 Frame

## Filter Holding Frame for Built-Up Banks



The Camfil Type 8 filter holding frame, with a variety of fasteners, will allow the installation of various combinations of ASHRAE pre and final filters. The installation may include a single filter or combinations of the following filters:

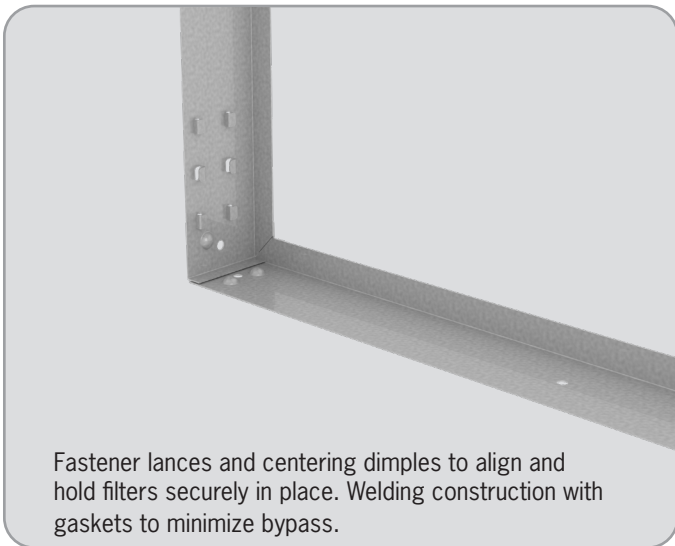
- Any 1", 2", or 4" deep panel or pleated filter.
- Any 6" or 12" deep rigid filter.
- Any headered style rigid or pocket filter.

The Camfil Type 8 holding frame includes:

- 16-gauge welded galvanized steel construction (stainless and aluminum options available).
- A  $\frac{3}{4}$ " filter sealing flange to ensure proper filter seating and sealing.
- Polyurethane gasketing on the frame to filter sealing surface to ensure leak-free performance in the most demanding of applications.
- Pre-drilled holes for riveting or bolt-together installation of built-up banks.
- Multiple lances for the application of various fasteners to install a wide variety of standard size air filters.

The Type 8 holding frame:

- May be assembled in banks up to six units high and any number of units wide (flat stock vertical stiffener bars are required for banks 4 to 6 units high alternating every other filter frame).
- May be applied in applications to remove water or oil mist.
- May be assembled in a V-bank configuration to reduce filter face velocity.



Fastener lances and centering dimples to align and hold filters securely in place. Welding construction with gaskets to minimize bypass.

### Performance Data

| Part Number                        | Actual Depth (inches) | Actual Dimensions (inches) |       | Weight (lbs) |
|------------------------------------|-----------------------|----------------------------|-------|--------------|
|                                    |                       | Height                     | Width |              |
| Standard Built-up Bank Application |                       |                            |       |              |
| 079473-004                         | 2.69                  | 24                         | 12    | 4.3          |
| 079473-006                         |                       | 20                         | 16    | 4.4          |
| 079473-005                         |                       | 25                         | 16    | 5.0          |
| 079473-002                         |                       | 20                         | 20    | 4.9          |
| 079473-003                         |                       | 25                         | 20    | 5.5          |
| 079473-007                         |                       | 24                         | 20    | 5.4          |
| 079473-001                         |                       | 24                         | 24    | 6.0          |

Available options:

Available with or without gasket (standard units include gasket).

Also available in aluminum, 20-gauge stainless steel, 304/L or 316/L.

#### DATA NOTES:

<sup>1</sup>Flat-stock stiffener bars are required for every other vertical row on filter banks 4 to 6 units high. Stiffener bars, screws, nuts, and rivets are not supplied by Camfil.

<sup>2</sup>For available fasteners, V-bank assembly and mist removal installation, contact factory for additional literature.

### Specifications

#### 1.0 General

**1.1** - Air filter holding frames shall be 16-gauge galvanized steel (or optional material as selected) with filter sealing flange, centering dimples, sealing gasket and lances for appropriate air filter fasteners.

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

#### 2.0 Construction

**2.1** - Filter holding frame shall be constructed of 16-gauge galvanized steel (or optional material as selected). The frame shall be assembled from two corner sections and welded to assure a rigid and durable frame assembly.

**2.2** - The frame shall include a variety of pre-punched lances for filter fastener attachment. Fastener shall be capable of being installed without the use of tools, nuts or bolts. Lance penetrations shall be upstream of filter flange to assure leak-free integrity.

**2.3** - The frame shall include filter centering dimples on each frame wall to facilitate ease of filter installation and assure filter centering against filter sealing flange.

**2.4** - A 3/4" filter sealing flange shall be an integral component of the holding frame. All corners shall be flush mitered and a permanently mounted polyurethane foam gasket shall be mounted on the sealing flange to assure filter to frame sealing integrity.

#### 3.0 Performance

**3.1** - Manufacturer shall provide evidence of facility certification to ISO 9001:2015.

Frame shall be Camfil Type 8 or equal.



For detailed specifications and exact height, width and depth of each size, consult your local Camfil Distributor. Camfil has a policy of uninterrupted research, development and product improvement. We reserve the right to change designs and specifications without notice.