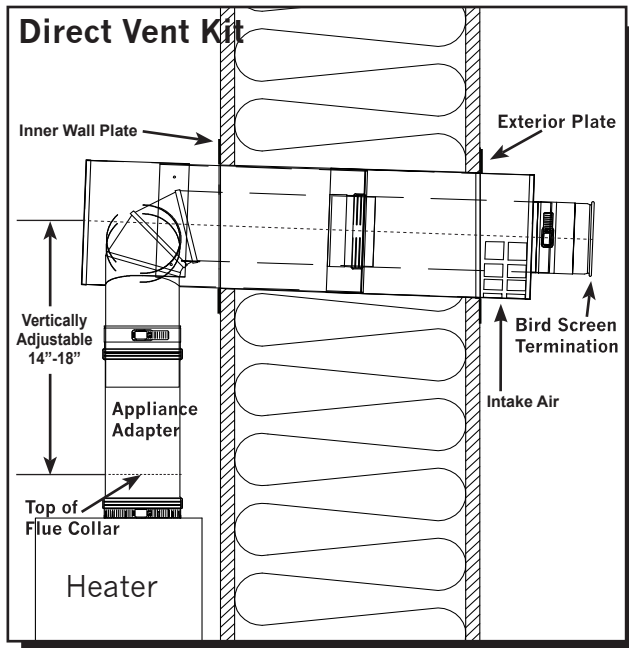




FasNSeal® FSEDVWMT04 CONCENTRIC VENT KIT INSTALLATION INSTRUCTIONS



FSEDVWMT04 Concentric Vent Kit For wall thicknesses from 10" through 18"

This FasNSeal® Vent Kit is designed for sidewall venting tankless water heaters and wall hung boilers. It has six easy-to-install parts that at once provide the exhaust for flue gases and air supply for the combustion process. Standard FasNSeal® components can be used to complement and expand this kit.

Be sure to read these and the appliance manufacturer's instructions before proceeding with installation. Find additional information and requirements regarding the use and installation of FasNSeal® products in PTS Literature No. 1150B, "FasNSeal® Vent System Installation Instructions." Always adhere to all relevant local codes and regulations.

All warranties, stated or implied, are void if this product and the appliance to which it is connected are not installed in accordance with their respective instructions and jurisdictional code requirements.

Proper joint assembly is essential for safe system performance.

GENERAL REQUIREMENTS

WARNING: Failure to conform to any of these requirements may violate local, state, or national codes and create conditions that may cause catastrophic property damage or personal injury.

- Proper operation of vent systems and appliances depend on the correct use and assembly of all parts as specified by ProTech Systems, Inc.
- Do not connect more than one appliance to any FasNSeal® Vent Kit.
- Do not allow any contact between FasNSeal® components and plumbing or electrical systems.
- Maintain proper clearances to combustibles over the entire length of the system.
- Never install FasNSeal® on an appliance that is not listed for use with a Special Gas Vent (US) or Type BH Vent (Canada).
- Additional FasNSeal® vent lengths can be installed for extended runs. However, the overall equivalent length of the system must not exceed the specifications as per the appliance manufacturer's instructions.
- The termination should be installed away from trees, shrubs, or decorative items, as flue gases are caustic and can be damaging.
- The vent system must be free to expand and contract.
- Do not mix vent lengths, fittings, or joining methods made by different manufacturers, as that voids any and all FasNSeal® warranties and UL® listings.
- Do not install this kit for appliances that produce flue gas temperatures exceeding 550° F.

WARNING: Do not penetrate or puncture any part of these vent systems.

GENERAL VENT TERMINATION GUIDELINES:

NOTICE: The following is to be used as a guideline only. Check with the Code enforcement office in your area for specific termination requirements.

Vent terminals of direct-vent appliances rated at 10,000 Btu/hr (3 kW) input or less shall be located at least 6 in. (150 mm) from any air opening into a building.

Appliances rated between 10,000 Btu/hr (3 kW) and 50,000 Btu/hr (14.7 kW) shall be installed with a 9 in. (230 mm) vent termination distance.

Appliances rated over 50,000 Btu/hr (14.7 kW) input shall have at least a 12 in. (300 mm) distance from any building opening.

The bottom of the vent terminal and the air intake shall be located at least 12 in. (300 mm) above grade. In geographical areas where snow accumulates, terminate the system at least 12 inches above the snow line. The termination must be kept clear of snow and ice at all times.

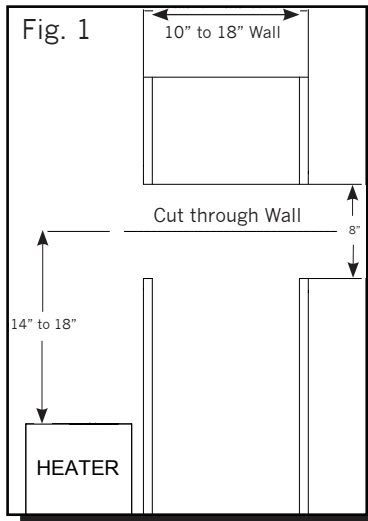
Do not terminate over public walkways or over an area where condensate or vapor could create a nuisance or hazard, or could be detrimental to the operation of electronic regulators, relief valves, or other equipment.

