



**NATIONAL
COMFORT
PRODUCTS**
HEATING & A/C EQUIPMENT

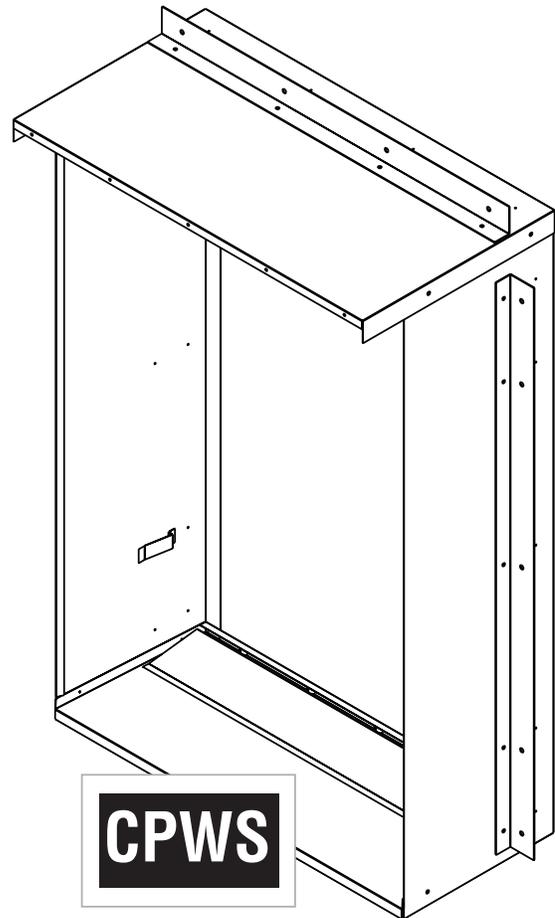
Thru-the-Wall Comfort for all types of Multi-Family Construction

Assembly/ Installation Guide

Wall Sleeve

This unit should
be installed in an

**OUTSIDE WALL FOR
THRU-THE-WALL
INSTALLATION ONLY!**



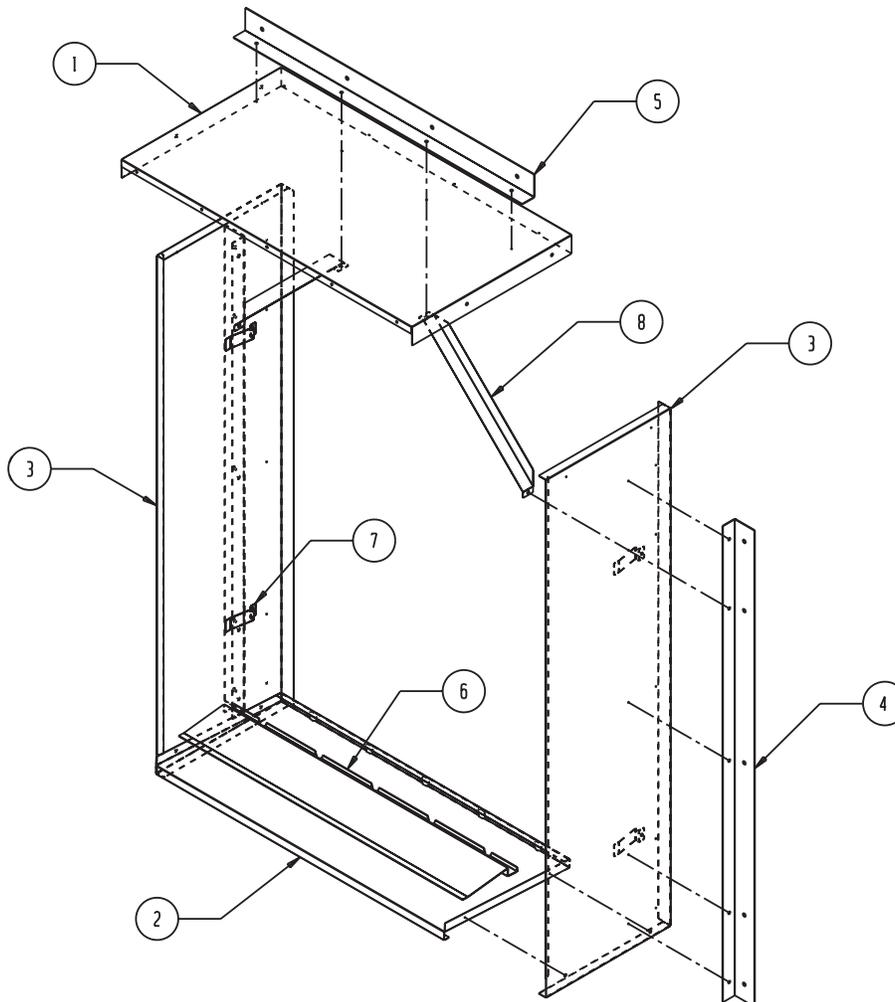
Go Thru-the-Wall

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HEATING & A/C EQUIPMENT

National Comfort Products
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Wall Sleeve Parts Identification List

