



DVP-TB1 BASEMENT TERMINATION CAP FOR DIRECT VENT APPLIANCES

This basement termination cap is intended for use with specific Hearth & Home Technologies gas appliances. Refer to the installation instructions supplied with the gas appliance for the correct accessories to be used. If you encounter any problems regarding code approvals or if you need clarification of the instructions contained here, contact your local Hearth and Home dealer. For the location of your nearest dealer, please visit www.fireside.com

CAUTION! Risk of Cuts and Abrasions. Wear protective gloves and safety glasses during installation.

Tools Needed:
 Phillips Screwdriver
 Safety Gloves

Note: An arrow (➡) found in the text signifies change in content.

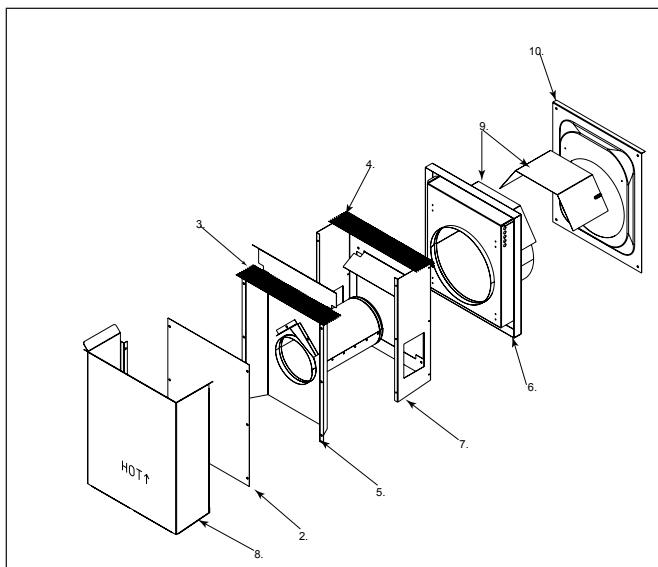


Figure 1 - Basement Termination Cap

Item	Part no.	Description	Qty.
1	22491	Fastner Pack (Not Shown)	1
2	22333	Front Plate	1
3	22344	Exhaust Screen	1
4	22337	Intake Screen	1
5	31239	Exhaust Plate Assembly	1
6	31241	Base Assembly	1
7	22335	Surround	1
8	22334	Shield	1
9	4033-123	Heat Shield	2
10	25259	Wall Shield	1

INSTALLING THE DVP-TB1 VENT CAP

Note: Before beginning installation, be certain the base of the cap is at least 1 in. above the ground level.

1. Slide the base cap collar onto the 8 in. vent pipe extending through the house wall and secure the cap flush to the wall using the eight 1 in. fasteners provided. Seal the cap assembly to the wall with a mastic such as silicone caulking. See Figure 2.
2. Place the intake screen (has a 90-degree bend) on top of the surround and attach to the surround with two of the sheet metal screws provided. See Figure 2.
3. Align the four holes on the surround with the top two holes and the bottom two holes on the base cap and attach using four of the sheet metal screws provided. See Figure 2.
4. Insert the exhaust plate inner collar into the 8 in. vent pipe until the flanges on the exhaust plate contact the cap surround. See Figure 3.
5. Align the six holes on the cap front plate with the corresponding holes on the exhaust plate and the cap surround. Attach the three pieces together with six of the sheet metal screws provided. See Figure 3.
6. Slide the cap shield around the cap surround until the six holes at the back of the shield are aligned with the six holes on the sides of the cap surround. Attach the shield to the surround using six of the sheet metal screws provided. See Figure 4.
7. Fasten the exhaust screen to the exhaust plate with two sheet metal screws going into the two tabs on either side of the exhaust plate. See Figure 4.

