



INSTALLATION, OPERATION & PARTS DATA

V-FACE™ Filter Holding Frame

Frame Installation:

1. Inspect frame(s) for square alignment and any frame or component damage prior to assembly.
2. Position frame in proper direction of airflow with air entering larger open end with the joining section of the V facing downstream.
3. Clean all mating surfaces and apply sealant i.e. gasket tape or caulking, as required to prevent leakage.
4. Frames can be joined together or connected to ductwork by means of welding, bolting or riveting. Predrilled 5/32" connecting holes are spaced to ease alignment.
5. It is strongly recommended that the holes in the top and bottom panels, both in front and back, be used in assembly for reinforcement and to avoid possible air bypass and vibration. However, if they are not, then a sealant must be applied to properly fill the open hole(s) and joining space.

Installation of Filters:

1. Properly clean all surfaces prior to installing filters.
2. Each housing is designed to hold a quantity of two 4" deep nominal size filters all 24" wide by the nominal height of the housing. (24x24x4, 12x24x4 or 20x24x4)
3. Filters should be installed vertically with the pleats running horizontal in the direction of the airflow for laminar flow and lower pressure drop. The airflow direction is from the middle, open part of the V, outward to the left and right. The arrow indicating airflow on each filter must be pointed in proper outward direction i.e. to the left for the left filter, to the right for the right filter.
4. While firmly holding top and bottom gently push the filter back adjacent to the outside of the center spring clip, locking into place and then rotate outward to rest against gasket. Swing front hinged clamp(s) over and firmly press snapping retainer clip onto filter. When removing, just unsnap and swing back retainer clip, and pull filter to the inside and out.

Replacement Parts:

1. All parts are universal for the different size frames. The back spring clips are attached to the frame using two machine type No. 8-32 x 1/4" Lg Button Head Cap screws. The front hinged retainer clips use a No. 8-32 x 2" Lg Socket Head Cap screw and nut.

For more information, visit our website at www.v-faceproducts.com or call us at 888-299-9272.

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May be protected by one or more patents including patent numbers. D727,487; D742,496; other patents pending.