



# PM-ØPWTOC

## Insulated Wall Thimble with Outside Air Channel

The Wall Thimble with Outside Air channel operates as an insulated wall pass-through for pellet vent and provides fresh air to the appliance through the same opening. It has an adjustable decorative channel that brings outside air directly to the back of the appliance. It is ideal for basement installations that use outside air. See Figure 1 for assembly.

### INSTALLATION

1. Cut and frame a 6  $\frac{3}{4}$ " square opening (for 3"Ø vent) or a 7  $\frac{3}{4}$ " square opening (for 4"Ø vent) through the wall where the pellet vent will pass.
2. Remove the Wall Thimble from the box and pull the two halves apart, separating it into interior and exterior components. The black painted components are for interior installation.
3. From outside, install the exterior wall plate into the opening, the slots should be at the bottom of the plate. Fasten it to the wall with four #8 wood screws. Seal the joint between the exterior plate and the wall with silicone caulking.
4. Inside the home, insert the back portion of the wall channel into the opening until it is flush with the wall. Ensure it overlaps with the portion that was installed outside. Fasten it in place with four #8 wood screws.
5. Determine the total desired height for the channel. Hold the lower back plate (galvanized) in place at the desired height. Mark the location where the rear panels overlap. Cut and remove the foil insulation from the upper rear plate where there is overlap. Screw the lower rear plate to the wall in the desired location.
6. Install the bottom cover plate first. It is painted black and has an off-centre opening at the base. Fasten it to the lower rear plate with the self-tapping screws provided.
7. The top cover plate is painted black and has exposed insulation protruding from one end. Insert the insulation into the wall opening. Continue pushing until the cover plate is flush with the wall. In most cases excess insulation can be compressed into the wall, but it may be necessary to trim the excess depending on wall thickness. Fasten the front cover plate to the upper rear plate with self-tapping screws provided.
8. Measure and cut the aluminum flex to the required length and cover it with the insulation sleeve provided. Install the 3" to 2" reducer (flat metal ring) if your appliance requires 2" outside air. Connect the flex to the outlet on the wall plate and the pellet stove using screws.

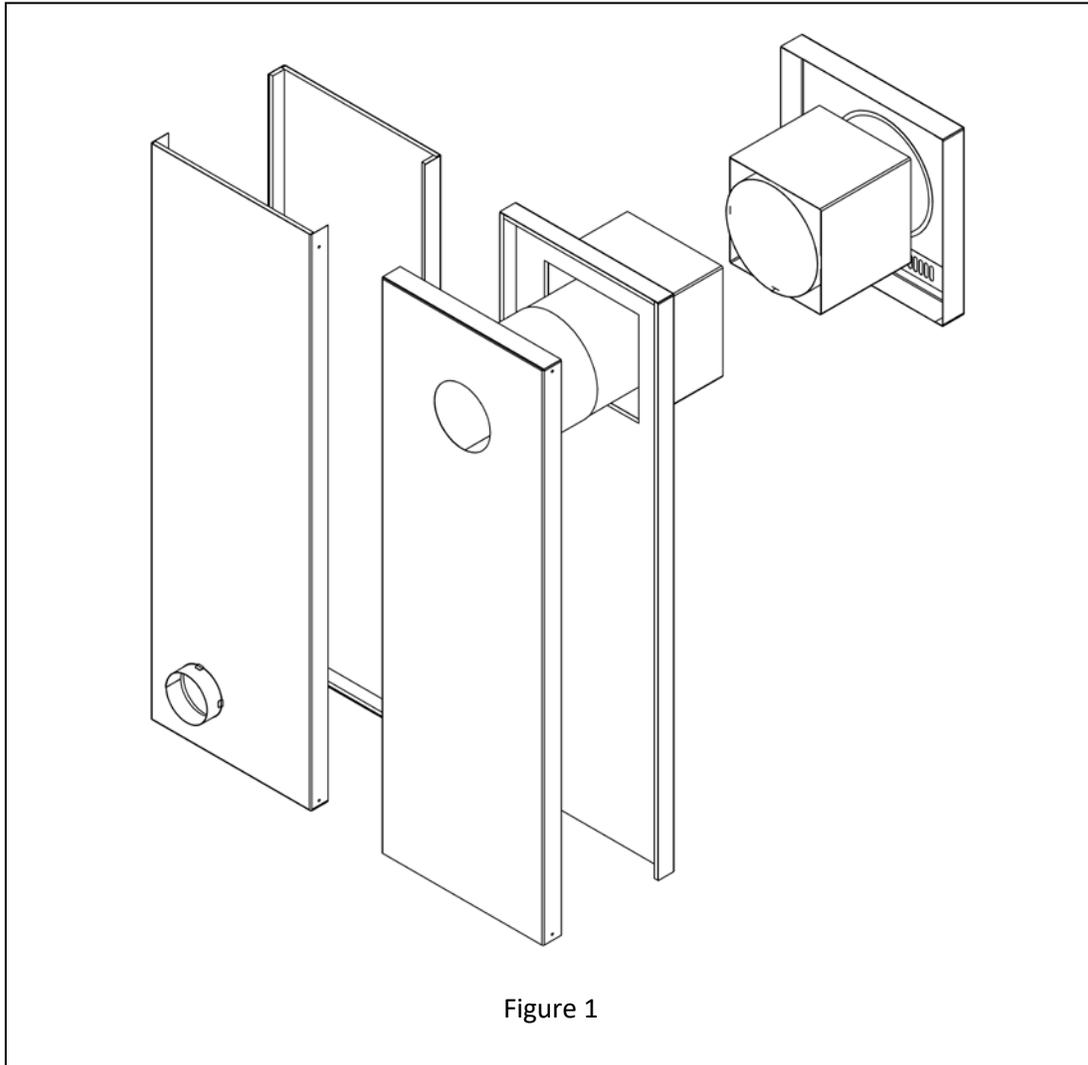


Figure 1

### Check List:

- 1 wall thimble with outside air channel (above)
- 3" x 10' flexible aluminum duct
- 1 insulation wrap
- 1 adapter 3" to 2"
- 2 bags containing 3 screws #6 x ¼ "
- instructions and check list