

## TESTING AND MAINTENANCE INSTRUCTIONS AUTOMATIC HEAT & SMOKE VENTS



**NOTICE** Use Caution - Stand Clear. Spring loaded vent covers may be opened by pulling on the red vinyl handle on the interior or exterior release cable. When the vent is open, the opening shall be constantly guarded by someone.

### TESTING

It is recommended that manual and automatic operation tests be performed on an annual basis:

#### Manual Test:

While standing clear of the vent, pull red vinyl handle on exterior release cable. Cover(s) will open and lock in the full open position.

#### Automatic Test:

Double cover vents: Close one cover only by releasing hold open device urging the cover in the direction of closing (this may require two persons). With a coordinated thrust, bring the cover to its closed and latched position on the curb.

From the top side of the vent, stand clear of closed cover and apply a heat source in excess of 165°F (74°C) directly to the fusible link. (Refer to Thermolatch<sup>®</sup> II instructions on the inside of curb for location of fusible link.) Link will separate and cover will automatically open.

To close, replace fusible link and reset Thermolatch<sup>®</sup> II mechanism in accordance with instructions on inside of

curb. Close covers as described above.

Single cover vents: Procedure is similar to double cover vents except fusible link must be fused from the underside of the vent.

### MAINTENANCE

**IMPORTANT:** Use extra care when painting, particularly in the area of the Thermolatch<sup>®</sup> II latching mechanism, to avoid paint buildup on the fusible link and all pivoting joints.

#### Steel Vents:

An alkyd base red oxide primer has been applied at the factory. It is recommended that an alkyd base enamel finish coat in the desired color be applied after installation. Additional coatings should be applied as needed to ensure maximum service life.

#### Aluminum Vents:

Zinc plated steel hardware may require paint touch up depending upon age and severity of exposure.

#### All Vents:

Occasional lubrication of all pivoting joints, latch, and rear portion of lower tubular spring housings (if applicable) is recommended.