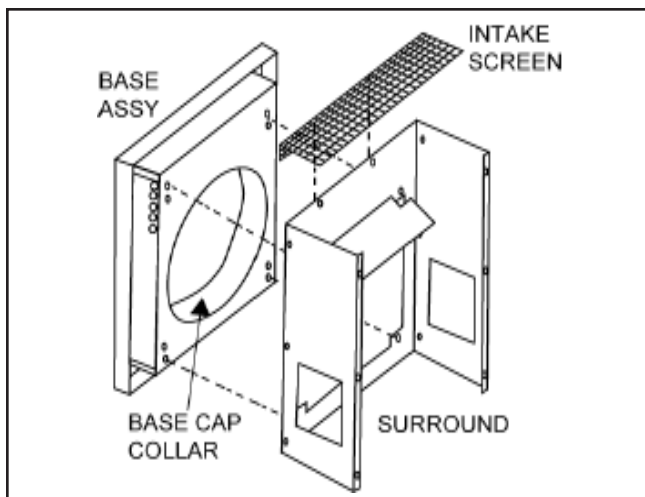


Figure 2 - Base Cap, Intake Screen & Surround Installation

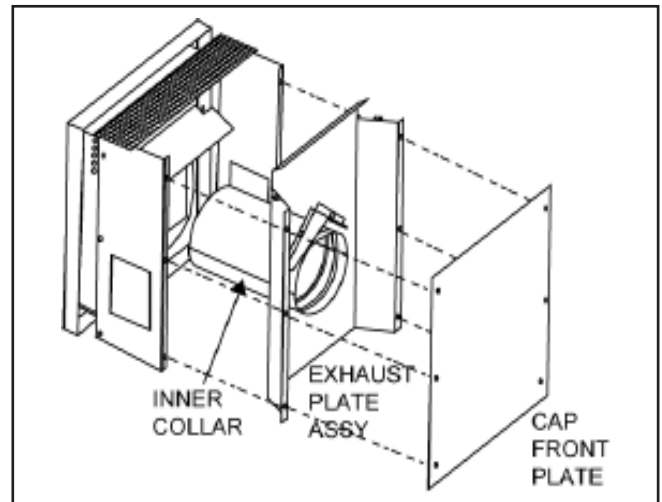


Figure 3 - Exhaust Plate Inner Collar Installation

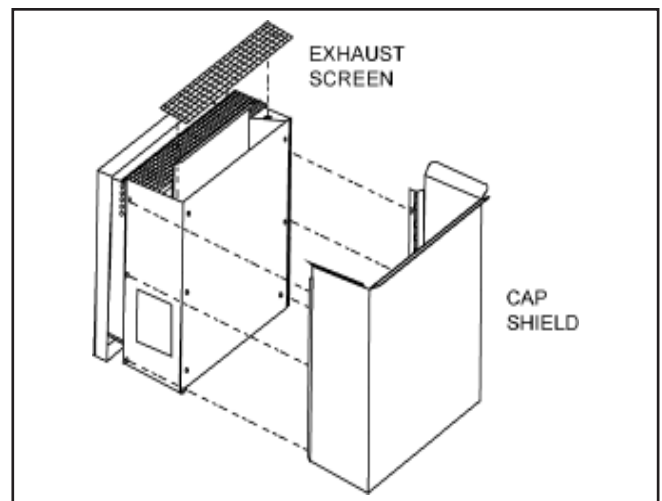


Figure 4 - Cap Shield

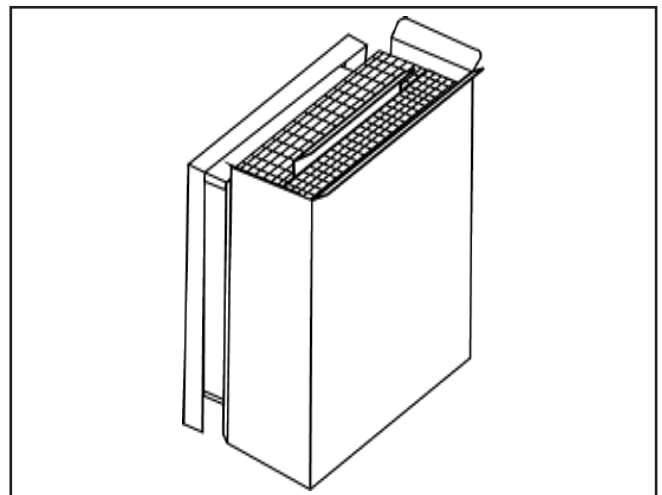


Figure 5 - Final View

A. WALL PENETRATION FRAMING

Frame a hole in a combustible wall for a wall shield firestop (Figures 6 through 7) whenever a wall is penetrated. Use same size framing materials as those used in the wall construction. The wall shield firestop maintains minimum clearances and prevents cold air infiltration.

If the hole being penetrated is surrounded by non-combustible materials such as concrete, a hole with diameter 1 in. greater than the pipe is acceptable.

Note: Heat shields **MUST** overlap by a minimum of 1-1/2 in. (38 mm). The heat shield is designed to be used on a wall 4 in. to 7-1/4 in. (102 mm to 184 mm) thick. If wall thickness is less than 4 in. (102 mm) the existing heat shields must be field trimmed. If wall thickness is greater than 7-1/4 in. (184 mm) a DVP-HSM-B will be required.

