

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 our 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.
12. Release hold open arms and close doors until locks securely catch.
9. Apply insulation material or caulk along inside perimeter of roof vent to ensure weather tight seal.



 <p>CONSTRUCTION PRODUCTS GROUP INC. 9702 NEWTON AV S, BLOOMINGTON MN 55431</p>		<p>MANY LOCATIONS NATIONWIDE</p>	<h2>Installation Instruction, Operation and Maintenance: Smoke Vents</h2>
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			<p>REV A 9-17-2021</p>

SINGLE AND DOUBLE DOOR SMOKE VENTS OPERATION

The smoke hatch opening force is by torsion springs specifically designed for this purpose. The smoke hatch is also equipped with shock absorbers (one per door leaf) to control the speed of the door leaf as it travels open. The smoke hatch doors are released from the closed position upon activation of a UL listed fusible link. This automatic device can be easily reset without removing or dismantling the smoke hatch doors. The smoke hatch doors may be manually opened from the inside by control cables or from the outside by a pull handle. Dur-Red smoke hatches provide automatic release of heat, smoke and gases in the event of a fire. The smoke hatches also controls fire spread by isolating the fire area, thereby limiting damage.

MAINTENANCE

The top of the curb should be cleaned monthly or as necessary to maintain a tight seal with the hatch cover when closed. Periodically clean latches and strikes of old grease and dirt and reapply new grease as needed. Painted surfaces can be cleaned with a mild soap and water solution. Clean acrylic domes with a mild soap and water solution - do not use abrasive cleaners or cleaning cloths. Rinse well and remove remaining excess water. To protect the surface, apply a thin even coat of an automobile paste wax (not a cleaner-wax combination). Buff lightly with a soft, clean cloth. Fine scratches may be removed or minimized by using an automobile cleaner/polish. Test on small section to make sure results are what you want. Replace fusible links when needed by compressing release device. Install new fusible link and close doors.



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