

# **Suggested Specification**

## **SIDE ACCESS GEL SEAL HEPA FILTER HOUSING WITH PREFILTER**

### **1.0 General**

- 1.1 Side Access Gel Seal HEPA Filter Housing shall be Tri-Lock FS™ 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 Side Access Gel Seal HEPA Filter Housing shall be constructed of 16 gauge Galvanized Steel, or Stainless Steel (customer to specify) with welded construction, straight seams shall be intermittently welded and silicone caulked.
- 2.2 Side Access Gel Seal HEPA Filter Housing shall be of one-piece construction.
- 2.3 Side Access 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 Side Access Gel Seal HEPA Filter Housing shall have a hand torque door latch to provide positive pressure door-to-housing seal.
- 2.5 Side Access Gel Seal HEPA Filter Housing shall be able to perform up to +/- 8" W.G.
- 2.6 Side Access Gel Seal HEPA Filter Housing shall have a suitable connection to either ductwork or air handler system.
- 2.7 Side Access Gel Seal HEPA Filter Housing shall have a unique door hinge that allows the door to either remain on its hinges or to be completely removed for easier filter change out.
- 2.8 Side Access 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 Side Access Gel Seal HEPA Filter Housing shall have a weather cover.
- 3.2 Side Access Gel Seal HEPA Filter Housing shall have lifting lugs either two or four (customer to specify).
- 3.3 Side Access Gel Seal HEPA Filter Housing shall have transitions and custom drilled flanges (customer to specify).
- 3.4 Side Access Gel Seal HEPA Filter Housing shall have Static Port(s) and a Magnehelic or Photohelic Gauge (customer to specify).
- 3.5 Side Access Gel Seal HEPA Filter Housing shall have Double Wall Insulation.
- 3.6 Side Access Gel Seal HEPA Filter Housing shall have DOP Test Ports.