



HEPA CRANK SEAL FILTER HOUSINGS INSTALLATION INSTRUCTIONS

1. Preparation

- A. Separate filter cartons and filter housings.
- B. Store filters in a clean and dry area. **Do not open the filter cartons** unless installing the filters into the housing.
- C. Move the filter housing to the area where they are to be installed.
- D. Carefully uncrate the filter housing.

2. Installation of filter housing

- A. Make sure that the location of the filter housing will
 - give access to the filter for routine service (3 feet recommended distance between filter housing and wall)
 - give access to read any gauges if these are installed on the filter housing
 - be in an area that is firm and level. Do not distort filter housing
- B. Note the air flow label for orientation of filter housing
- C. Anchor filter housing and then the ductwork to and from filter flanges. Housing flanges should be caulked to prevent air by-pass.

3. Installation of filters

- A. Open access door(s)
- B. If housing has pre-filter tracks install the pre-filters first
- C. Install HEPA(s) by releasing the bolt activated top and bottom hand operated crank locking mechanism, slide in the filter(s), tighten the bolt activated top and bottom hand operated crank locking mechanism until the filter(s) gasket is compressed and thereby sealed. If the HEPA(s) have a fluid (gel) seal only tighten until the knife penetrates into the fluid seal. Do not open the locking mechanism more than 12 ¼”.
- D. Close and secure access door(s)
- E. Start up
- F. Note initial pressure drop for correct filter change.

4. Filter change

- A. Check if resistance has reached pressure drop for recommended filter change.
- B. Turn off system.
- C. Open access door(s)
- D. Take out and dispose of filters. For the HEPA filter(s) release the bolt activated top and bottom hand operated crank locking mechanism and then slide out the filter(s)
- E. Find and follow local regulations for disposal of the filters. Note that the application may be the deciding factor on how the filters are disposed of.
- F. Slide the new correct filters into the filter housing. Please see the ID plate on filter housing. For questions contact the supplier of the filter housing.
- G. Close and secure access door(s)
- H. Start up
- I. Note initial pressure drop for correct filter change.