

# INSTRUCTIONS FOR FILTER RACK KIT

Issue 0005

## WARNING

"This kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If the information in these instructions is not followed exactly, a fire, explosion or production of carbon monoxide may result causing property damage, personal injury or loss of life. The qualified service agency performing this work assumes responsibility for the proper conversion and/or installation of this appliance with this kit."

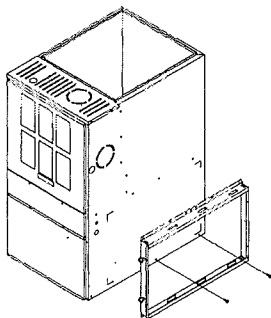
			PARTS INCLUDED IN KIT	
KIT #	CAT. NO.	MODEL*	QTY.	DESCRIPTION
20069901	68L75	(A,B)050-2	2	Top and Bottom Pieces (25" Length)
		(A,B)050-3	2	Rear and Front/Access Pieces for Bottom Return on models 050-2, 050-3, 075-2 & 075-3 (11 3/4" Length)
		(A,B)075-2	2	Rear and Front/Access Pieces for Side Return used on any size unit and Bottom Return on models 075-4, 100-3 & 100-4 (15 1/2" Length)
		(A,B)075-3		
		A075-4	1	Filter (15 1/4" X 25")
		(A,B)100-3	2	Knobs and Screws
		(A,B)100-4	12	Self Drilling Screws
20069902	68L76	A100-5 (A,B)125-5	2	Top and Bottom Pieces (25" Length)
			2	Rear and Front/Access Pieces for Bottom Return (18 7/8" Length)
			2	Rear and Front/Access Pieces for Side Return (15 1/2" Length)
			1	Filter (18 1/2" X 25")
			2	Knobs and Screws
			12	Self Drilling Screws

\* ( - ) DASH IN MODEL MAY BE ANY LETTER "A" THRU "Z".

## ASSEMBLY INSTRUCTIONS

### Side Return Assembly:

1. Remove the (2) screws located on the bottom flange of the unit as shown in Figure 1.1.



SIDE RETURN

Figure 1.1

2. Mount the filter rack bottom piece as shown in Figure 1 by aligning the holes on the filter rack bottom piece with the holes on the unit provided when the screws were removed in step 1.

**NOTE:** Ensure that the slotted tabs on the filter rack bottom piece are facing up as shown in Figure 1.1.

3. Replace the screws into the bottom flange and secure the filter rack bottom piece. Use self drilling screws to further secure the filter rack bottom piece to the unit.
4. Assemble the filter rack back piece (15 1/2" for side return on all size units) to the filter rack bottom piece as shown in Figure 2.1 making sure that one of the 1/2" flanges is located to the bottom outside of the assembly and the locking tabs are engaged on the assembly. **Do not** secure with screws at this time.

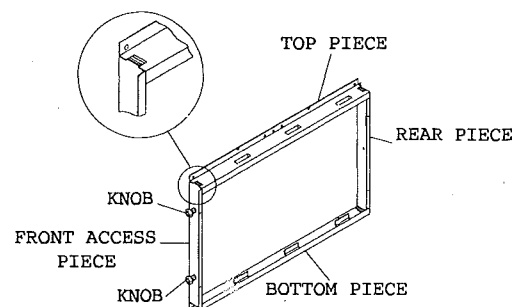


Figure 2.1

5. Assemble the filter rack top piece as shown in Figure 2.1 making sure that the slotted tabs are facing downward and the locking tabs are engaged on the assembly. Do not secure with screws at this time.
6. Attach the knobs to the front access piece using the holes provided on the part and assemble the filter rack access/front piece (15 1/2") to the assembly as shown in Figure 2.1 ensuring that one of the 1/2" flanges is to the bottom inside of the assembly and the locking tabs are engaged on the assembly.
7. Square the entire assembly (ensuring that the top and bottom pieces are straight horizontally and the rear piece and front access piece are straight vertically in relation to each other) to the unit and secure the filter rear and filter top pieces to the unit using self drilling screws and the guide holes provided in the filter rack pieces. **Do not** secure the filter front/access piece to the unit as it will need to be removed for filter service. The locking tabs on the assembly will hold the front/access piece securely in place. See Figure 1.2.

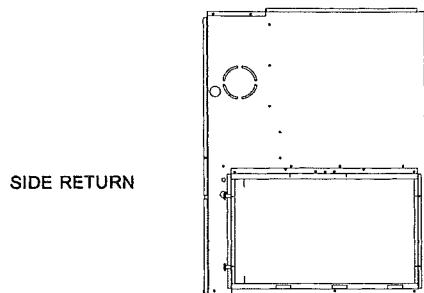


Figure 1.2

8. For Kit #20069902/Cat. No. 68L76 kits only:  
*trim filter from 18 1/2" x 25" to 15 1/4" x 25".*
9. Remove the filter rack front/access piece and slide the filter between the slotted tabs on the top and bottom pieces. Re-assemble the front/access piece ensuring that the locking tabs are engaged and the knob faces outward.

### **Bottom or End Return Assembly:**

**NOTE:** If assembling on models 050-2, 050-3, 075-2 and 075-3 furnaces the 11 3/4" rear and access pieces will be used.

If assembling on models 075-4, 100-3 and 100-4 furnaces the 15 1/2" pieces will be used.

If assembling on models 100-5 and 125-5 the 18 7/8" rear and front/access pieces will be used. In all applications the 25" top and bottom pieces will be used. You may discard pieces not required for the application in which the filter kit is being used.

