

SVG | Smoke Vents



Single Door



Double Door

These easy-access smoke vents are designed to open automatically when a fusible link reaches 165 degrees F to provide emergency smoke and heat ventilation. They are spring operated with shock absorbers to slowly open against wind or snow load. These smoke vents can also be equipped to open electrically. Prompt venting in case of fire is vitally necessary to the safe evacuation of occupants and effective fire-fighting conditions within a building. Proper venting will limit smoke and water damage to a smaller area within a building.

Product Characteristics

SVG SERIES

Cover & Liner: 14-gauge galvanized steel cover is stiffened to withstand a live load of 40 psf with an max deflection of 1/150 of the span. Cover withstands a max. wind uplift of 30 psf. Max degree of opening is 78 degrees.

Curb: 14-gauge galvanized steel with 12" self-flashing curb. Optional: Double wall curb at exterior. Curb height is 12" on all single door applications and 13" on all double door applications.

Hinge: Heavy-duty zinc plated steel with non-removable pins.

Latch: Positive hold release mechanism designed to hold the covers closed against 30 psf of uplift force. Released by manual pull cables or by fusible melt-out link. Optional: Electric/thermal resettable link.

Single Door: Automatic latching mechanism standard.

Double Door: UL listed 165 degree fusible link with inside and outside manual releases.

Springs: Heavy-duty steel compression springs designed to open vent covers automatically against 10psf wind or snow load when released.

Hardware: Heavy-duty shock absorbers, continuous extruded thermal EPDM gasketing, inside and outside manual releases.

Insulation: 1" thick rigid fiberboard at curb perimeter and 1" polystyrene in cover.

Mounting Flange: 3½" on single wall curb, 2½" on double wall curb.

U.L. Listing: The fusible melt-out link is UL listed. See size chart for UL/FM listed models.

Finish: Factory applied powder coat.