

INSTALLATION INSTRUCTIONS

RETURN AIR GRILLE / ACCESS PANEL

LEFT and RIGHT Hinged

For Use With Vert-I-Pak and VRP07

Refer to Chassis Installation/Operation Manual for additional information.



FRIEDRICH

RETURN AIR
GRILLE / ACCESS
PANEL

VPRG4/VPRG4R

Please read these instructions completely before attempting installation.

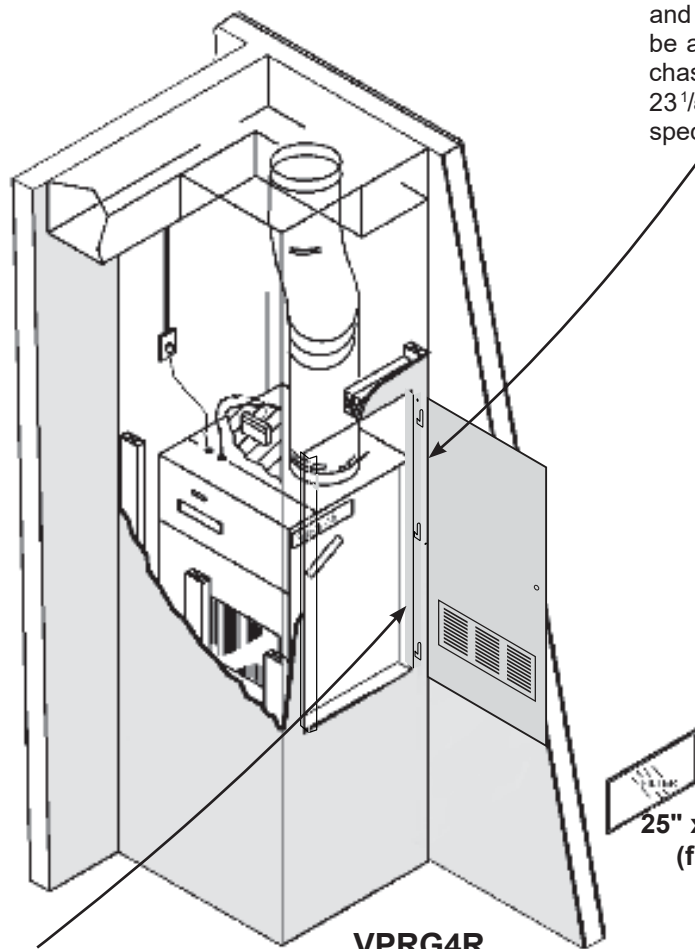
Parts Included in this Kit

- VPRG4/VPRG4R Return Air Grille / Access Panel
(58" Tall x 29" Wide)
- 2x Mounting Bracket (left and right)
- Mounting Screws

Parts not Included in this Kit

- 25" x 20" Filter
- 5/32" Allen wrench for latch mechanism operation

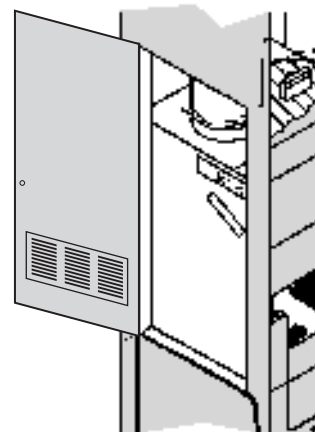
Frame and sheetrock the access hole to 27" wide and 55³/₄" tall. The bottom of the opening should be at the same level as the floor or subbase. The chassis must fit thru this opening. The chassis is 23¹/₈" wide and 32¹/₄" or 47" tall (consult chassis specifications for actual dimensions).



Side Bracket

VPRG4R
Return Air Grille
RIGHT HINGED

25" x 20" Nom. Filter
(field supplied)



VPRG4
Return Air Grille
LEFT HINGED

Step 1

Determine the orientation of the door.

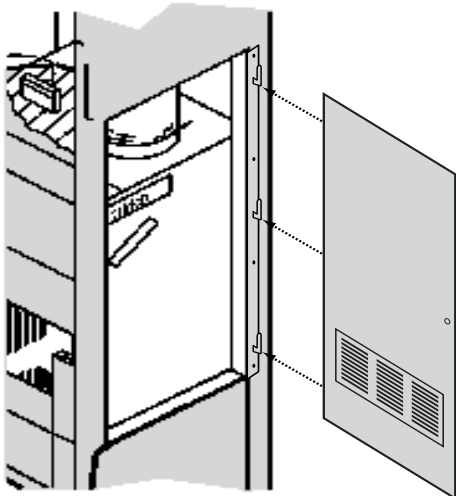
The VPRG4/VPRG4R Kit comes with two mounting hinges. For VPRG4, one of the hinges mounts to the left side of the opening and locates the return air openings at the lower portion of the door (View A).

