

Instructions to Install Filters and UVC Lamps

Installing the HEPA and Prefilter

WARNING

This unit is designed to emit powerful ultraviolet radiation to sterilize microorganisms. It is dangerous to come in contact with or look at the light from this unit. Always turn the Air Cleaner **OFF** and **UNPLUG** the unit before opening panels other than the filter access door.

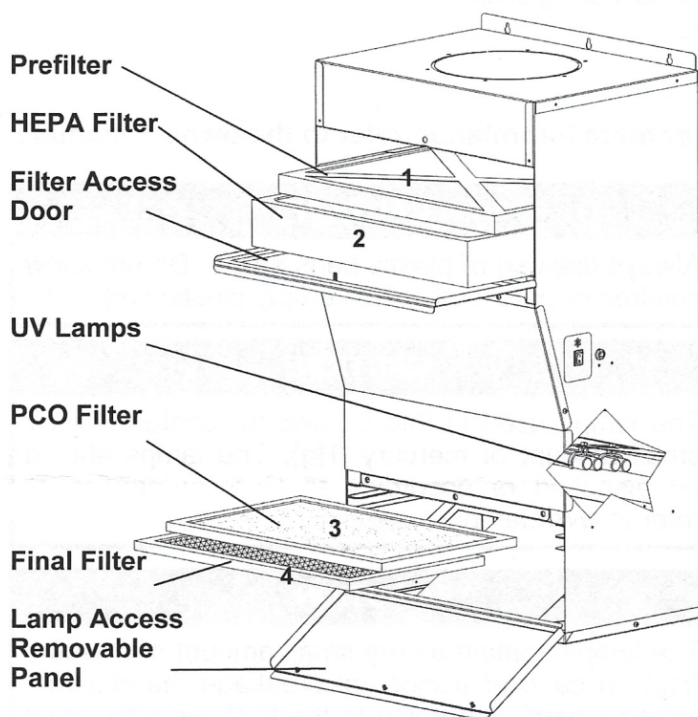
7. Use genuine replacement filters only. Call the original installer for replacement parts.

Note: When the filters are new, you may notice a new smell from the system. This is normal and will dissipate within a few hours.

(1) Prefilter (#DM900-0855): This must be replaced every 3-6 months. A clean Prefilter will increase the life of the HEPA Filter and improve airflow.

(2) HEPA Filter (#DMH4-0400): Replace every 2-3 years. The life of this filter depends on the amount of contaminants in the air and the frequency in which the Prefilter has been changed. Renovations in the home that create wood, drywall dust or similar contaminants will shorten the life expectancy of the HEPA filter.

Note: Handle the HEPA filter by the frame only. The paper is fragile and a puncture or tear will reduce efficiency.



Air Cleaner Layout

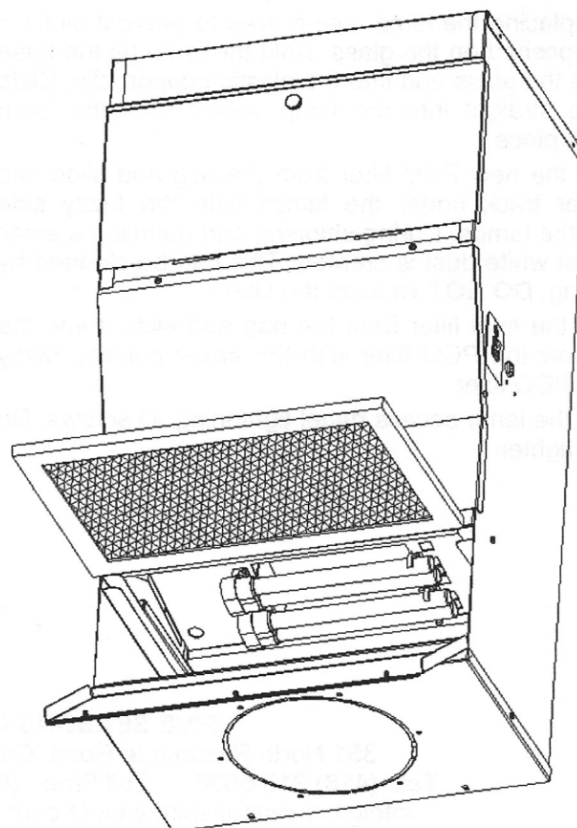
CAUTION

Make sure to turn the Air Cleaner **OFF** and **UNPLUGGED** before installing the any filters.