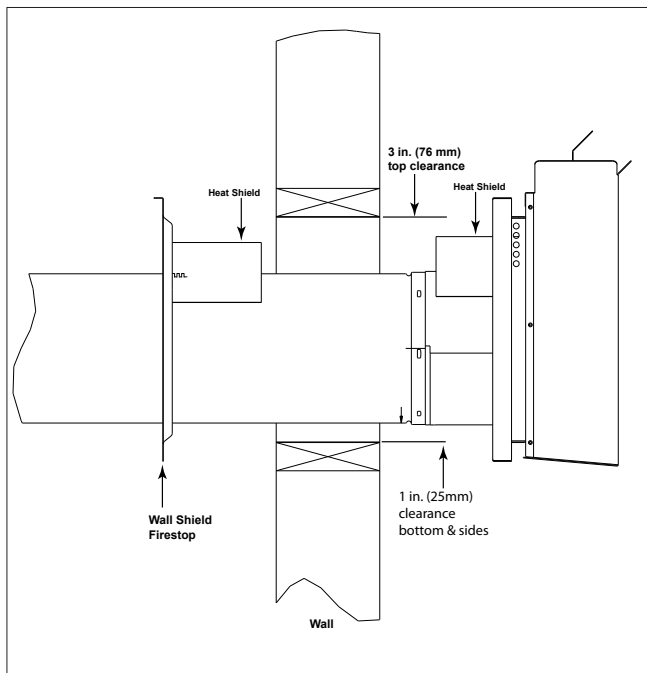


Figure 6 Horizontal Venting Clearances to Combustible Materials

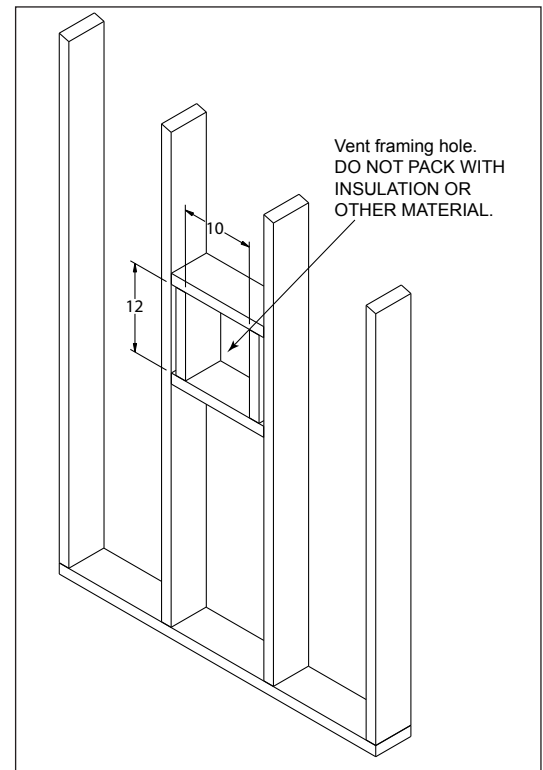


Figure 7 Exterior Wall Hole

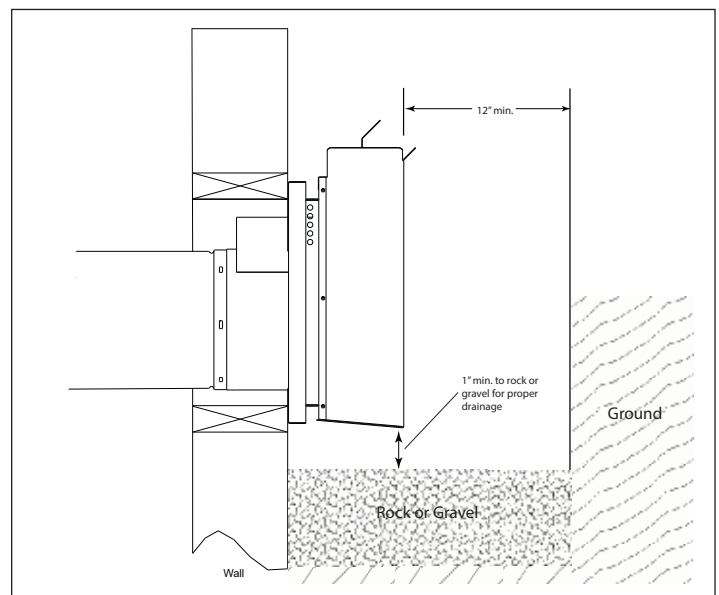


Figure 8 Clearance to Cap in Window Well

NOTE: If DVP-TB1 termination is to be located in a window well, adequate and proper drainage must be provided per local codes. A minimum air clearance of 12 in. to the sides, front and top and 1 in. to the bottom must be maintained. See Figure 8.