

Automatic Smoke Vents



Automatic Fire Vents protect buildings and help firefighters control a fire, evacuating smoke, heat and gases from a building in lights.

Automatic Fire Vents are ideal to apply in large spaces without obstructions, such as factories, warehouses, retail stores, auditoriums, convention centers and other structures in which the protection of life and property is critical.



MOST COMMON PLACES:

- Hangars for airplanes
 - Auditoriums
 - Concert Halls
 - Convention Centers
 - Holes of elevators
 - Factories
 - Gyms
 - Manufacturing Pads
 - Swimming pools
 - Processing Plants
- Retail Establishments
 - Schools
 - Storage facilities
 - Transportation facilities
 - Stores
 - Other facilities in covered spaces without obstructions

NOTAS GENERALES OBSERVACIONES		ROOFWALKS & SECUR SYST S		
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		TITULO		
		SMOKE VENTS		
		ESCALA	REV.No	3

Automatic Smoke Vents

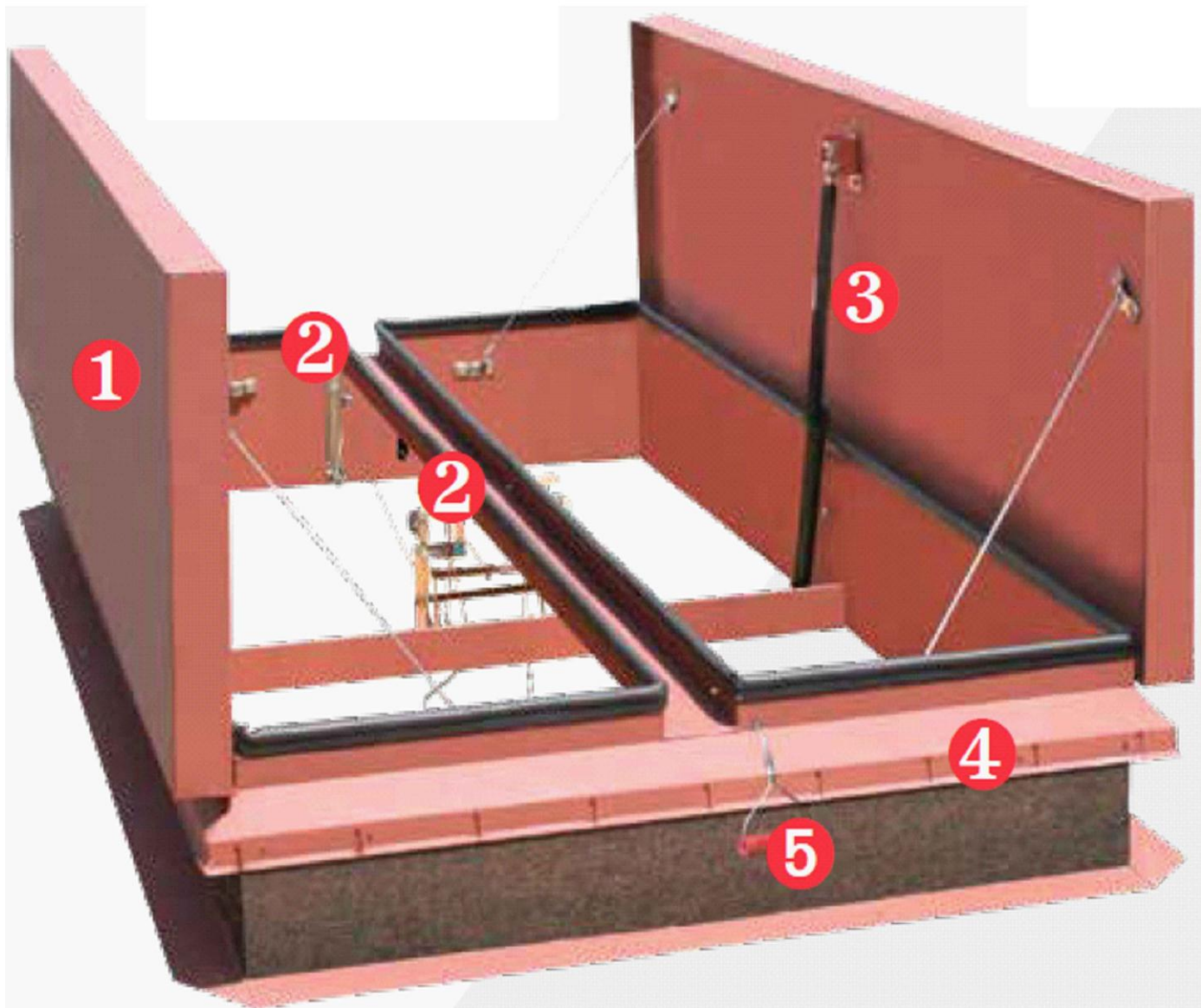


The Automatic Fire Vents can be provided with mechanical or electrical drive.

The Dual-Blade Retention / Release mechanism automatically releases the vent covers when a 74 ° C fusible link (registered by UL) melts. The fuse link box, mounted on the edge of the vent, allows the bolt to be repositioned quickly and easily from the roof level. Designed to prevent decks from being opened accidentally by wind action, building vibrations or other factors.

Indoor and outdoor sockets provided allow manual operation by pulling without breaking the fusible link.

With electric drive, they can receive a signal coming from a fire alarm control panel. The closing mechanism present in these vents is equipped either with an electric drive device or an electrothermal connection piece (ETL) that releases the cover instantaneously when receiving an electrical impulse.



- 1. Covers completely insulated and with gaskets that surround them in their entirety, which offer a hermetic closure resistant to the weather.
- 2. Mechanism of closing with the box of the fusible link mounted in the frame of the vent, that allows a fast and easy replacement at roof level.
- 3. The gas springs allow opening the covers with a load of snow / wind of 10 psf (49 kg / m2) and the integrated dampers allow an opening movement checked. The covers are automatically locked in the open position when the vent is activated. (Note: Single-leaf models are provided with compression springs and shock absorbers.
- 4. All roof products have the possibility of placing the Hatch Rail System.
- 5. External and internal handles (not shown) manually operated by pulling.

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