1. To access the filters, make sure the Air Cleaner is turned **OFF** and is **UNPLUGGED** before opening the top filter access door.
2. Remove the small box containing the lamps and gloves.
3. Carefully remove the filters from the tracks.
4. Remove the plastic from the new filters before installing. Discard the plastic bags safely. Take care not to damage the filters. Hold by the filter frame only.
5. Date the replacement filter in the space provided.
6. Place the filters in their appropriate track with the arrows pointing toward the fan.

WARNING

Never use the Air Cleaner without all of the filters in place and all cover panels closed. Make sure all the screws are in place.



Lamp, PCO and Final Filter Access

READ INSTRUCTIONS BEFORE INSTALLING FILTERS AND LAMPS

Installing the UVC Lamps, PCO Filter and Final Filter

WARNING

Make sure to turn Air Cleaner **OFF** and **UNPLUGGED** before opening the lamp access panel.

WARNING

Eye and skin damage may result from direct exposure to the light produced by the lamp used in this product. **NEVER** open the lamp access panel without having the Air Cleaner unplugged.

CAUTION

Do not touch the lamp glass with bare hands. Always use the gloves provided when installing the lamps. The oil from your hands may reduce the effectiveness of the lamp. The lamp may be cleaned with a soft cloth dampened with water only.

1. To install the PCO filter, Final filter and UVC lamps, turn the Air Cleaner **OFF** and **UNPLUG** it. Remove the screws from the lamp access panel and remove the panel. **DO NOT** misplace the screws.
2. Carefully remove the filters from the tracks.
3. Remove the lamps and gloves from the small box. Put on the gloves and remove the lamps from their boxes.
4. When replacing the lamp, use gloves to prevent oil from being deposited on the glass. Hold the lamp by the base and slide the glass end into the plastic support clip. Slide the lamp straight into the lamp socket until the lamp locks into place.
5. Remove the new PCO filter from the bag and slide into the upper track under the lamps with the fuzzy side towards the lamps. During shipping and handling a small amount of white dust is created. This can be cleaned by vacuuming. **DO NOT** vacuum the filter.
6. Remove the final filter from the bag and slide it into the track below the PCO filter with the arrow pointing away from the PCO filter.
7. Replace the lamp access panel tightening all screws. Do not over tighten.

Note: When the filters are new, you may notice a new smell from the system. This is normal and will dissipate within a few hours.

The PCO Filter will discolor with use. This is normal.

(3) PCO Filter (#DM900-0450): This must be replaced every 2 to 4 years.

(4) Final Filter (#DM900-0810): This must be replaced at least once a year.

UVC Lamp (#DM900-0190) or (#DM900-0191) (2 required): Replace every 2 years. Includes lamp support clip. The lamp may still light after 2 years but the intensity of the germicidal wavelength will be reduced.

UVC Lamp / PCO Filter Kit (#DM900-1000) or (#DM900-1002): Kit contains 2 UVC lamps, 2 lamp support clips, 1 PCO filter and gloves.

For more information refer to the owners manual.

CAUTION

Always dispose of plastic bags safely. Do not allow children or pets to play with empty plastic bags.

CAUTION

The lamps used in this air cleaner contain a very small amount of mercury (Hg). The lamps should be disposed of according to local ordinances or refer to www.lamprecycle.org.

CAUTION

The lamps contain a very small amount of mercury (Hg). In case of accidental breakage, handle with extreme care. According to the EPA website, open windows in the affected area and leave the room for 15 minutes. Do not vacuum or use a broom to clean. Wear a dust mask and use disposable gloves. Scoop fragments using stiff paper or cardboard. Place fragments in a plastic bag. Wipe area with damp paper towels and place towels in the plastic bag. Seal bag and dispose of waste following local guidelines. Wash hands with mild detergent and water. See the EPA website (www.epa.gov) for more information.

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