

SIDE ACCESS
OPERATORS MANUAL
&
INSTALLATION INSTRUCTIONS

Rev 1.5

1. READ INSTALLATION INSTRUCTIONS IN THEIR ENTIRETY BEFORE INSTALLING UNIT.
2. DO NOT OPEN HOUSING DOORS DURING OPERATION
3. PRE INSTALLATION INSTRUCTIONS
 - 3.1. Move side access housing to installation site.
 - 3.2. Carefully uncrate housing from skid.
 - 3.3. Installation location must provide adequate room for routine servicing of housing filters.
 - 3.4. Installation location must provide a firm level surface capable of supporting the weight of housing with filters installed.
4. INSTALLING SIDE ACCESS HOUSING
 - 4.1. Install housing by attaching ductwork to inlet and outlet flanges of side access housing.
 - 4.1.1. Ensure proper orientation of inlet and outlet dependent on your filter configuration and direction of airflow before attaching ductwork.
 - 4.1.2. Use caulk to seal any and all gaps between ductwork and side access housing to prevent air bypass.
 - 4.1.3. Secure housing to floor or hangers if option is included with side access housing.

5. FILTER PANEL INSTALLATION

- 5.1. Open side access doors.
- 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 working from the bottom to the top. (Fig 1a)
 - 5.4.1. Starting farthest away from the door and moving one closer each time you reach the top.

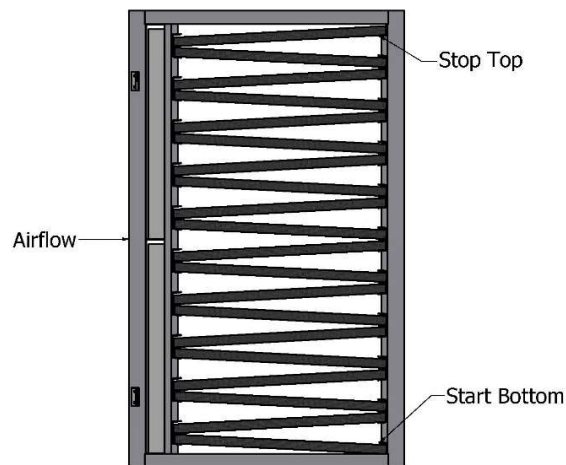


Fig 1a.

- 5.5. Ensure the proper quantity of filters have been installed.
- 5.6. Close side access doors.
- 5.7. Inspect door and latches for proper seal. Adjust if required.

6. FILTER PANEL REMOVAL

- 6.1. Open side access doors.
- 6.2. Remove filters working from the top to the bottom one vertical row at a time. (opposite of step 4.3)
- 6.3. Clean all filter tracks of debris

7. HEPA FILTER INSTALL (CRANK LOCK) refer to Fig 2a

- 7.1. Open side access doors.
- 7.2. Make sure Hepa Seal Plate and tracking is clean and clear of debris.
- 7.3. Install hepa filters by sliding them into the housing with gasket side of the filter facing the Hepa Seal Plate.
 - 7.3.1. If housing requires multiple filters per level slide all filters in before tightening Hepa Crank Lock.
- 7.4. Using a 1/2" socket or open-end wrench rotate the Crank Lock Adjustment Nut clockwise until all hepa filters are properly sealed against the Hepa Seal Plate.

Do this for both the top and bottom Hepa Crank Locks evenly to ensure proper sealing of the hepa filter.

- 7.4.1. Repeat for each vertical section until all hepa filters are installed and properly sealed.

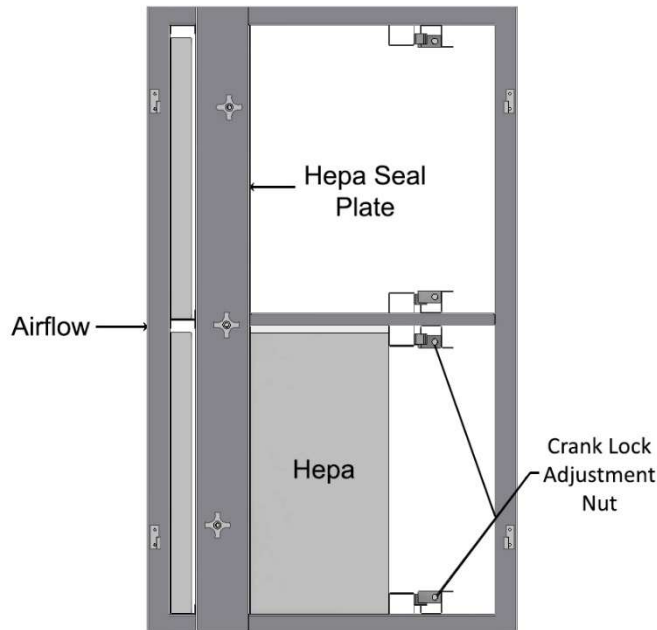


Fig 2a

- 7.5. Ensure proper quantity of filters have been installed.
- 7.6. Close side access doors.
- 7.7. Inspect door and latches for proper seal. Adjust if required.

8. HEPA FILTER REMOVAL (CRANK LOCK) refer to Fig 2a

- 8.1. Open side access doors.
- 8.2. Using a ½" socket or open-end wrench rotate the Crank Lock Adjustment Nut counter clockwise until pressure is removed and hepa filters are able to slide out of housing.
- 8.3. Clean Hepa Seal Plate and filter tracks of debris.

9. MAINTENANCE

- 9.1. Keep system clean and free from debris
 - 9.1.1. Periodically inspect unit as well as upstream and downstream for debris.
- 9.2. Upon servicing of panels, clean and inspect all tracking.
 - 9.2.1. Inspect door latches and gasket.
 - 9.2.2. Inspect housing for possible leaks and caulk if necessary.

10. SERVICE

- 10.1. Service housing and panels as necessary.