

User's Information

CLEANING

Cleaning Instructions:

The air cleaner utilizes a PRE-FILTER and COLLECTION CELLS. The purpose of the PRE-FILTER is to capture large particles before they enter the COLLECTION CELLS which allows the COLLECTION CELLS to work more efficiently.

1. Turn the air conditioning system off at the Comfort Control (thermostat).

⚠ WARNING

High Voltage is present within the air cleaner for operation. Before removing the Power Door, turn the power off and wait at least 15 seconds to allow voltage to discharge. Failure to follow instructions could result in death or serious personal injury.

2. Turn off power to the air cleaner by pushing and holding the POWER button for three seconds. The LED's will remain on until the voltage has discharged and it is safe to remove the door. This requires approximately 15 seconds. **Do not remove the door until all the lights are off.**
3. Disconnect the power/control cable.
4. Rotate the two latches and remove the door as shown in Figure 3. Place the door in a secure location.
5. Remove the PRE-FILTER (Figure 4) and/or the COLLECTION CELLS (Figure 5) from the air cleaner.

⚠ CAUTION

Handle the door only by using the handles on the front of the door. Grasp the door by the handles as depicted in Figure 3 to remove and replace the door. Do not handle the door on the edges. Metal edges may be sharp and could result in injury if the door is not handled properly.

Before removing the door from the unit, remove the power cable plug from the socket located in the corner of the door.

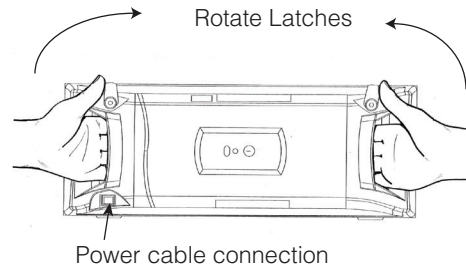


Fig. 3

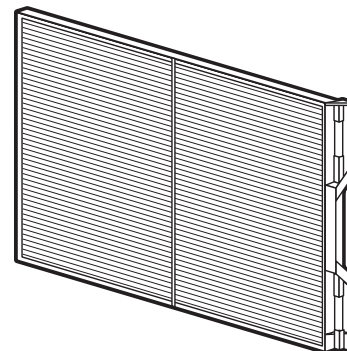


Fig. 4

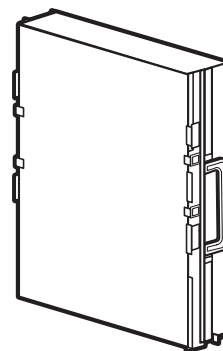


Fig. 5

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VACUUM CLEANING

Vacuuming is the preferred method to clean the PRE-FILTER and COLLECTION CELLS. It is recommended that the PRE-FILTER and the COLLECTION CELLS be vacuumed outside the home to ensure particles on the filters are not reintroduced into the air. Persons highly sensitive to the collected particles should wear appropriate respiratory protection while cleaning.

PRE-FILTER –

It is time to clean the PRE-FILTER when the red “PRE-FILTER” light (shown in Figure 6) is illuminated.

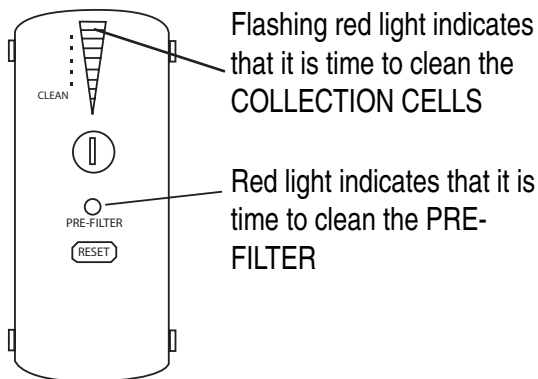


Fig. 6

The air cleaner is factory set to notify the home owner to clean the PRE-FILTER every two months [10 weeks] of actual run time of the air cleaner. This notification can be changed by the installer/home owner to 1 month or 3 months [5 to 15 weeks] depending on the conditions in the home (pets, smokers, etc.). Please see “SET-UP MODE” (Page 9) to change the factory settings.

