

FRONT ACCESS UNIT

OPERATORS MANUAL

&

INSTALLATION INSTRUCTIONS

Rev 1.1

1. READ INSTALLATION INSTRUCTIONS IN THEIR ENTIRETY BEFORE INSTALLING UNIT.
2. REQUIRED HARDWARE FOR INSTALLATION
 - 2.1. ¼-20 x ½ bolts for attaching the grid to the unit – *supplied with unit*
 - 2.2. Adhesive backed gasket for sealing filters in each unit – *supplied with unit*
 - 2.3. ¼-20 x1/2 bolts, washers, lock washers and nuts – *not supplied* (for assembling multiple units together)
 - 2.4. Caulking – recommended (needed for sealing multiple units to stop airflow bypass)
3. PRE-INSTALLATION INSTRUCTIONS
 - 3.1. Examine all units to ensure that they are clean and free of debris.
 - 3.2. Installation location must provide adequate room for routine servicing.
4. INSTALLING FRONT ACCESS UNITS
 - 4.1. Move Front Access units to installation site.
 - 4.2. Installation
 - 4.2.1. Install one unit at a time.
 - 4.2.2. Apply caulk to mating horizontal and vertical surfaces of each unit as close to air inlet side as possible

- 4.2.3. Secure each unit to each other using 1/4-20 x 1/2 bolts, washers, lock washers and nuts using the provided mounting holes in each unit.
- 4.3. Remove grid from unit by loosening 1/4-20 bolts.
- 4.4. Install provided adhesive backed gasket to grid and back channels on the side that faces the inside of the unit.
5. FILTER INSTALLATION
- 5.1. Remove grid.
- 5.2. Make sure filter tracks are clear of debris.
- 5.3. Flip filters from end to end to reset media that may have settled improperly during shipment.
- 5.4. Install filters by sliding them into filter tracks.
- 5.5. Ensure the filters line up and sit flush with installed gasket.
- 5.6. Re-install the grid and secure using the bolts removed in the previous step.
- 5.7. If using a pre-filter install it now noting the direction of airflow on the pre-filter.
- 5.7.1. Flip pre-filter clips to secure pre-filter to unit.
6. FILTER REMOVAL
- 6.1. Flip pre-filter clips and remove pre-filter if installed.
- 6.2. Unscrew grid bolts and remove grid
- 6.3. Remove filters from the unit sliding them out of the filter tracks.
- 6.4. Clean all filter tracks of debris
7. MAINTENANCE
- 7.1. Keep system clean and free from debris
- 7.1.1. Periodically inspect unit as well as upstream and downstream for debris.
- 7.2. Upon servicing of panels, clean and inspect all tracking.
- 7.2.1. Inspect clips, bolts and gasket.
- 7.2.2. Inspect housing for possible leaks and caulk if necessary.
8. SERVICE
- 8.1. Service unit and panels as necessary.