INSTALLATION INSTRUCTIONS

Examine all components for possible shipping damage prior to installation.

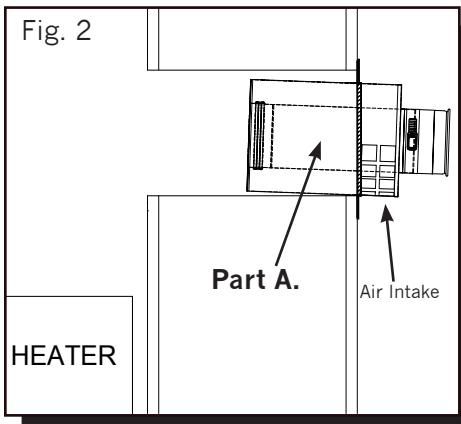
Install heating appliance according to manufacturer's installation instructions.

NOTE: This concentric kit is designed to drain condensates to the outside of a home. Its pitch is determined by the Outer Wall Plate that is welded onto Part A.

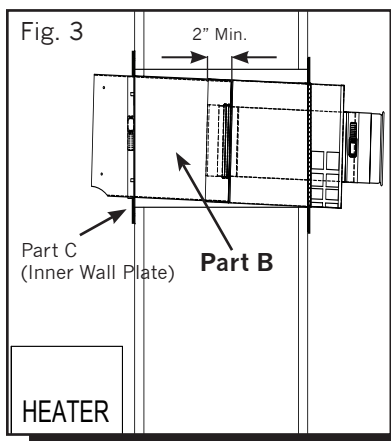


1. Considering the guidelines above, determine the best location for the 8" round or square hole that needs to be cut through the wall. As the outer diameter of Part A is only 7", always rest Part A on the bottom of the round or square opening in the wall. This arrangement accommodates the required pitch for any wall thickness between 4" and 18".

2. Before placing Part A into the 8" hole from the outside, apply a bead of silicone around the perimeter and onto the side of the wall plate that will be placed against the home. Push the plate tightly against the outside wall to get a good weather seal and then fasten with screws.



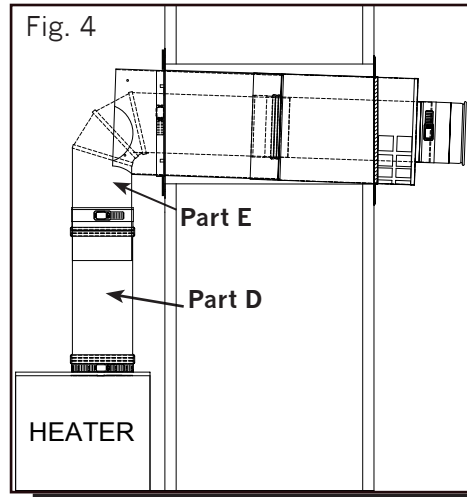
Air intake holes must face down!



3. From the inside of the home, insert Part B into Part A. By not exceeding 18" of wall thickness, a min. of 2" penetration between these two parts is assured.

Slide Inner Wall Plate (Part C) over Part B.

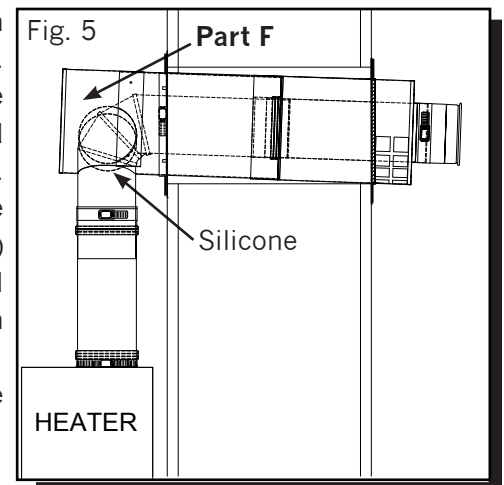
4. Slide the Appliance Adapter (Part D) onto the shorter end of the Elbow (Part E). insert the longer end of the elbow into Part B. Adjust Part B until the short end of the elbow is engaged in its cut-out and the Appliance Adapter is aligned vertically with the flue outlet of the heater. Pull Part B onto Part D. Push the Inner



Wall Plate against the wall and fasten.

5. Place the End Cap (Part F) so that the air supply opening of the End Cap points towards the air intake of the heater, then fasten with screws.

Apply silicone between the end cap and elbow. Pull Appliance Adapter (Part D) onto heater. Install flex hose between the air intake of the heater and the End cap.



Prior to initial start up, check the entire system to ensure all joints are secured and sealed correctly. PTS recommends that a qualified person check the entire system at least once annually following initial installation. The end cap can be removed as needed to inspect or clean the air intake passageway.



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