ITEM	DESCRIPTION	PART NO.	QUANTITY
1	Top Panel	14256146	1
2	Bottom Panel	14256147	1
3	Side Panel	14256148	2
4	Side Mounting Bracket	14256149	2
5	Top Mounting Bracket	14256150	1
6	Bottom Guide	14256151	1
7	Side Guide (Mounted)	14256152	4
8	Gusset	14256153A	2
9	10 x 3/8" Hex HD Screw	14295024	26
10	Steel Rivet (Mounted)	14295025	8
11	Seal (not shown)	14231014	15 ft.
12	Isolation Grommet (not shown)	14293018	5
13	Flat Washer (not shown)	14295005	5
14	14-14, 1 1/4" Sheet Metal Screw (not shown)	14395023	5
15	Assembly Instructions	14299576	1



Wall Sleeve (CPWS) Assembly Instructions

CAUTION: Always wear safety glasses when working with tools! Over-tightening the screws may strip the retaining holes. Read all of the assembly instructions steps before proceeding.

1. Identify ALL of the parts shown in the parts list. If any parts are missing, notify the factory for replacement(s).
2. On the top panel and both side panels, the wider flange is to be positioned as the front (outside) surface. Attach one gusset to the inside of the side panel selected for the left side by inserting the screw through the hole in the gusset and using the 1/8" hole located 9 1/4" down from the top flange and 1 1/2" in from the 7/8" front (outside) flange.
3. Attach the other gusset to the inside of the other side panel selected for the right side by inserting the screw through the hole located 9 1/4" down from the top flange and 1 1/2" in from the 7/8" front (outside) flange.
4. Position the top of the right side panel inside the right end of the top panel with the front flanges together. Attach by using two screws through the top panel side flange holes into the right side panel.
5. Position the top of the left side panel inside the left end of the top panel with the front flanges together. Attach by using two screws through the top panel side flange holes into the left side panel.
6. Attach the gussets to the inside of the top panel by placing the screws through the holes in the gussets and attaching them to the top panel using the holes 1" from the front (outside).
7. Attach the bottom panel to the bottom of both side panels using screws through the side panels into the bottom panel.
8. Place the bottom guide on the bottom panel so that the drain holes align.
9. Two sets of holes are provided in the side and top panels for attaching the mounting brackets. Select the set of holes that provide the appropriate spacing for your installation. Attach the top mounting bracket to the outside of the top panel using four screws through the shorter flange of the top mounting bracket into the top panel.
10. For installing the side mounting brackets, select the set of mounting holes in the side panels that matches the distance from the front flange that was used on the top panel in **Step 9**. Install the side mounting brackets to the outside of each side panel using five screws through the shorter flange of each side mounting bracket into each side panel.
11. The Wall Sleeve must be square for the cabinet to slide into it. Position the Wall Sleeve in the opening. After verifying that the Wall Sleeve is square in the opening, attach the Wall Sleeve to the building.
12. After securing the Wall Sleeve to the building, remove the gussets. Caulk all seams including the front corners.

13. Install the isolation grommets into the five holes in the top mounting angle on the Comfort Pack unit.

14. Carefully slide the Comfort Pack unit into the Wall Sleeve so that the front of the unit is in contact with the front flanges of the Wall Sleeve. Put a flat washer onto each 1 1/4" screw and install the five screws through the grommets in the top mounting angle of the Comfort Pack unit into the Wall Sleeve and tighten. Over-tightening the 1 1/4" screws will deform the isolation grommets and reduce their effectiveness.

15. Installing and locating the wall sleeve, to the building.

1. Distances to windows that open, building openings, or public walkways should be consistent with the National Fuel Gas Code Z223. 1 or CAN/CGA-B149. 1 & 2.

2. For U.S. installations, the vent system shall terminate a minimum horizontal clearance of 4' from electric meters, regulators, and relief equipment. For installations in Canada, refer to the current CAN/CGAB149.1 & 2 or the authorities having local jurisdiction.

- Flue products will not cause degradation to building materials.

Installing Wall Sleeve

Make sure the gaskets attached to the sleeve are not damage. The wall sleeve should be installed so the bottom panel extends a minimum of 3/4", beyond the outside surface of the wall to prevent water entry. Mounting angles are included from the factory, to secure the unit into the wall. The openings across the top and bottom of the wall sleeve should be flashed. Masonry walls **must** have a lintel to support the wall.

All openings around the top bottom and sides **must** be caulked and sealed.

The wall sleeve and the building opening.

Use non-hardening caulking compound. The seal must be weather tight to prevent entrance of moisture and water into the building.

