

**RETURN AIR BASE KIT**

**INSTALLATION INSTRUCTIONS FOR RETURN AIR BASE KITS (65W75, 50W98, 50W99 AND 51W00) USED WITH GAS FURNACES INSTALLED IN THE UPFLOW POSITION**

**Shipping & Packing List**

Package 1 of 1 contains the following:

- 1 - Return air base
  - 1 - front plate
  - 1 - back plate
  - 1 - base plate
  - 1 - right hand side rail
  - 1 - left hand side rail
  - 1 - patch plate
- 12 - Screws

**Application**

Use return air base kits 65W75, 50W98, 50W99 and 51W00 with A, B, C and D cabinet size gas furnaces installed in the upflow position. See table 1 for kit number to cabinet size and figure 6 for the unit and return air base dimensions.

**Assembly**

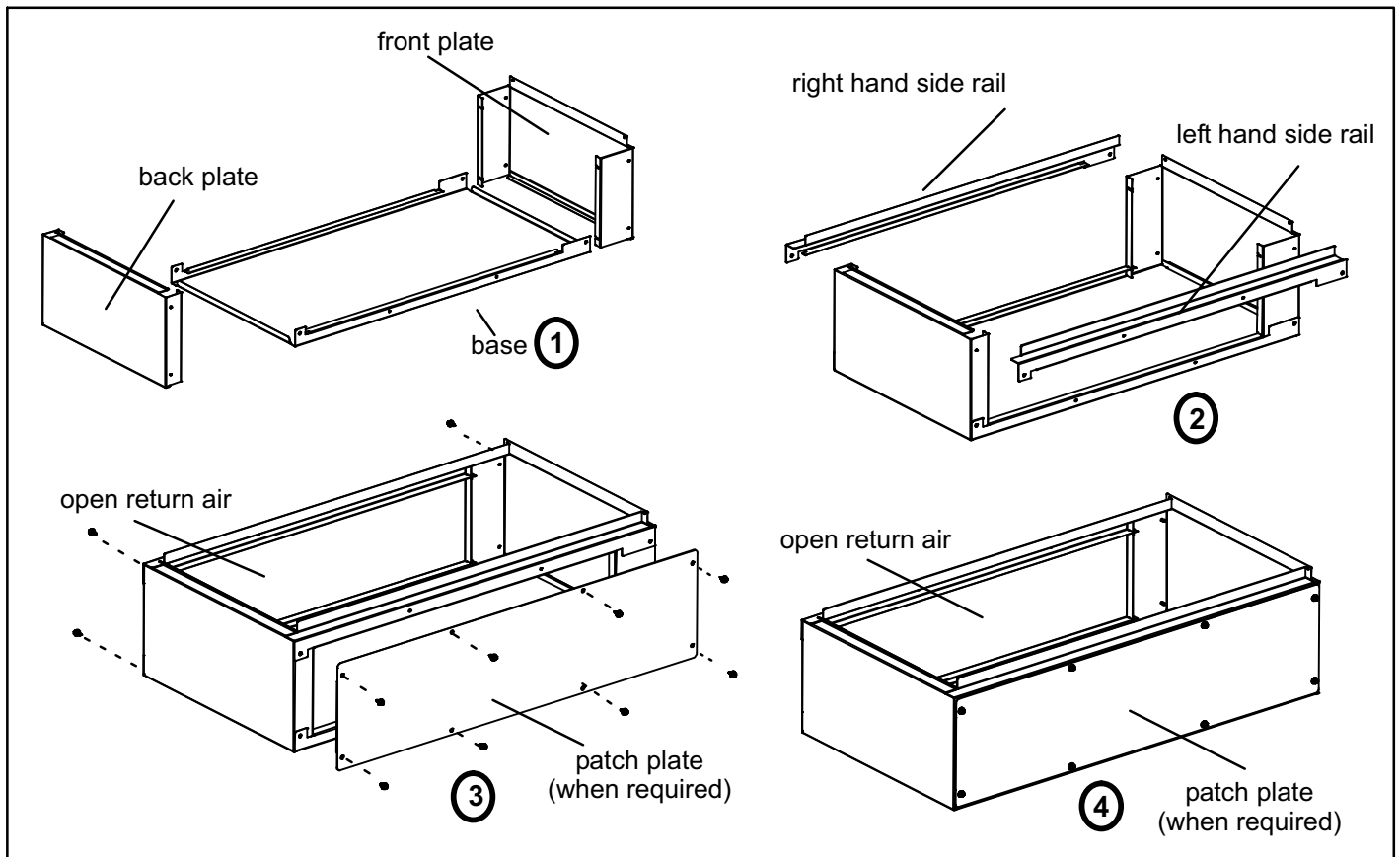
The return air base comes un-assembled in the shipping carton. See figure 1 for assembly.

**! WARNING**

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional installer (or equivalent), service agency or the gas supplier.

