

Suggested Specification

GEL SEAL HEPA FILTER HOLDING FRAMES

1.0 General

- 1.1 The Gel Seal HEPA Filter Holding Frames shall be Tri-Lock HF™ as manufactured by Tri-Dim Filter Corporation.
- 1.2 The quantity and sizes shall be as scheduled or noted on the drawings or other supporting documents.

2.0 Construction

- 2.1 The Gel Seal HEPA Filter Holding Frames shall be constructed of 16 gauge Galvanized Steel or Stainless Steel (customer to specify) with all seams welded.
- 2.2 The Gel Seal HEPA holding frame shall be constructed in two depths, to hold an 11-1/2 inch deep or a 5-7/8 inch deep filter (customer to specify).
- 2.3 The Gel Seal HEPA Filter Holding Frames shall use Removable Clamping Arms to secure the HEPA filters and eliminate air bypass.
- 2.4 The Gel Seal HEPA Filter Holding Frames shall have self-aligning predrilled holes for attaching frames to each other to form a filter bank.
- 2.5 The Gel Seal HEPA Filter Holding Frames shall have dimples for the self-aligning of the HEPA filters.
- 2.6 The Gel Seal HEPA Filter Holding Frames shall be constructed with a knife-edge frame to precisely seal a gel seal HEPA filter to eliminate air bypass.

3.0 Installation

- 3.1 The Gel Seal HEPA Filter Holding Frames shall be installed by customer or contractor by welding, pop riveting or bolting together the frames to create a filter bank. The frames shall be sealed with RTV sealant between frames, ductwork and stiffener bars to prevent air by-pass.
- 3.2 The Gel Seal HEPA Filter Holding Frames can be utilized in either an upstream or downstream access application.
- 3.3 In installations of more than three rows high of the Gel Seal HEPA Filter Holding Frames support bars shall be utilized every two rows to add rigidity to the filter bank.