

## *APPLIED AIR FILTERS SIDE ACCESS FILTER*

### **INSTALLATION AND OPERATION INSTRUCTIONS**

**CAUTION...** *Review these instructions and all safety procedures with your safety officer.*

#### **INSTALLATION OF HOUSING**

- 1. Be sure position of housing access door(s) and direction of airflow is correct prior to connecting ductwork.**

*- A minimum of 3 feet clearance is recommended for filter change out -*

- 2. The housing should be permanently connected to the ductwork by welding, bolting, or riveting. The housing to ductwork connection should be suitably sealed with caulk or gasket material to preclude leakage.**
- 3. Following installation of the housing, the system should be "Vacuumed out" or "Blown-Down" to remove construction dust, etc., before installing the filters.**

#### **INSTALLATION OF FILTERS**

- 1. Leave the filters in the shipping cartons until transported to the proper housing location. Do not unpack the filters until time of installation. Unpack the filters taking care not to cause damage.**
- 2. Open the housing access door by unlatching the positive pressure trip lock latches. The housing door is hinged and can be swung open completely.**
- 3. There are no locking mechanisms for the filters on the PolySeal The housing. Final Filter gasket is located in the extruded aluminum track.**

- 4. Load filters into the housing insuring that the filters are installed in the correct position. When airflow is horizontal, High-Efficiency filter pleats (separators) must run vertical. Gently but firmly push the filter until it touches the back of the housing or as far as can be reached. On multi-wide filter housings repeat the procedure for each filter until all filters are installed. Filters on multi filter wide housings should have gaskets installed on the vertical sides of the filters to insure sealing between filters.**
- 5. Swing the access door to the closed position and latch the door securely. The filters are locked into position when the access door is secured.**
- 6. For housings with a pre-filter section, pre-filters are serviced in a similar fashion except pre-filters do not have material. Pre-filters are simply slid into the pre-filter track with the access door open and the door then closed and secured.**
- 7. Filter change out is carried out in the same manner when filters reach their design final resistance. Spent filters are removed and clean filters re-installed in the manner described above. Pre-filters can be serviced without disturbing the seal of the final filter.**