

INSTALLATION INSTRUCTIONS FOR SMOKE VENTS

Our line of Roof Accessories is constructed for years of reliable use. These instructions are intended only to be a general guideline for installation. Follow local codes, roofing and sealing practices for the best weather-tight installations into the various roofing systems found in your area.

CAUTION: LID IS SPRING LOADED. Please open lid with caution.

NOTE: This product is designed for installation on a flat roof. Please consult us if a roof is sloped more than 2:12.

1. Prepare opening through roof deck of width and length as specified in **JL industries, Inc.** catalog or Detail & Submittal sheet. Opening must be positioned so as to not impair structural integrity of roof.
2. Coordinate with installation of roof deck and other substrates to receive smoke vent. Use vapor barriers, roof insulation, and roof flashing to ensure weather tight and waterproof installation. Supporting structure must withstand lateral and thermal stresses, as well as inward and outward loading pressures.
3. **For renovation/retrofit installations:** Bend back roofing material to allow roof vent to sit on roof deck. **For new installations:** Install prior to application of final roofing material.
4. Set vent base flange in thick bed of roofing cement to form seal.
5. Secure the vent to the steel angle or other roof opening frame, taking care that the unit rest flat and level on support frame and is square and true. Attach to the deck of the roof using the mounting holes in flange, to the supporting structural substrate.
6. Complete the installation in accordance with accepted roofing industry practice.
7. Apply final roofing material, extending over the roof vent flanges.
8. Check latches to be sure all latches are engaged in closed position.
9. Remove all safety bands and apply finish paint to smoke vents after installation.
10. Test outside & inside manual operation. Pull handles with quick jerking motion to release. Adjust latch keepers if required, to ensure full secure latching in closed position and simultaneous release of latches for both outside and inside operation.



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JL Industries also provides roof vent safety rails and safety posts. Contact your representative for more information

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