

Suggested Specification

BAG-IN/BAG-OUT GEL SEAL HEPA FILTER HOUSING WITH PREFILTER

1.0 General

- 1.1 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall be Tri-Lock BF™ 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 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall be constructed of 304L Stainless Steel, 316 Stainless Steel or Aluminized Steel (customer to specify) with seal welded construction.
- 2.2 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall be of one-piece construction.
- 2.3 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall be constructed with a true locking mechanism that assures a positive seal between the knife-edge housing and a gel seal HEPA filter.
- 2.4 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have a hand torque door latch to provide positive pressure door-to-housing seal.
- 2.5 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall be tested in accordance with ANSI/ANSE-N510-1995 for pressure decay up to +/-10" W.G.
- 2.6 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have a suitable connection to either ductwork or air handler system.
- 2.7 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have a ribbed access port for each filter section. The ribbed access shall have two continuous raised ribs to secure the PVC change-out bag. The ribbed access shall be turned on the outer edge to prevent a tear in the change-out bag.
- 2.8 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have a gasketed door. The gasket shall be constructed of silicone and replaceable.
- 2.9 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall come furnished with a change-out bag and Velcro cinching strap.
- 2.10 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have a prefilter section that shall be constructed to hold a two, four or six inch deep filter (customer to specify).

3.0 Options

- 3.1 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have a weather cover.
- 3.2 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have lifting lugs either two or four (customer to specify).
- 3.3 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have transitions and custom drilled flanges (customer to specify).

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- 3.4 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have Static Port(s) and a Magnehelic or Photohelic Gauge (customer to specify).
- 3.5 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have Double Wall Insulation.
- 3.6 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have DOP Test Ports.
- 3.7 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have bolt sections in series.
- 3.8 Bag-In/Bag-Out Gel Seal HEPA Filter Housing shall have an Absorber Section for molecular contamination.