1. Using a vacuum hose, vacuum in even strokes across the length of the PRE-FILTER. After vacuuming the entire PRE-FILTER using even strokes going in one direction, repeat the process using even strokes going in the opposite direction as shown in Figure 7.

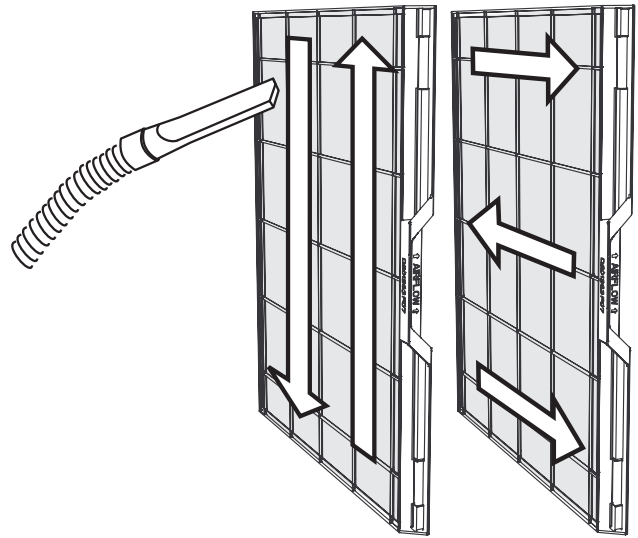


Fig. 7

NOTE: Do NOT replace the plastic PRE-FILTER with a metal type PRE-FILTER. A metal PRE-FILTER will cause reduction in efficiency and potential failure of the electronics in the air cleaner.

COLLECTION CELLS

The clean/dirty LED light bar indicator will illuminate as the system cleans the air. The LED lights will progress from green to yellow and then to red. When the last red indicator is flashing, it is time to clean the COLLECTION CELLS (see Figure 6). The air cleaner is factory set to notify the home owner to clean the COLLECTION CELLS every six months [31 weeks] of actual run time of the air cleaner. This notification can be changed by the installer/home owner to 2 months, 4 months, 6 months, or 9 months [10, 20, 31 or 46 weeks] depending on the conditions in the home (pets, smokers, etc.). Please see “SET-UP MODE” (Page 9) to change the factory settings.

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1. Using a vacuum hose, vacuum in even strokes across the entire COLLECTION CELL surface. Vacuum using even strokes in one direction, then repeat the process using even strokes in the opposite direction, as demonstrated in Figure 8 below.

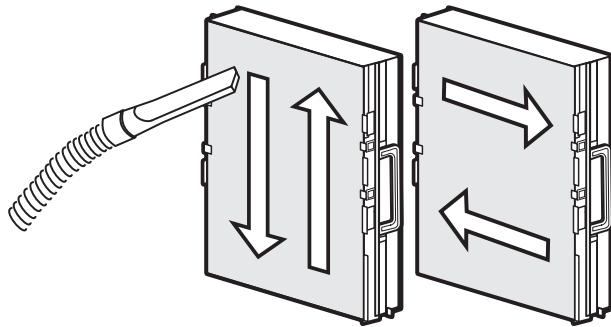


Fig. 8

2. Once vacuuming is completed on one side of the COLLECTION CELL, turn the COLLECTION CELL over and repeat on the other side of the COLLECTION CELL.

NOTE: It is normal for COLLECTION CELLS to discolor during operation. Vacuuming will not restore the COLLECTION CELLS to their original color. However, vacuuming does restore the COLLECTION CELLS to a high efficiency.

REPLACING THE PRE-FILTER AND COLLECTION CELLS INTO THE AIR CLEANER

1. Replace the PRE-FILTER into the air cleaner. Ensure that the "AIRFLOW indicator arrow" on the PREFILTER is pointing in the same direction as the "AIRFLOW indicator arrow" on the air cleaner cabinet.

