



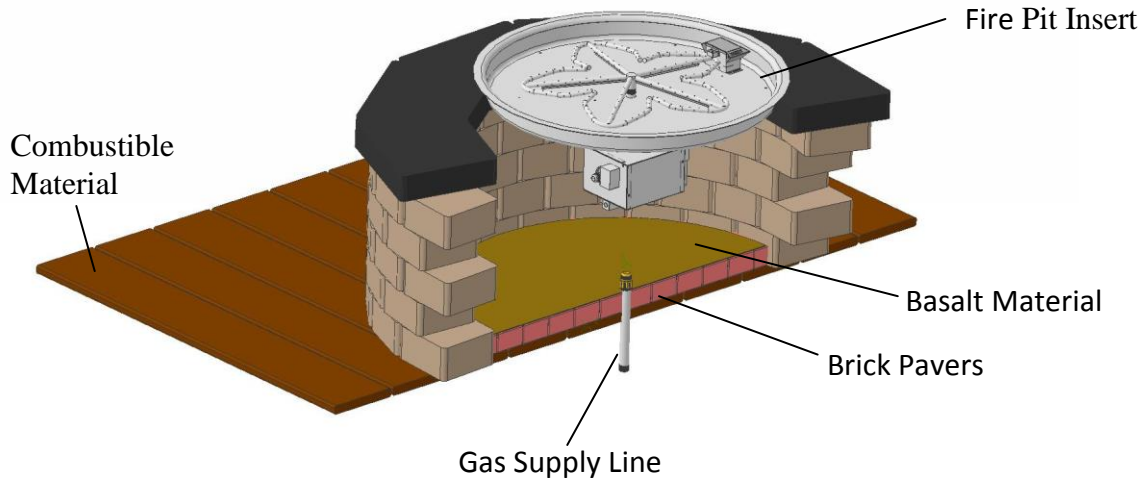
Hearth Products Controls Co

Deck Insulation Kit – Instructions

(FPI-DECK20SQ, FPI-DECK39SQ)

⚠ WARNING: FOR OUTDOOR USE ONLY

Installing a Fire Pit on Combustible Material



⚠ WARNINGS ⚠

- Always ensure no gaps to prevent any possible leakage onto decking surface.
- Do not recess fire pit below the deck surface.
- Do not block any enclosure ventilation holes.
- Brick Pavers must be a minimum of 1" thick (height).
 - Alternative thicknesses must be approved by HPC.
- Always wear gloves and protective eyewear.

Items Included in Kit:

- 1) Basalt Material & Instructions
- **Brick Pavers not included – these can be found at local building supply stores.**

Tools Needed:

- 1) Scissors or Cutting Knife
- 2) Measuring Tape

Fire Pit Enclosure Construction:

- 1) Refer to “Deck Insulation Kit – Install” on the last page for enclosure height & venting requirements.
- 2) Take measurements of the inside of the enclosure of the fire pit.
- 3) Install brick pavers on the inside of the enclosure. Start with laying brick pavers around the supply line. Use one of the following methods:
 - a. Drill hole in brick paver slightly larger than the supply line and install paver over supply line. See Fig.1.
 - i. Finish laying brick pavers until they can no longer fit.

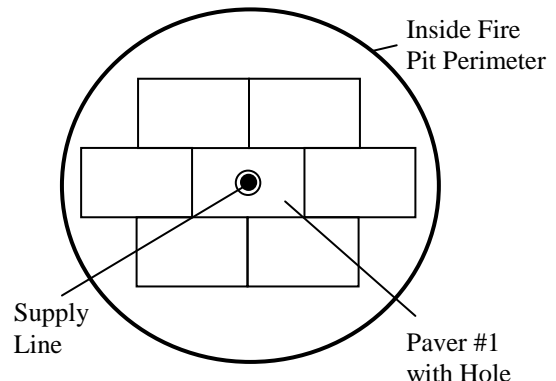


Fig. 1

- b. Follow brick pattern in Fig. 2.
 - i. *Cut brick paver to fill the gap around the supply line.
 - ii. Other patterns may be used. Fill all gaps with brick pavers.