The other mounts the hinge to the right side of the opening and locates the return air openings at the upper portion of the door (View B).

This provides an option for the direction that the door will open. In some cases, it can aid in sound attenuation by locating the return air openings away from the evaporator opening on the unit.

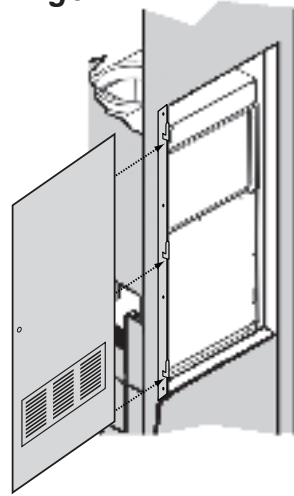
Follow STEPS 2A through 6A (next page) for left side mounting (View A)

Follow STEPS 2B through 6B (next page) for right side mounting (View B).

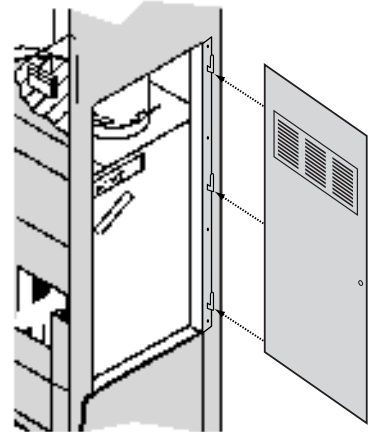


NOTE: VPRG4R is a right hinged door that locates the return air openings at the lower portion of the door. Follow the same installation method specified below.

View A
Left hinge

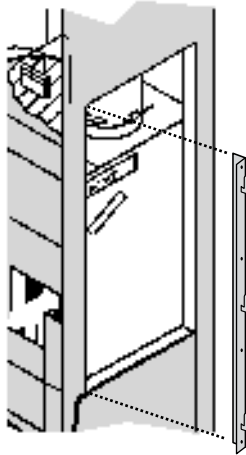


View B
Right hinge



Step 2A

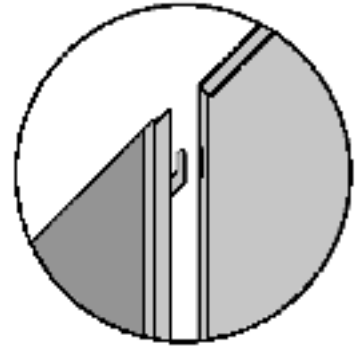
Mount the Side Bracket to the left side of the wall opening. The Side Bracket must be plumb (vertical). Secure with four #8 x 1 1/4" pan-head screws. NOTE: Hinge tabs must point upward.



Mounting the Side Bracket

Step 3A

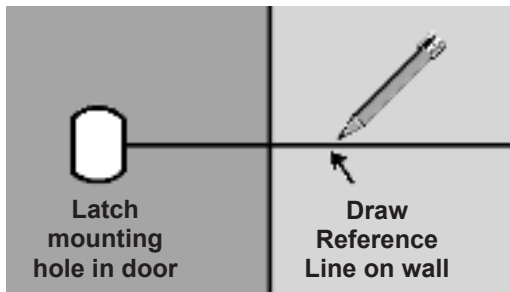
Install door onto the Side Bracket. Be sure that the access door has engaged the three tabs, and the door is against the side mounting bracket.



Mount the Door on the Side Bracket

Step 4A

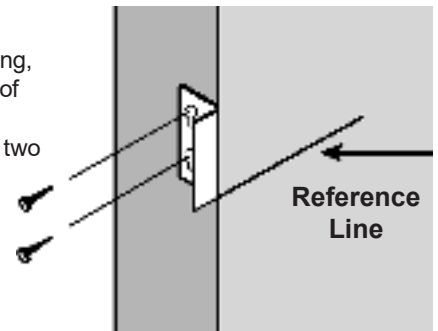
Close the door. Draw a temporary horizontal reference line on the wall adjacent to the center of the latch mounting hole.



Latch Bracket Installation

Step 5A

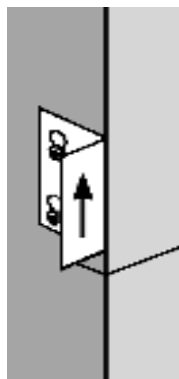
Attach the latch bracket to the opening, aligning the bottom of the bracket with the reference line. Use two #18 x 1 1/4" screws. Do not tighten.



Latch Bracket Installation

Step 6A

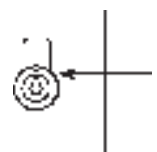
Slide the bracket upward and tighten the mounting screws.



