

DOUBLE LEAF SPECIFICATIONS

- COVER: 14 GAUGE GALVANIZED STEEL
- LINER: 12 GAUGE GALVANIZED STEEL
- INTERIOR CURB: 12 GAUGE GALVANIZED STEEL
- EXTERIOR CURB: 14 GAUGE GALVANIZED STEEL
- SPRING: HIGH PRESSURE GAS SPRINGS OPEN COVERS AGAINST 10 PSF SNOW OR WIND LOAD
- HARDWARE: ZINC PLATED STEEL
- 3 BUTTON CONTROLLED MOTOR (OPEN, CLOSE, STOP) 115V AC, 1/2HP, 6.5 AMP, 24V RELAY PROVIDED TO OPEN UNIT WITH SIGNAL FROM CUSTOMER CONTROL SYSTEM
- HINGE: ZINC PLATED STEEL TAMPER PROOF HINGE CONTAINED WITHIN HATCH AS PART OF SPRING ASSEMBLY
- INSULATION: 3" THICK ACOUSTIC INSULATION IN COVER AND 1.75" ON CURB PERIMETER
- STC RATING: **45**
- OITC RATING: **37**
- HOLD OPEN ARM: ZINC PLATED STEEL
- FINISH: POWDER COAT PAINT
- MOUNTING FLANGE: 4.73"

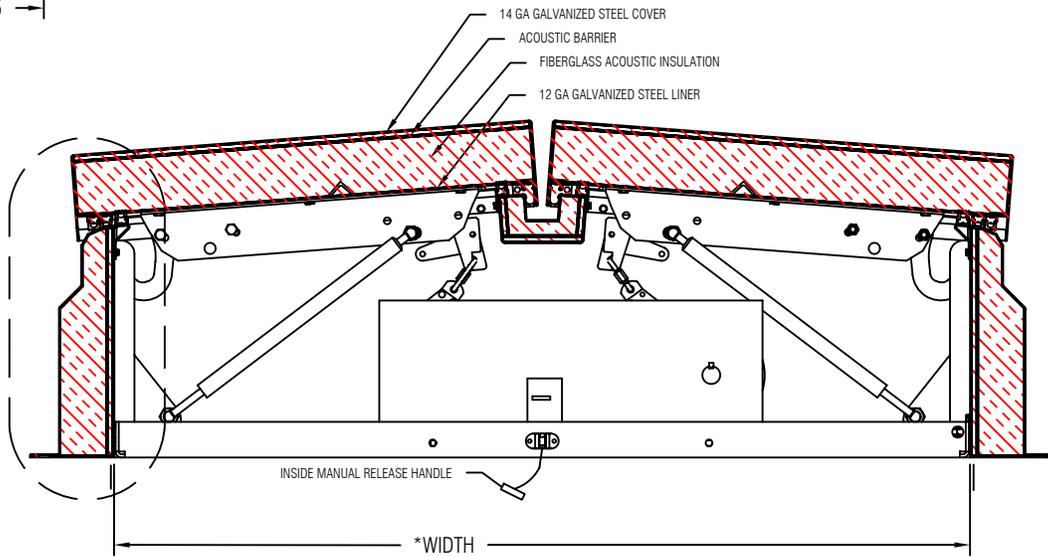
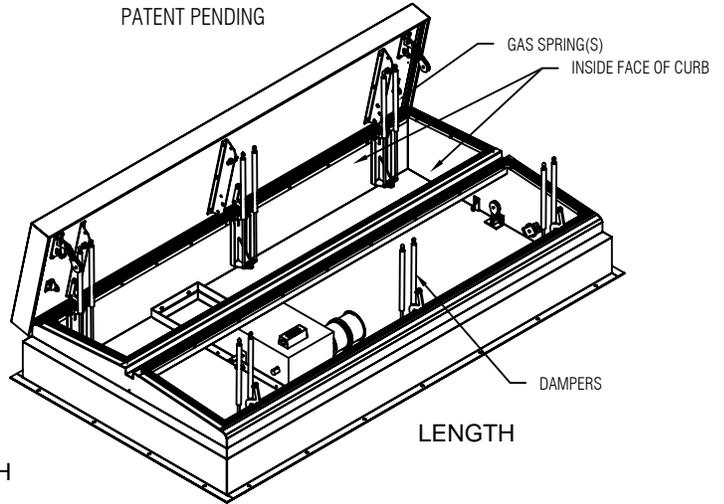
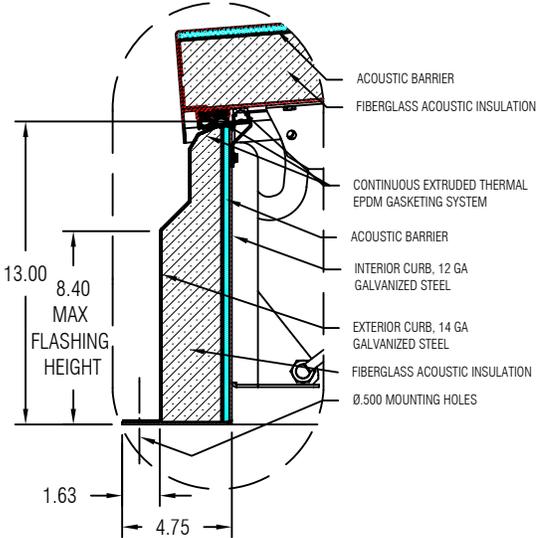
SIZE(S) AVAILABLE (WIDTH X LENGTH)
 SIZES WITHIN RANGE
 48 X 48 TO 72 X 120