- 4) Cut brick pavers to fill all outside gaps. See Fig. 3 and 4.
 - a. If ventilation holes for the fire pit are located on the bottom of the enclosure wall, do not block- reference “Deck Insulation Kit – Install” for instructions. (Fig. 3)
 - b. For bowls that are shallow and have ventilation holes near the bottom, lay out bricks around the bottom perimeter of the bowl and lay the basalt material on top of bricks. Then set your bowl on top of basalt. (Fig. 4)

- 5) Using the measurement of the inside of the fire pit from Step 1, add 1” to each dimension and draw on the basalt material. See Fig. 5.
- 6) Measure the location of the supply line in relation to the inside perimeter of the fire pit.
- 7) Transfer this supply line measurement to the Basalt material by drawing an “X”.
- See Fig. 5.
- 8) The “X” should be no larger than the diameter of the supply line for a tight fit.
- 9) Using scissors or cutting tool, cut along the lines from Step 4 and 6. Discard scrap pieces.

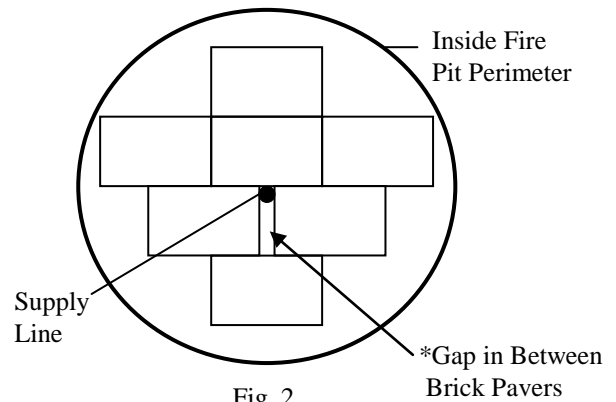


Fig. 2

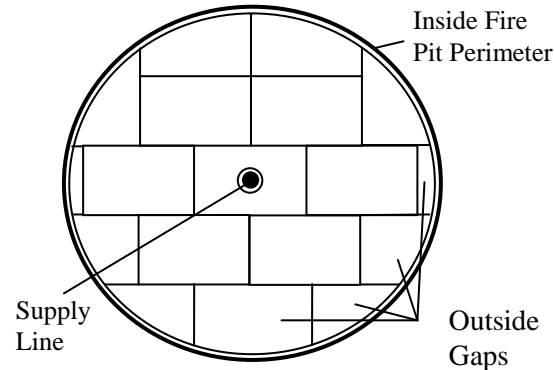


Fig. 3

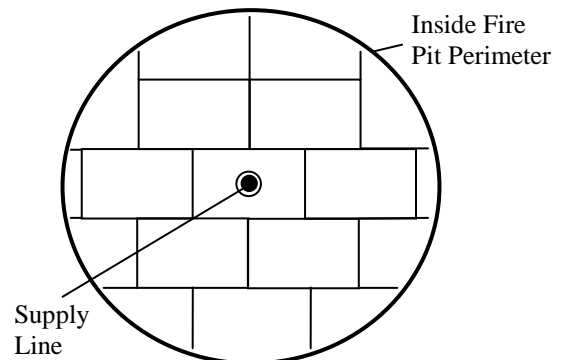


Fig. 4

Basalt Material (Square)

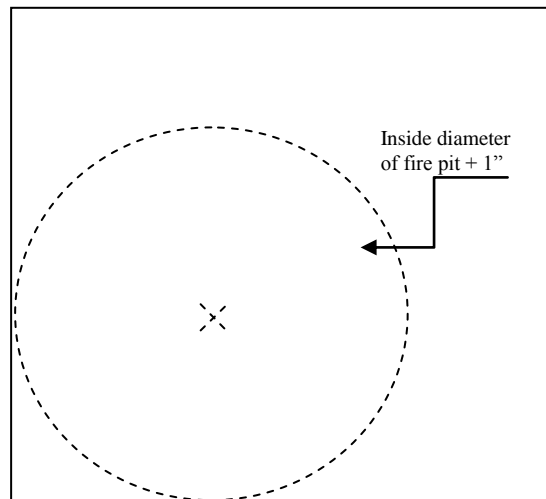


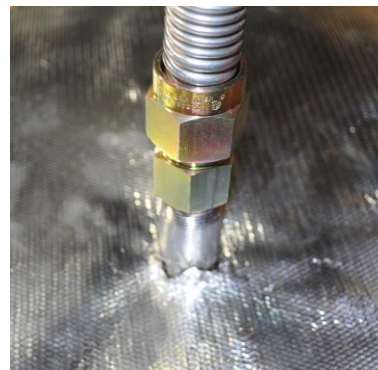
Fig. 5

10) With the Aluminum side UP, insert the Basalt material over the supply line. Push the Basalt material all the way down until it rests on top of the brick pavers. See Fig. 5.

Note: Check to ensure there are no gaps around the supply line.

