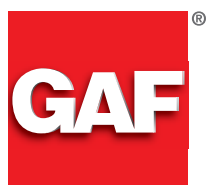


M-WELD™ Adjustable M-Vent™

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*Quality You Can Trust...From
North America's Largest Roofing Manufacturer!™*



M-WELD™

ADJUSTABLE M-VENT™ (1 OF 2)

Description

The Adjustable M-Vent™ is a two-piece roof flashing unit consisting of a pre-flashed spun aluminum base and a flexible upper boot. Adjustable M-Vents allow for waterproofing of tall or awkward roof protrusions.

- Adjustable M-Vents are 6" (152 mm) in diameter, 8" (203 mm), and 14" (356 mm).
- Adjustable M-Vents are flashed with either APP or SBS modified bitumen membranes, smooth or colored granule surfaces, to accommodate most built-up and modified bitumen roofing projects. Unflashed vents are also available.
- Packaging: 6" (152 mm) adjustables, 6 flashed or 25 unflashed per box; 8" (203 mm) adjustable, 6 flashed or 20 unflashed per box; 14" (356 mm) adjustables, 3 flashed or 10 unflashed per box.

Uses

- Waterproofs the union of tall pipes over twelve inches high with the roof membrane.

Note: Not for use over furnace or heater vent pipes.

Advantages

- Durable spun-aluminum base keeps flashing detail protected over time.

Advantages (Continued)

- Spun-aluminum design eliminates seams and soldered joints.
- Accommodates protrusions that exceed 12" (305 mm) in height and any diameter up to 12" (305 mm).
- Helps eliminate call-backs and labor costs.

Technical Data

Vent Material Available:

- 6" (152 mm) M-Vent™ – 0.064 Spun Aluminum Base
- 8" (203 mm) M-Vent™ – 0.060 Spun Aluminum Base
- 14" (356 mm) M-Vent™ – 0.060 Spun Aluminum Base

Flashing Material Available:

- APP Smooth
- APP Granulated
- SBS Smooth
- SBS Granulated

Component Material:

- 6" (152 mm) – M-Vent™ Adjustable Santoprene Boot
- 8" (203 mm) and 14" (356 mm) – EPDM (Ethylene Propylene Diene Monomer) Rubber Cap, with Stainless Steel Banding Clamp
- SBS M-Boot™ (non-reinforced)



M-Weld™
Adjustable M-Vent™



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ADJUSTABLE M-VENT™ (2 OF 2)

Installation:

1. Install base sheet as specified.
 2. Choose appropriate Adjustable M-Vent™ material:
 - APP material when using heat-welded membranes.
 - SBS when using hot mop or cold-applied membranes.
 3. On new construction and reroofing:
 - Stretch the hole in the center of the M-Boot™ over the pipe or penetration and slide it down until it contacts the base sheet. This protects flames and asphalt from traveling down the pipe and into the insulation when installing the field sheet.
 4. For APP smooth installation:
 - Heat the field sheet around the protrusion until it has a glossy sheen.
- For APP granulated installation:
- Heat the surface until the granules start to sink into the molten compound.
 - a. Next, heat the bottom of the membrane attached to the Adjustable M-Vent™ until it has a similar sheen.
 - b. Install the Adjustable M-Vent™ over the pipe and place the two heated surfaces together.
 - c. Carefully center the pipe in the center of the Adjustable M-Vent™ base.
 - d. While torching, work the flashing with a trowel and torch until a 1/4" (6 mm) to 3/8" (9 mm) bleed-out occurs around the outside of the flashing.

5. For SBS installation:

- Spread hot asphalt or an SBS adhesive over the field sheet around the protrusion.
 - The Adjustable M-Vent™ is placed over the pipe and seated in the asphalt or cold adhesive.
 - The flashing should then be troweled for a bleedout, the same as with APP application.
6. After application of the Adjustable M-Vent™ base;
 - The flexible boot is turned upside down and the pipe size marked on the boot.
 - The boot is then carefully cut to stretch snugly over the pipe.
 - Stretch the boot over the pipe and slide it down to meet the base.
 - Reinstall the boot to the base by stretching the boot over the lip of the base.
 7. After clamping the boot to the protrusion, apply a bead of compatible high-grade caulk.

Note: Sufficient roof drainage is essential for good roof performance and to avoid overloading the roof under heavy rainfall conditions. Ensuring that the size and number of drains is adequate for the roof area and location is the responsibility of the building owner or their roofing consultant.