

## פתח אקוסטי לשחרור עשן - ACDSH



### **Standard Features and Benefits**

STC-46 acoustical sound rating

Thermolatch® II positive hold/release mechanism ensures reliable vent operation when a fire occurs. Automatically releases vent covers upon the melting of a UL-listed 165°F (74°C) fusible link. The curb-mounte fusible link housing allows the latch to be quickly and easily reset from the roof level.

Engineered with gas spring operators to open the covers in snow and wind conditions

Gas springs have built-in dampers to assure smooth opening and eliminate the possibility of operational, roofing or structural damage.

Fully insulated and gasketed for weather-tightness.

Constructed with corrosion resistant materials to provide many years of trouble free, dependable service.

Available in a number of standard UL-listed sizes.



## **Guide Specifications**

**Material:** Cover and frame are 14 gauge (1.9mm) G-90 paint bond galvanized steel

**Covers:** Brakeformed, hollow-metal design with 3" (76mm) concealed fiberglass insulation, 5" (127mm) beaded, overlapping flange, fully welded at corners, and internally reinforced for 40 psf (195 kg/m<sup>2</sup>) live load.

**Curb:** 12" (305mm) in height with integral capflashing and 3" (76 mm) fiberglass insulation that is fully enclosed by a 14 gauge (1.9 mm) G-90 paint bond galvanized steel liner. Curb has fully welded corners and a 5" (127 mm) mounting flange with 7/16" holes (11mm) provided for securing to the roof deck

**Gasket:** Extruded PVC gaskets permanently adhered to the underside of the covers and top of.

**Hinges:** Heavy-duty zinc plated piano hinges with 1/4" (6mm) hinge pins.

**Latch:** Positive hold/release mechanism controlled by a single UL-listed 165°F (74°C) fusible link with a separate latching point for each cover. Designed to hold the covers closed against a 90 psf (438 kg/m<sup>2</sup>) uplift force. Provided with interior and exterior pull release cables to manually open vent covers.

**Operation:** Corrosion resistant gas springs open covers automatically against a 10 psf (49 kg/m<sup>2</sup>) snow/wind load when released. Gas springs have built in dampers to assure a controlled rate of opening and automatically lock the covers in the full open position.

**Performance Ratings:** STC-46 sound rating. UL-listed. Complies with UL 793 and UL 790 Class A (burning brand test).

**Finish:** Alkyd base red oxide prime

**Hardware:** Corrosion resistant gas springs and hot dip galvanized steel stop cables. All other hardware is zinc plated/chromate sealed