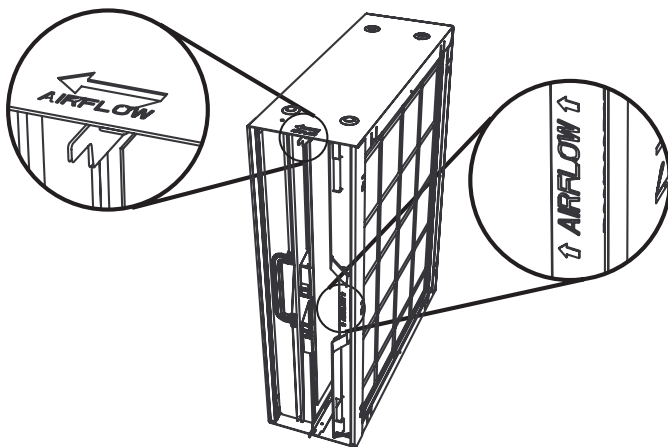


Fig. 9

2. Reinstall the COLLECTION CELLS into the air cleaner. Ensure the handles on both of the COLLECTION CELLS are folded flat.

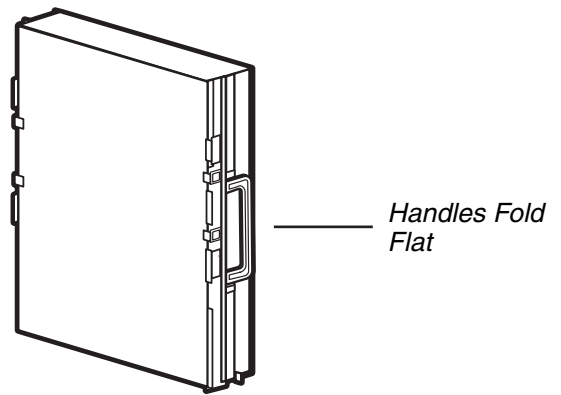
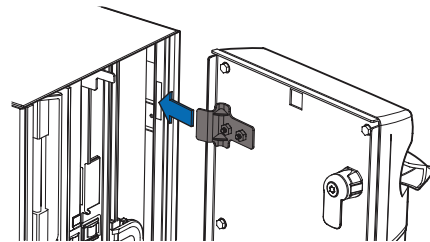


Fig. 10

3. Replace the power door onto the air cleaner.

To install the door, follow the instructions in Figures 11 - 14 below.



Hold door so that tabs are aligned with slots in cabinet.

Fig. 11

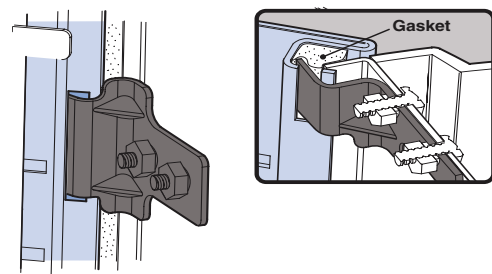


Fig. 12

Insert tabs into cabinet slots. Edge of door should fit into channel against gasket. (See detail)

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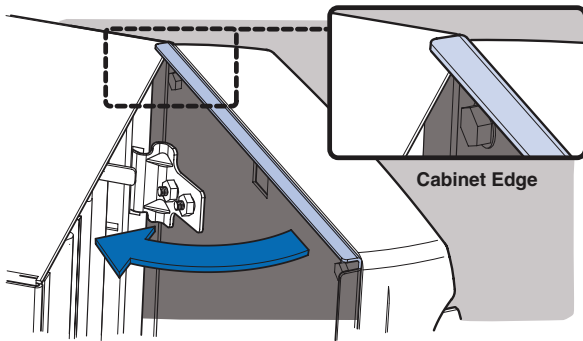


Fig. 13

Rotate door to closed position. Ensure ends of door overlap cabinet. (See detail)

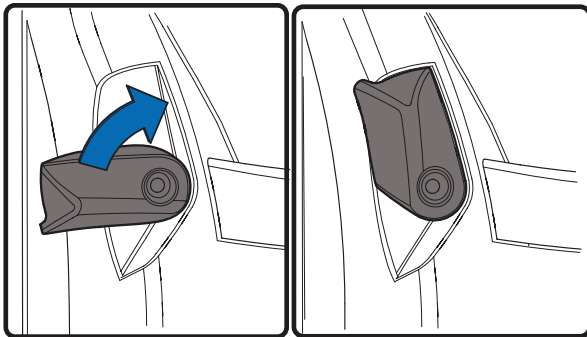



Fig. 14

Rotate latches to secure door.

