

Pizza Oven Flue Extension Installation Guide

We've worked closely with pizza oven manufacturers, architects, and customers to develop the safest and most effective method for extending your flue through a garden structure. This guide walks you through the process using our twin wall flue kits.



Before You Start

Our kits are designed to connect to your original single skin flue that came with the oven. If you're replacing the single skin flue entirely, contact us first—sizing will change.

- Twin wall components allow safe extension through roofs with minimal clearance to combustibles.
- Avoid using single skin flue through a roof—it's not recommended for safety reasons.
- Extending "out then up" is generally not feasible due to low roofs and oven placement—straight up through the roof is easier and cheaper.

Step 1: Determine Your Flue Size

Remove the rain cap from the flue and measure the internal diameter of the flue pipe. Common flue sizes:

- 100mm
- 125mm
- 130mm
- 140mm
- 150mm



Step 2: Measure the Height of the Extension Needed

Available flue extension lengths:

- 500mm
- 800mm
- 1000mm

These can be used alone or combined as needed.

Recommendation: Have at least 500mm protruding through the roof to allow space for the flashing, storm collar, and rain cap.



Take the measurement in red and add 500mm this will give you your overall height needed.

Step 3: Choose Your Flashing Based on Roof Type

Flashing Options:

- **Dektite Premium Black EPDM:** Ideal for felt, metal, rubber, and wooden roofs. Fully rubber boot secured with silicone sealant and self-tapping screws (not included).



- **Seldek Aluminium Black EPDM:** For tile or slate roofs. Traditional aluminum/rubber boot.



Both flashings are suitable for 0–45° pitched roofs.

Optional: Add a Roof Support

A roof support can be attached to the underside of the roof between joists to help secure the flue and prevent movement.



Step 4: Offsets

First, we need to mark the point that we would like the flue to exit the roof, the sides of the flue need to be at least 70mm away from anything combustible, in this case we need to be in the centre of the 2 joists.

If your exit point is not directly above the centre of your pizza oven flue, you'll need to either reposition the pizza oven or offset the flue. By dropping a plumb line from your mark on the ceiling to see where it lands, you can determine the offset—indicated by the red arrow below—as 190mm.



Please refer to TradePriceFLues.com for offset charts and measurements.

Step 5: Prepare the Roof Opening

Determine the hole size based on your flue diameter:

- 100mm, 125mm, 130mm – Hole Diameter: 330mm
- 140mm, 150mm – Hole Diameter: 350mm

Mark the hole on the roof using a plumb line and a tape measure. Once marked, carefully cut the hole using a jigsaw.



Step 6: Install the roof support

Screw the roof support to the joists, ensuring it is centred over the hole. The wings can be trimmed to sit flush with the edges of the rafters.



Step 7: Install the flue

If you have an offset, it's easier to assemble the flue section on a flat surface before installation. For this setup, we're using two 30-degree bends with a 250mm straight piece in between to achieve the required 191mm offset. Finally, attach the twin wall adapter to the top of the original flue.



Slide the top length of twin-wall flue through the roof support. Install the offset, then slide the flue length back down onto the top of the offset. Ensure everything is level, then fit the locking bands and tighten the roof support.



Step 8: Install the flashing

Carefully cut a hole in the flashing based on your flue size:

- 100mm, 125mm, 130mm – Flashing Hole Diameter: 190mm
- 140mm, 150mm – Flashing Hole Diameter: 210mm

Use sharp scissors (not a Stanley knife) for a clean cut.



Slide the flashing over the twin-wall flue. Apply a bead of suitable silicone or sealant to the roof where it will contact the edge of the flashing. Then, using appropriate screws, secure the flashing to the roof.



Step 9: Final Assembly

- Slide the storm collar down the flue to sit just above the flashing.
- Apply a bead of silicone where it meets the flue for a watertight seal.
- Attach the rain cap and secure it with the included locking band.



Installation Complete! Your flue is now safely and securely extended through your garden structure. Enjoy safe and efficient operation of your pizza oven!

