

Upflow Stand Kit For E3 & E4 Series Furnaces

INSTALLATION INSTRUCTIONS

ABOUT THE UPFLOW STAND KIT

This return air upflow stand is designed for upflow installations with non-ducted return air. The stand is factory equipped with three filters, two filter retainers, a filter frame, and an access door for monthly filter replacement.

Review the furnace installation instructions for specific details on return air, filtering systems, and installation requirements before proceeding.

UPFLOW STAND INSTALLATION

Before installing this stand, consider all clearances for the installation and future servicing of the furnace. For return air capacity, a minimum of 3" on both sides of the Upflow Stand is required. Also consider accessibility of filters for monthly replacement by homeowner. Refer to furnace installation instructions for further information.

1. Position upflow return air stand and secure to floor with four or more fasteners at holes provided.
2. Position coil cabinet on stand and secure with three or more fasteners. Make sure the surfaces between the stand and coil box are sealed so no air leaks occur.
NOTE: If using an optional coil cabinet, refer to coil cabinet installation instructions for further details.
3. Position furnace on the coil cabinet in upflow mode and secure with two or more fasteners. **NOTE:** If using an optional coil cabinet, refer to coil cabinet installation instructions for further details.
4. Use optional upflow duct connector or field supplied connector to attach furnace to overhead supply duct.

Ventilaire Attachment

The E3/E4 Upflow Stand supports Ventilaire brand kits by integrating a perforated custom cutout that is specifically designed to accept an attachment fitting that is supplied in our Ventilaire III and IV kits. The cutout is located on both sides of the Upflow Stand to accommodate right and left Ventilaire system entry. It may also be positioned at an angle in order to minimize Ventilaire flex-hose kinking. (See Figure 1).

FILTER SETUP

The filter should be replaced monthly; or if reusable filters are installed, they should be cleaned monthly. The Upflow Stand is equipped with two 20" x 20" x 1" side filters, one 18" x 18" x 1" door filter, two filter retainers, and a filter frame.

This filter method uses a door filter and dual filters on the sides of the stand. Units are shipped from the factory in this configuration.

1. Remove louvered access door by turning the pawl latch 180° and pulling toward you. The door should be completely removed as it unhinges at the bottom.
2. While holding the access door by the edges, slide the filter frame up until the easy-grasp frame notches are aligned with the door notches. Pull the frame out from the access door and remove the air filter.
3. Remove the side filters and retainers by unlatching the retainers from inside the stand. **NOTE:** The filter retainers are flexible to allow for several inches of movement. After unlatching the retainers, the filters will become removable and thus replaceable.
4. Install the side filters and latch the filter retainers back into position.
5. Install the front filter in the door filter frame, and reinstall the frame into the door, ensuring to slide the frame down into the door so that the frame is held firmly in place. Latch the door back into place on the stand.

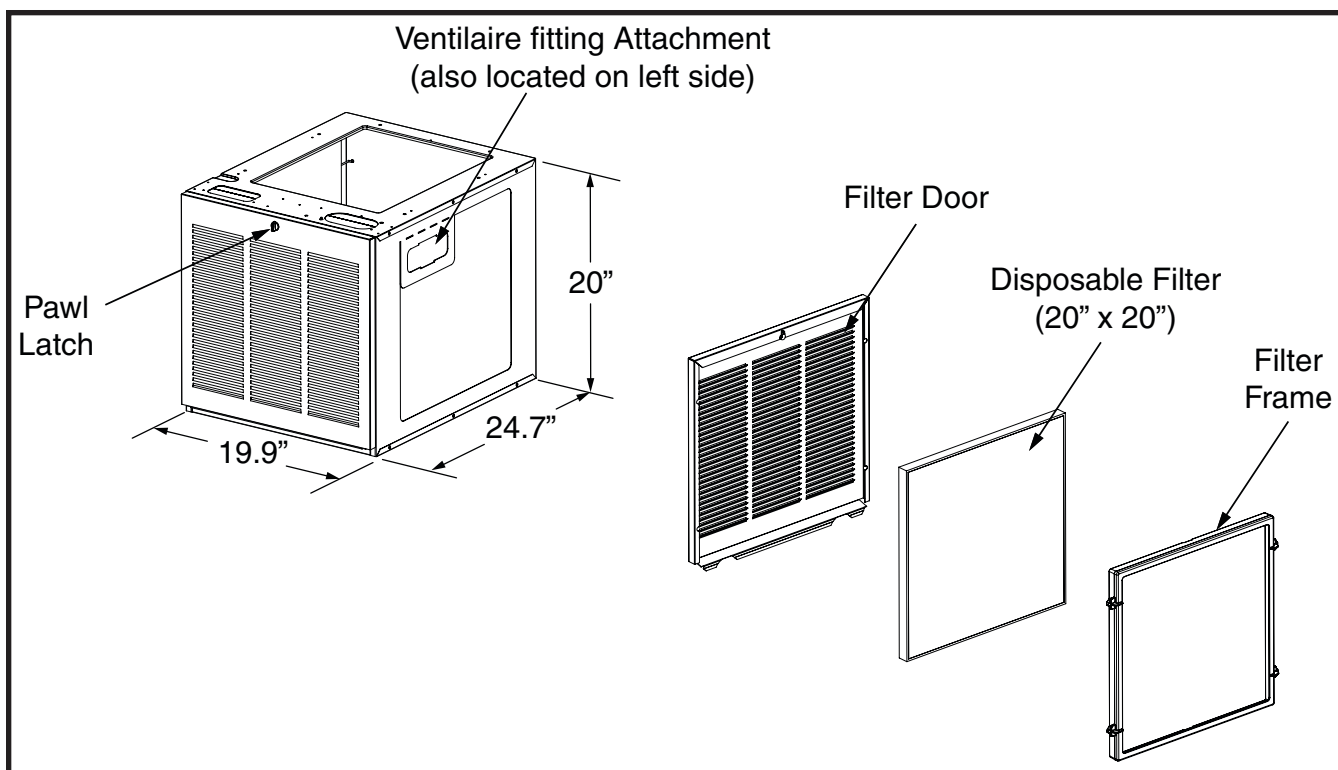


Figure 1. E3 & E4 Upflow Stand