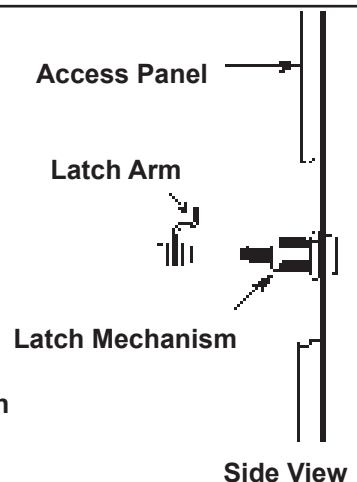
Installing Latch Bracket

Latch mechanism

NOTE: The latch mechanism should already be factory mounted. This assembly is shown for reference. The latch arm is adjustable to provide a secure, rattle-free installation. Install the filter.



Front View

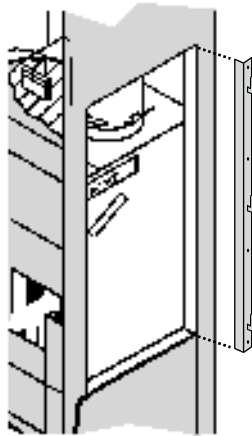


Side View

Mounting Latch

Step 2B

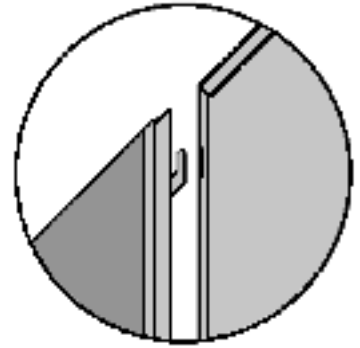
Mount the Side Bracket to the right side of the wall opening. The Side Bracket must be plumb (vertical). Secure with four #8 x 1 1/4" pan-head screws. NOTE: Hinge tabs must point upward.



Mounting the Side Bracket

Step 3B

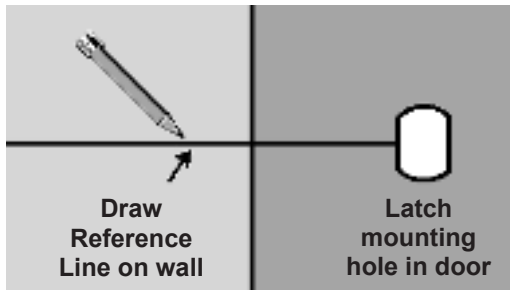
Install door onto the Side Bracket. Be sure that the access door has engaged the three tabs, and the door is against the side mounting bracket.



Mount the Door on the Side Bracket

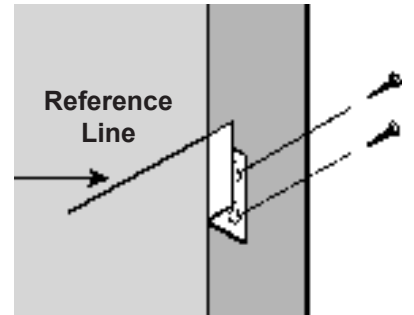
Step 4B

Close the door. Draw a temporary horizontal reference line on the wall adjacent to the center of the latch mounting hole.



Step 5B

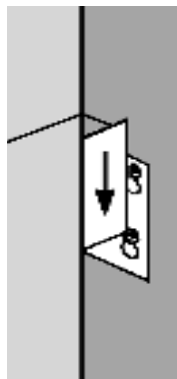
Attach the latch bracket to the opening, aligning the bottom of the bracket with the reference line. Use two #18 x 1 1/4 screws. Do not tighten.



Latch Bracket Installation

Step 6B

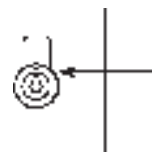
Slide the bracket downward and tighten the mounting screws.



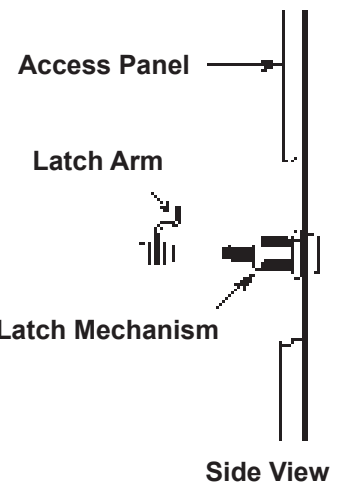
Installing Latch Bracket

Latch mechanism

NOTE: The latch mechanism should already be factory mounted. This assembly is shown for reference. The latch arm is adjustable to provide a secure, rattle-free installation. Install the filter.



Front View



Mounting Latch