

Installer's Guide

1" - 2" Filter Rack Kit

Model:	Used With:
BAYFLTR101B	2/4YC*,WC*,TC*,DC**018-036A
BAYFLTR201B	2/4YC*,WC*,TC*,DC**042-060A

⚠ WARNING: HAZARDOUS VOLTAGE - DISCONNECT POWER BEFORE SERVICING

ALL phases of this installation must comply with NATIONAL, STATE AND LOCAL CODES

IMPORTANT — This Document is **customer property** and is to remain with this unit. Please return to service information pack upon completion of work.

Filter Rack Installation

NOTE: This filter rack is required when installing an economizer or any outside air damper.

- Open the Optional Filter Access Door or if not installed, remove the Coil Access Panel on the return end of the unit. See Figure 1.
- If 2-inch filters are to be used, remove the upper and lower filter supports. The filter supports are not used with 2-inch filters.
- UPPER FILTER CHANNEL ASSEMBLY:**
 - Remove the screw from the top of the right coil blank-off plate just inside the Coil Access opening, see Figure 2.
 - Hook the left side of the upper filter bracket into the tab projecting from the rear/left end of the indoor coil hairpin flashing.
 - Install the right side of the upper filter bracket aligning slots to slots, onto the right coil blank-off plate with the screw removed above, see Figure 3. Leave screw loose for now, you will tighten it in step 4.
- LOWER FILTER CHANNEL ASSEMBLY:**
 - Remove the screw from the bottom of the right coil blank-off plate.
 - Slide the lower filter channel across the drain pan and place the channel bracket lip over the drain pan. Attach the right side of the bracket to the right side blank off panel. Align slot to slot with the screw removed above, leave screw loose for now.
 - Slide the filter retainer angle behind the screws that hold the coil blank-off plate. Adjust, then tighten both top and bottom screws. See Figure 3.

⚠ WARNING

HAZARDOUS PRESSURES!

Coils contain refrigerant under pressure. When attaching filter channel assemblies and filter retainer angle to coil blank-off plate use **ONLY** the holes from which you removed the screws. Failure to follow these safety precautions could result in coil bursting, which could result in death or serious injury.

- Lift the spring tab and install the appropriate filter(s). This may require manipulation of the front filter. For ease of installation, check the dimensions of the filters you are installing and install the filter with the tallest height in the rear and the shorter filter in the front. Close the Optional Filter Access Door or reinstall the Coil Access Panel. See Table 1 for appropriate filter sizes.

NOTE: For unit horizontal applications, Return Air Panel is to remain attached to the unit base pan return opening. Bottom filter rack channel will sit on top of Return Air Panel perimeter flange.

⚠ CAUTION

SHARP EDGE HAZARD!

Be careful of sharp edges on equipment or any cuts made on sheetmetal while installing or servicing. Personal injury may result.

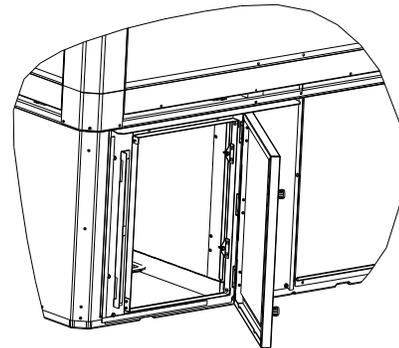
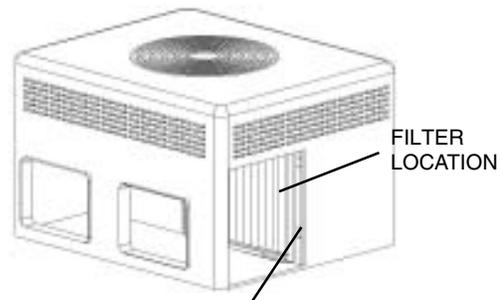


Figure 1. Optional Filter Access Door

NOTE: If you have not installed an Optional Filter Access Door (BAYACCDOR1A or BAYACCDOR2A), remove Coil Access Panel on return end of unit.



**SIDE BLANK-OFF PLATE (EACH SIDE OF COIL)
REMOVE AND REUSE RIGHT-SIDE SCREWS FOR
ATTACHMENT OF UPPER AND LOWER FILTER
CHANNELS AND FILTER RETAINER ANGLE)**