4. Ensure the power cord is plugged into the air cleaner.
5. Press the POWER button  to turn on the air cleaner.

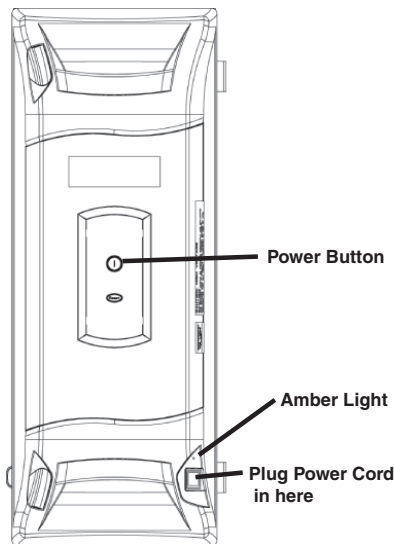


Fig. 15

The whole house air cleaner can be connected in one of two modes of operation; either a 24 V mode or a communicating mode. To know how the whole house air cleaner is set up, reference Figure 15 to find the amber light.

A steady amber light indicates that the unit is wired in the 24 V mode.

A blinking amber light indicates that the unit is wired in the communicating mode.

No light present means that the unit is not connected.

NOTE: Once you press the POWER button, the first LED will be on and it will start flashing after the first 10 [12] minutes of indoor fan operation. This is normal operation.

Alternate Cleaning option for homeowners with 200 or 200-1 COLLECTION CELLS ONLY

Vacuuming the PRE-FILTER and COLLECTION CELLS restores them to a high efficiency. However, some environmental conditions, like tobacco smoke, cause the COLLECTION CELLS to need to be washed with water. Washing the COLLECTION CELLS is acceptable ONLY if the COLLECTION CELL has a “200/200-1” embossed or written on the frame in the vicinity of the manufacturing part number:

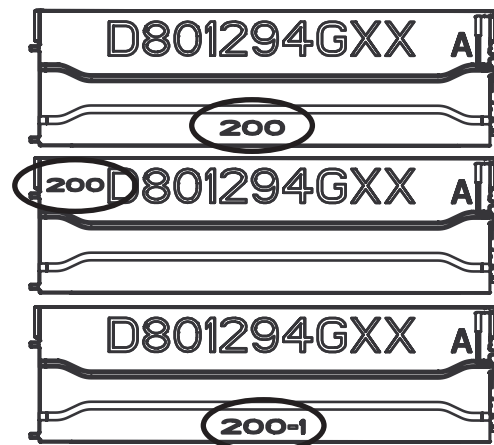


Fig. 16

Carefully review **BOTH** of the COLLECTION CELLS for the “200/200-1” mark. If the “200/200-1” mark is visible on BOTH COLLECTION CELLS, they may be washed. If the “200/200-1” mark is NOT visible, the COLLECTION CELLS **cannot** be washed.

⚠ CAUTION

Washing COLLECTION CELLS that do NOT have the “200/200-1” mark on them can result in degradation of the air cleaner system. Failure to follow instructions could result in property damages.

1. If the COLLECTION CELLS do have the “200/200-1” mark on them, they may be washed using a low pressure water spray, such as a sink sprayer or garden hose. Residue like tobacco smoke may require warm water to be removed.

- Do NOT use soap or detergent in cleaning the COLLECTION CELLS.
- Do NOT immerse the COLLECTION CELLS completely in water.
- Do NOT place the COLLECTION CELLS into a dishwasher to clean.
- ALLOW THE COLLECTION CELLS TO DRY THOROUGHLY BEFORE INSTALLING.

- After washing, drain as much water as possible from the COLLECTION CELLS.
- Holding the sides of the COLLECTION CELLS, gently tap the cells on a flat surface to dislodge any water droplets inside the COLLECTION CELLS. After tapping, wipe down the surfaces of the COLLECTION CELLS to remove any visible droplets of water.