Fire Bowl Installation- Copper or Concrete:

Please refer to “Deck Insulation Kit – Install” drawing on the last page.



Basalt -
Aluminum
Side UP

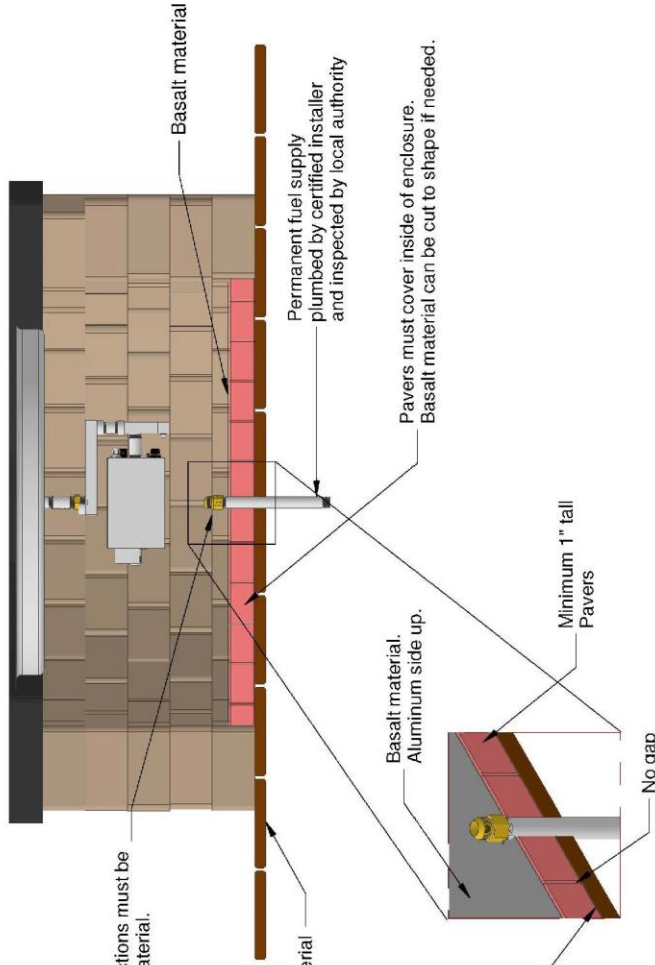
Fig. 5

General Information:

- For larger fire pits, use multiple pieces together of the Basalt materials following the same construction principles from this manual.
- It is recommended that the entire bottom of the inside of the fire pit be covered with the brick Pavers and basalt material. There is a minimum of 1' radius of basalt material from the supply line. The entire bottom of the fire pit must still be covered with the pavers to ensure they stay in place.
- For smaller or narrower fire pits that are less than 2' wide on the inside, cut the basalt material 1" longer than the width of the inside of the fire pit while maintaining minimum 2' for the length.
- For additional information on installing fire bowls and construction for combustible deck systems, see “Deck Insulation Kit – Install” drawing on the last page.
- For Copper and concrete fire bowls, refer to “Deck Insulation Kit – Install” drawing on the last page.
- Always ensure the decking material will allow for the additional weight of the fire pit.

APPROVED

SHEET



For Outdoor Use Only

REVISIONS		DATE	APPROVED
ZONE	REV	DESCRIPTION	
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Figure 1: Copper or Metal Bowls/Enclosures- bottom venting required</p> </div> <div style="width: 45%;"> <p>Figure 2: Concrete Bowls/Enclosures- with side venting</p> </div> </div>			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Fire Bowls/Enclosures- Manufactured: Some copper, metal or concrete enclosures require venting- see manufacturer's instructions. *Copper or metal- for Basalt/Paver application: -With side venting see Figure 2. -With bottom venting requirement see Figure 1. -With open bottom and side venting see Figure 3. *Concrete (thickness > 1")- for Basalt application: -With side venting see Figure 2. -With bottom venting requirement see Figure 1. -With open bottom and side venting see Figure 3.</p> </div> <div style="width: 45%;"> <p>Figure 3: Concrete Bowls/Enclosures- with side venting and open bottom</p> </div> </div>			

WARNING: DO NOT RECESS FIRE PIT BELOW DECK SURFACE.

Part Numbers: FPI-DECK20SQ FPI-DECK39SQ		DRAWN	DATE
Installation to be completed according to the manufacturer's instructions and specifications.		CHECKED	
All items may or may not apply to your project		QA	
Read and follow all instructions and local codes		MFG	
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SIZE: A FSCM NO. DWG NO. 2 of 2 REV 2

SCALE SHEET