Figure 2. Right Side Blank-Off Plate

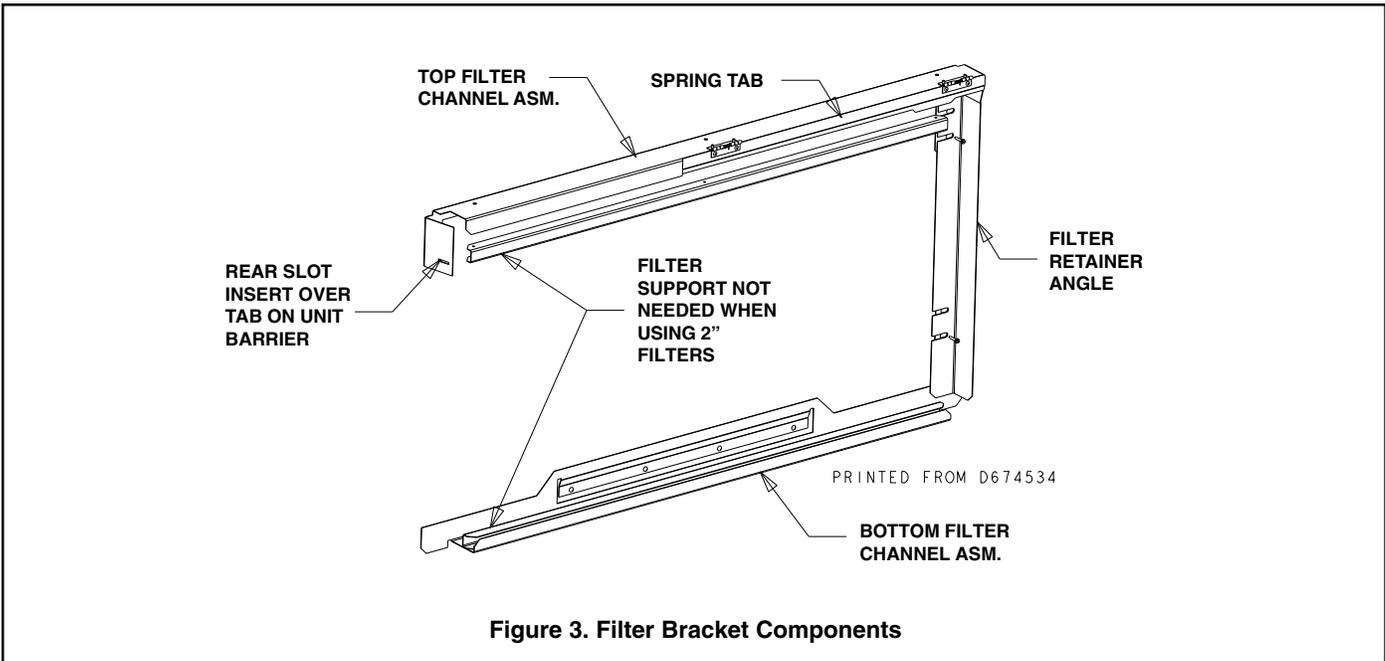


Figure 3. Filter Bracket Components

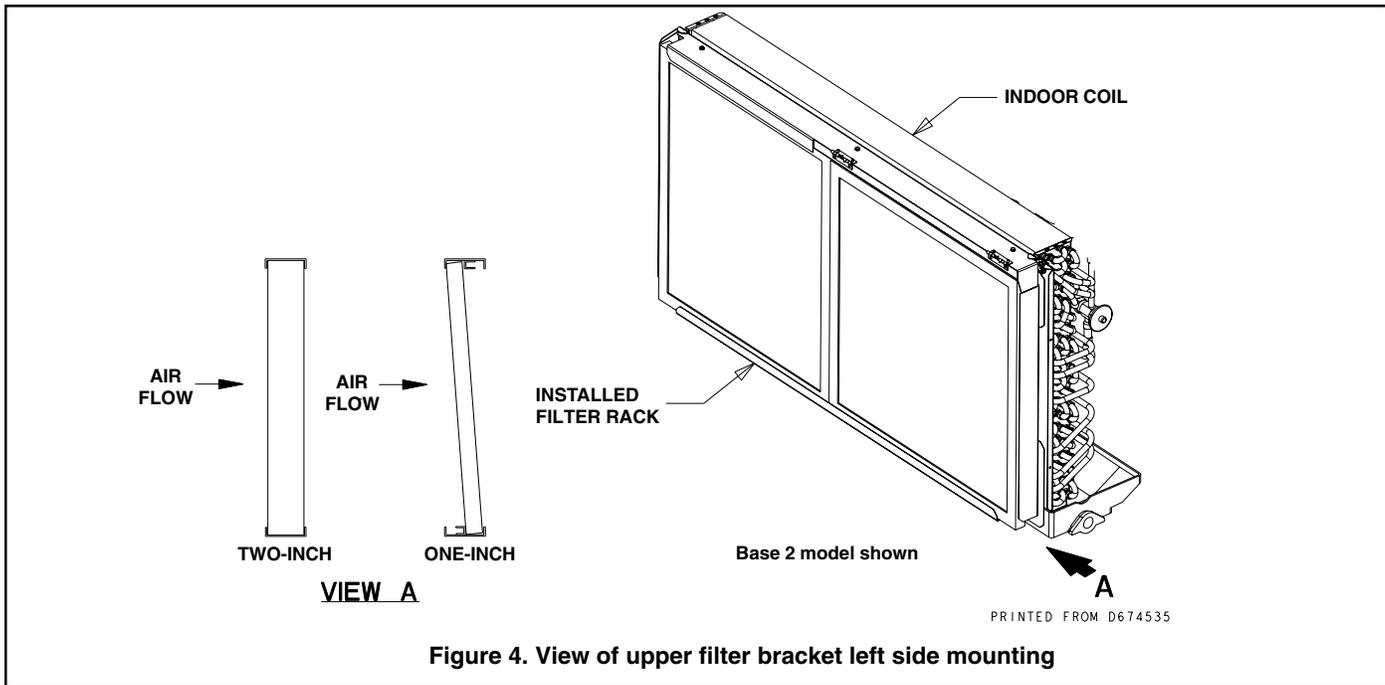


Figure 4. View of upper filter bracket left side mounting

Table 1. Filter Rack Filter Sizes

Filter Rack Filter Sizes	
Unit Size	Filter Size
Base 1 models (*018 to *036)	Use one 20 X 25 filter (1 or 2 inch) Excludes 2 inch pleated when using both downflow economizer and optional access door.
Base 2 models (*042 to *060)	Use one 20 X 20 plus one 20 X 18 filter (1 or 2 inch) standard or pleated filters