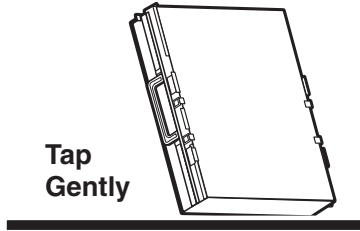


Fig. 17

- When there are no visible water droplets left in the COLLECTION CELLS, reinstall them into the air cleaner cabinet. Be sure to fold the COLLECTION CELL handles flat.

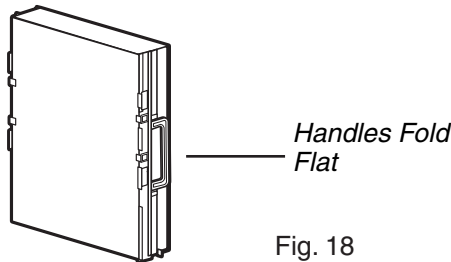


Fig. 18

RESET TIMERS

When installed as part of a Communicating System with a 900 series comfort control, the filter timers can be reset at either the Comfort Control or the air cleaner.

To reset the Pre Filter timer at the comfort control Select Filter 1 Change Reminder, then press the MORE key to access the filter timer value and then press the RESET key.

To reset at the air cleaner press and hold the RESET key until the PREFILTER LED turns off (1 to 2 seconds).

To reset the Collection Cell timer at the Comfort Control select Filter 2 Change Reminder, then press the More key to access the filter timer value and then press the Reset key.

To reset the Collection Cell timer at the air cleaner press and hold the RESET key until the COLLECTION CELL LED turns off (1 to 2 seconds).

If two air cleaners are connected on the same system, reset all timers on both air cleaners at the same time to the same settings. The comfort control will only report one air cleaner timer and this methodology will allow the air cleaners to remain on the same cleaning schedule. For additional information please refer to the Installers Guide and/or Service Facts for the 900 Series control. However, in a system with dual air cleaners, the 900 series comfort control will only recognize the timer for one air cleaner. Reset the filter timer at the comfort control using the instructions given above.

NOTE: If collection cells are wet, you may see a fault indication. Turn air cleaner off until collection cells are completely dry.

SET-UP MODE

You can customize the operation of the CleanEffects™ air cleaner to meet the needs of your home and family using the SET-UP mode. The Comfort Control should be in "Auto Detect" mode.

To enter the SET-UP mode, press and hold BOTH the POWER and the RESET buttons for a minimum of 5 [6] seconds. The LED display will light up indicating the current settings. If the settings were not changed during installation into your home, the LED's will light up with the factory settings as shown in Figure 19.

Factory settings

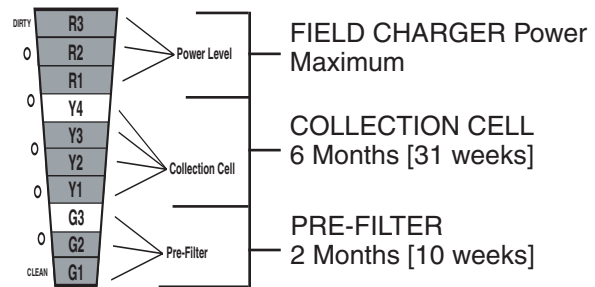


Fig. 19

You may select the cleaning intervals of the PRE-FILTER and the COLLECTION CELLS as well as the power setting of the FIELD CHARGER by cycling through the various settings. Once you have made the desired changes, press and hold BOTH the POWER and the filter RESET buttons for a minimum of 5 [6] seconds to exit the SET-UP mode.

PRE-FILTER Timer Setting

The GREEN LED lights are used to set the PRE-FILTER cleaning interval for one, two, or three months [5, 10, or 15 weeks]. The number of illuminated GREEN LED lights indicates the current setting. The factory setting is 2 months [10 weeks] of run time (see Figure 19).

COLLECTION CELL Timer Setting

The YELLOW LED lights are used to set the COLLECTION CELLS cleaning interval for two, four, six, or nine months [10, 20, 31, or 46 weeks]. The number of illuminated YELLOW LED lights indicates the current setting as shown in Figure 19. The factory setting is 6 months [31 weeks] of run time.