**! CAUTION**

As with any mechanical equipment, personal injury can result from contact with sharp sheet metal edges. Be careful when you handle this equipment.



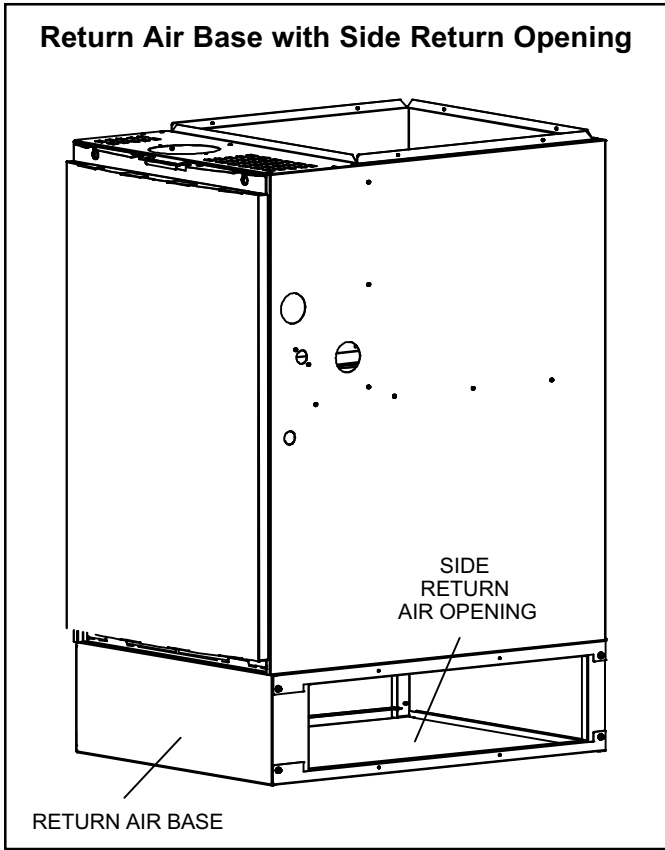
**Figure 1**



**TABLE 1**

Kit Number	Cabinet Size
65W75	A
50W98	B
50W99	C
51W00	D

*NOTE - Install the opening of the return air base on the same side of the furnace as the side return air opening. See figure 2.*



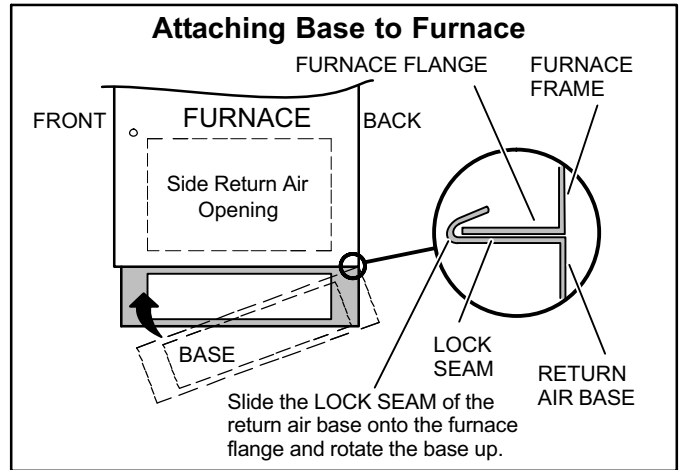
**Figure 2**

**Installation**

Attach the assembled return air base to the bottom of the furnace before installing the furnace.

1. Remove front access panel.
2. Place the furnace on its back.
3. Remove blower access panel.
4. Remove the two screws that secure the bottom cap to the furnace. Pull the bottom cap down to release the bottom panel. Remove and discard the bottom panel and bottom cap. **Keep the existing furnace screws.**

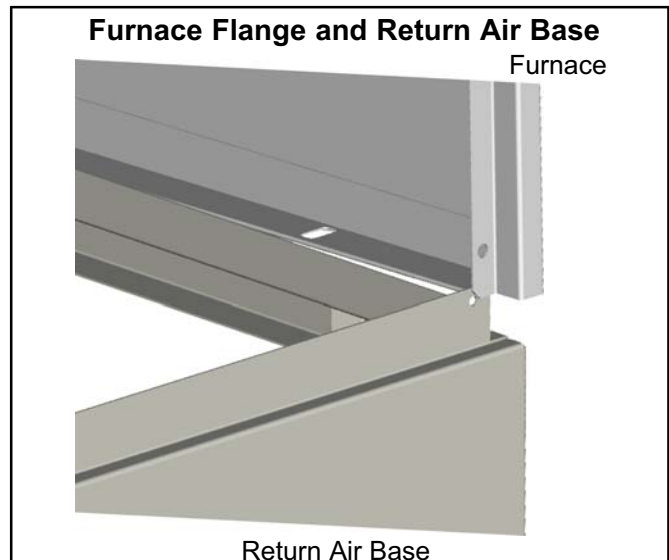
5. Slide the lock seam of the return air base onto the furnace flange. They must fit together properly to create an airtight seal. See figure 3.
6. Align the holes on the furnace's cabinet with the holes on the return air base. The return air base must go under the furnace's flange. Use the screws from the furnace to secure the furnace cabinet and the return air base together. See figures 4 and 5.



