

## Automatic Smoke Vents

Automatic Smoke Vents protect property and aid firefighters in bringing a fire under control by removing smoke, heat, and gases from a burning building. Ideally suited for large expanses of unobstructed space such as factories, warehouses, auditoriums, and retail facilities smoke vents are available in a number of standard UL-listed sizes.



### Benefits

- Increased evacuation time and decreased risk of smoke inhalation and damage
- Enhanced visibility to allow firefighters to quickly locate the fire
- Protection against secondary ignitions and lateral fire spread
- Exhausting of noxious and potentially explosive fumes
- Structure protection from damaging heat
- Reduced damage to building contents

### Features

- Fully insulated and gasketed for weathertight performance.
- Thermolatch® II latching mechanism with curb mounted fusible link housing for quick and easy resetting at the roof level
- Exterior and interior pull release handles for manual operation
- Covers open against a 10 psf (49 kg/m<sup>2</sup>) snow/wind load and automatically lock in the open position upon vent activation
- Bilclip® Flashing System for ease of installation on single-ply roofing
- Pre-punched capflashing to receive the Bil-Guard® 2.0 Hatch Safety Railing System (see pages 14-15 for more information)
- Complies with UL790 Class A and UL793
- Available in a number of UL-approved sizes

Log on to [www.BILCO.com](http://www.BILCO.com) to find a sales representative near you.



Type S-SV  
Single Leaf  
36" x 30"  
914mm X 762mm  
Special sizes  
available

**Product Options**

BILCO Smoke vents feature a positive hold/release mechanism controlled by a single UL-listed 165°F (74°C) fusible link designed to hold the covers closed against a 90 psf (438 kg/m<sup>2</sup>) wind uplift force. Smoke vents are provided with interior and exterior pull release cables to manually open vent covers.

**Material**

- Steel: 14 gauge (1.9mm) G-90 paint bond galvanized steel
- Aluminum: 11 gauge (2.3mm) aluminum

**Insulation**

- 1" (25mm) fiberglass insulation in cover and 1" fiberboard insulation in curb

**Finish**

- Alkyd base red oxide primer (standard on all steel products)
- Mil finish (standard on all aluminum products)
- See page 22 for custom finish options

**Hardware**

- Zinc plated/chromate sealed hardware

**Control Options** (see pages 22-23 for more information)

- Motor operation with push button control station
- Winch operation for remote opening and closing
- Electric release for smoke detector or fire alarm activation

Type DSH Double Leaf

**Type DSH Standard Sizes**

INCHES	MM	STEEL	STEEL CURB, ALUMINUM COVER	ALUMINUM
48 x 48	1219 x 1219	DSH4848	DSH4848A	DSH4848B
48 x 72	1219 x 1829	DSH4872	DSH4872A	DSH4872B
48 x 90	1219 x 2286	DSH4890	DSH4890A	DSH4890B
48 x 96	1219 x 2438	DSH4896	DSH4896A	DSH4896B
60 x 60	1524 x 1524	DSH6060	DSH6060A	DSH6060B
60 x 72	1524 x 1829	DSH6072	DSH6072A	DSH6072B
60 x 84	1524 x 2134	DSH6084	DSH6084A	DSH6084B
60 x 96	1524 x 2438	DSH6096	DSH6096A	DSH6096B
60 x 120	1524 x 3048	DSH60120	DSH60120A	DSH60120B
66 x 66	1676 x 1676	DSH6666	DSH6666A	DSH6666B
66 x 144	1676 x 3658	DSH66144*	DSH66144A*	DSH66144B*
72 x 72	1829 x 1829	DSH7272	DSH7272A	DSH7272B

\* This size has four leafs