Wall Sleeve Insert Installation Instructions

1. Remove insert from wall sleeve box



3. Unfold the insert of the wall sleeve



2. Place insert inside assembled



4. The insert should rest against the inside flanges of the wall sleeve



Wall Sleeve Insert Installation Instructions (Continued)

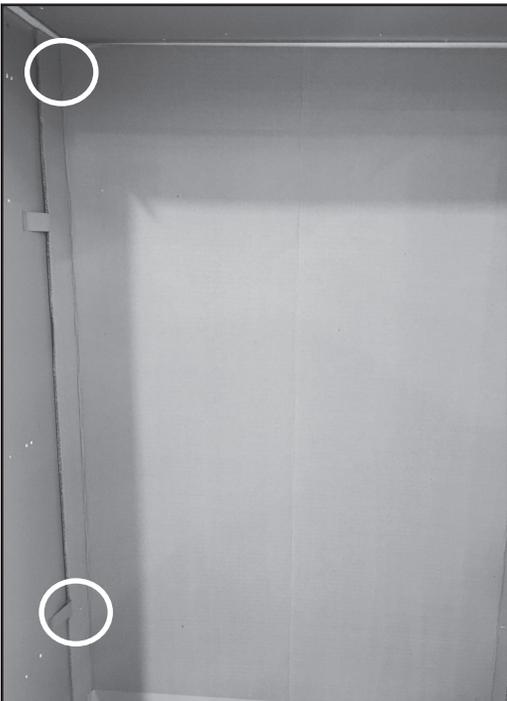
5. Push the left and right ends of the insert behind the tabs that are mounted on the wall sleeve



7. Tape the top, bottom and side of the insert to insure that the least amount of outside air can get behind and dislodge the insert.



6. Press insert ends so that the screw punches the insert and creates a hole. This locks the insert into a more fixed position.

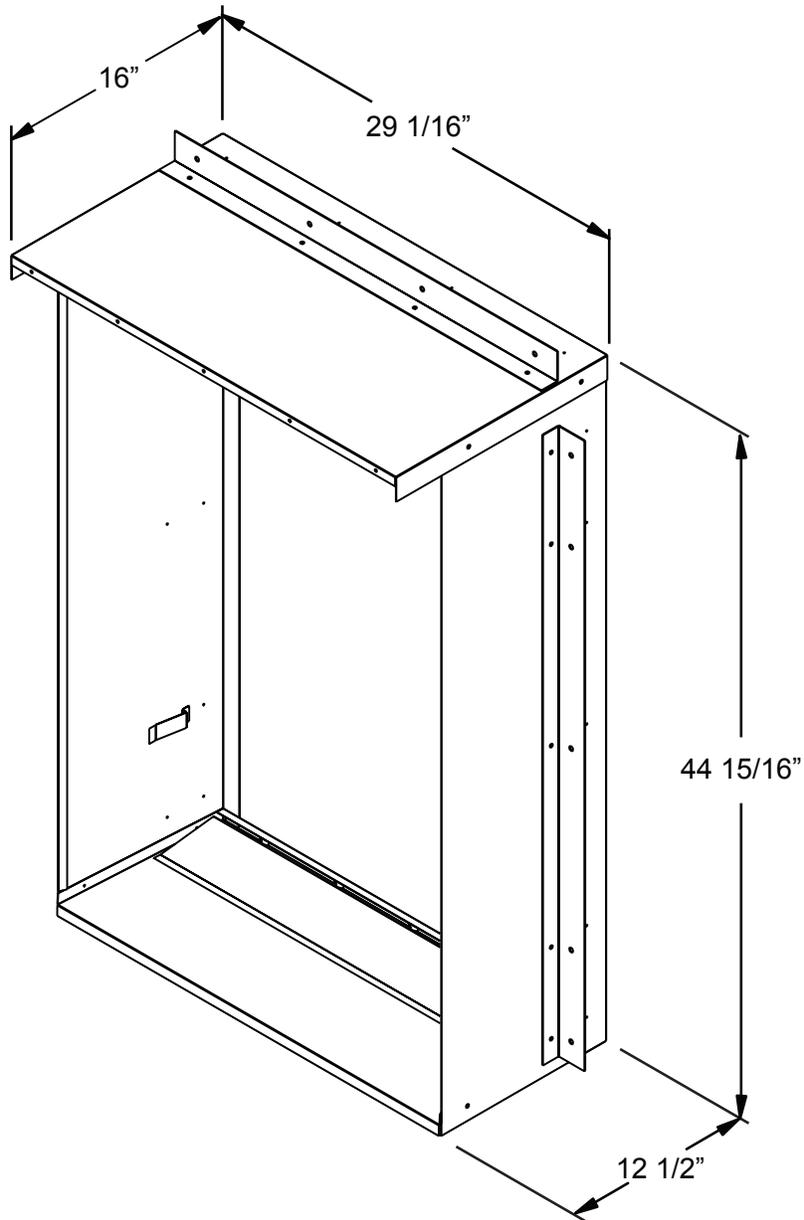


Please Note: This insert is intended to close the opening in the wall sleeve. It is not a permanent structure and will not prevent water/elements from entering the contractors work area.

Wall Sleeve Dimensions

Actual Wall Sleeve Dimensions: 29 1/16" W x 44 15/16" H x 16" D (Top) and 12 1/2" D (Bottom)

Rough In Dimensions: 29 9/16" W x 45 7/16" H



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