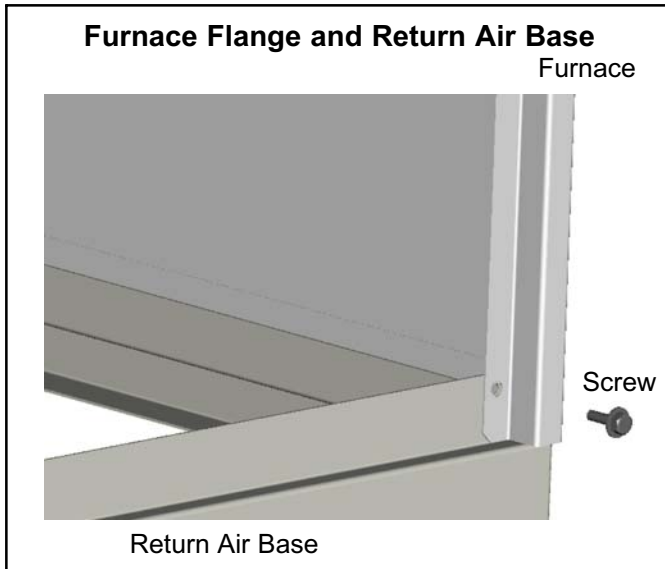
**Figure 3**

7. Stand the furnace upright.
8. Install the furnace according to the furnace's installation instructions.

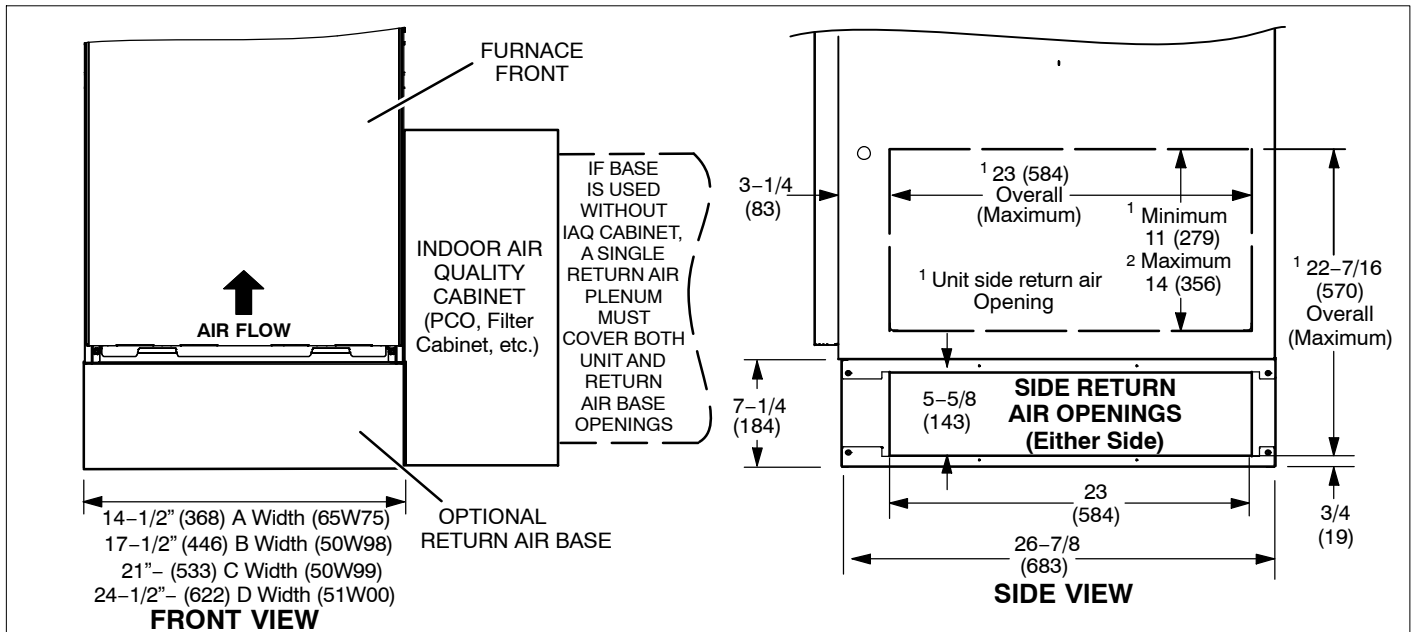
*NOTE - Both unit and base return air openings must be connected to and entirely covered by a single plenum or IAQ accessory opening. Consider sizing requirements for optional IAQ equipment before cutting side return opening.*



**Figure 4**



**Figure 5**



**Figure 6**