**IMPORTANT:** See furnace installation instructions for removal of the back portion of the two piece bottom panel.

1. Slide the rear filter piece flange under the 3/4" flange on the back bottom end of the unit. (Figure 2.2)

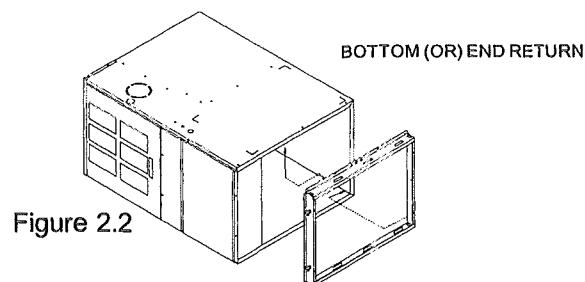


Figure 2.2

2. Slide the bottom filter rack piece (slotted tabs facing up) under the bottom 3/4" flange on the bottom end of the unit and slide the rack towards the rear of the unit and engage the locking tabs onto the rear filter piece positioned in step 1 (Figure 2.2). Secure the bottom piece using self drilling screws placed into the 3/4" flange on the unit, and through the remaining portion of the base panel.
3. Slide the top filter rack piece (slotted tabs facing down) under the top 3/4" flange on the bottom of unit and slide the rack towards the rear of the unit and engage the locking tabs onto the rear filter piece (Figure 3.2).

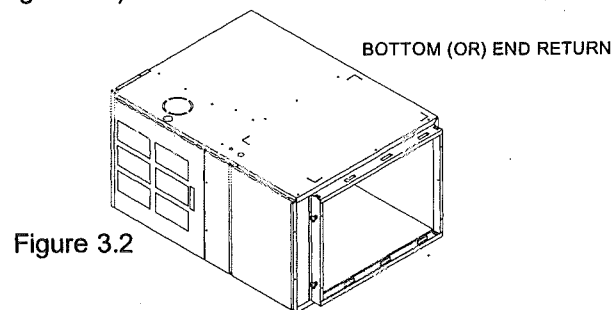
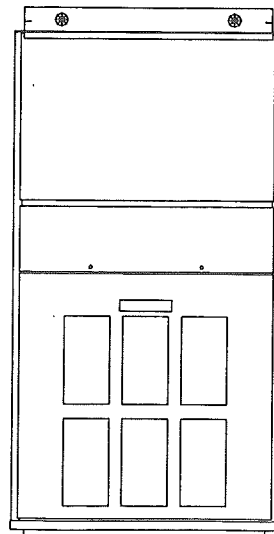


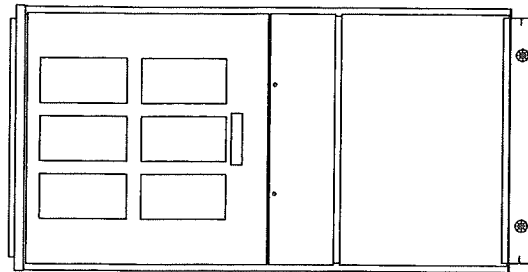
Figure 3.2

4. Attach the knobs to the front access piece using the holes provided on the part and assemble the filter rack access/front piece to the assembly ensuring that the 1/2" flange is to the bottom inside of the assembly and the locking tabs are engaged on the assembly (Figure 3.2).
5. Square the entire assembly (ensuring that the top and bottom pieces are straight horizontally and the rear piece and front access piece are straight vertically in relation to each other) and secure using self drilling screws into the 3/4" flange. **Do not place any screws into the front access piece as this needs to be removed when servicing filters.**
6. Trim the filter to the needed size.  
If installing on models 050-2, 050-3, 075-2 and 075-3 the filter needs to be cut down from 15 1/4" x 25" to 11 1/2" x 25".  
If installing on models 075-4, 100-3, and 100-4 the filter can be used as is.  
If installing on models 100-5 and 125-5 the filter can also be used as is for bottom returns.
7. Remove the filter access piece and install the filter between the slotted tabs on the top and bottom pieces. Reattach the filter access piece ensuring that the locking tabs are engaged on the assembly and the knob faces outward.

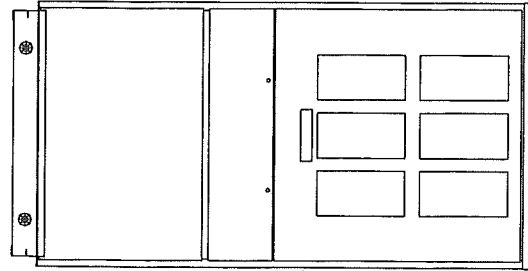
# Furnace Positions with Filter Rack Installed



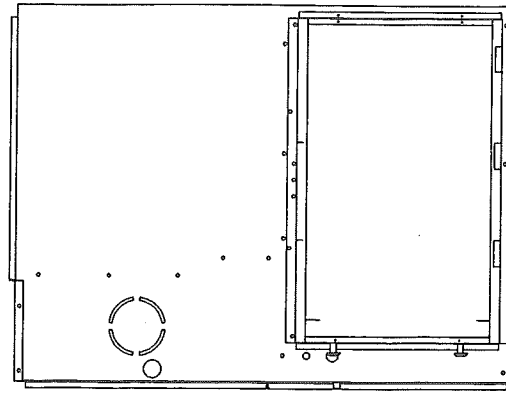
LEFT TO RIGHT HORIZONTAL  
AND  
RIGHT TO LEFT HORIZONTAL



UPFLOW



DOWNFLOW



SIDE RETURN  
(LEFT OR RIGHT)

## Filter Rack on Bottom Return (End Return)