*WIDTH AND LENGTH DIMENSIONS ARE FROM THE INSIDE FACE OF CURB TO INSIDE FACE OF CURB
 *EFFECTIVE VENTING AREA = 80% W X L

SIZE- WIDTH: LENGTH:

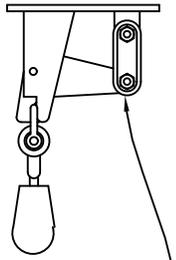
General shop drawing - NOT TO SCALE

PATENT PENDING



THE SMOKE VENT USES 110V AC TO ALLOW FOR MOTORIZED OPENING AND CLOSING OF DOOR LEAFS USING A 3 BUTTON CONTROL PANEL. THERMAL LINKS ON EACH LEAF ALLOW AUTOMATIC OPENING IN CASE OF A FIRE EMERGENCY. INCLUDES TERMINALS FOR REMOTE 24VDC SIGNAL TO OPEN DOORS. MINIMAL & OBSTRUCTED CLEAR OPENING.

RELEASE MECHANISM ASSISTED WITH INSIDE AND OUTSIDE RELEASE HANDLE.

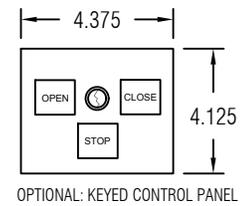
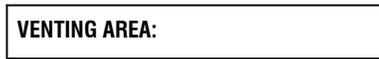


THERMAL LINK- RELEASES CABLE IN THE EVENT OF A FIRE EMERGENCY.

OPTIONS:

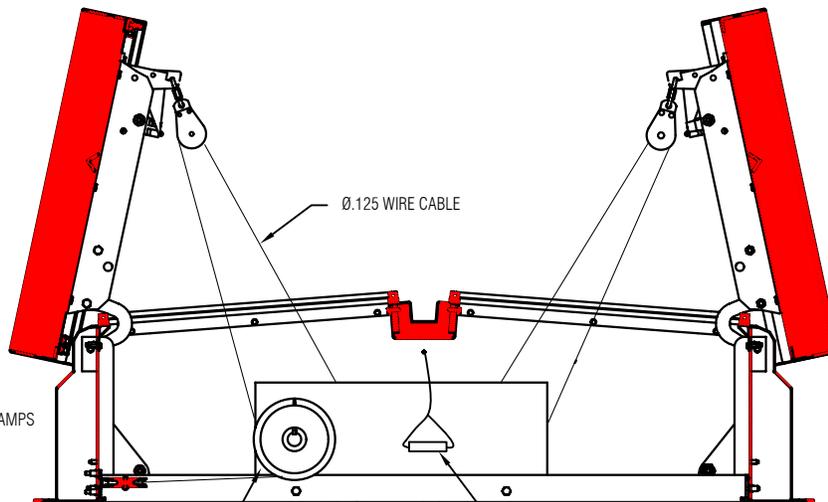
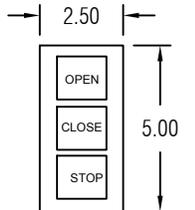
- KEYED 3 BUTTON MOTOR CONTROL
- ADD OPENING VIA REMOTE 115 VAC SIGNAL

VENTING AREA:



OPTIONAL: KEYED CONTROL PANEL

3 BUTTON CONTROL PANEL TO BE MOUNTED ON WALL BY CUSTOMER



*MOTOR INPUT: 115 VAC, 1 PHASE, 60 HZ, 6.5 AMPS
 *MOTOR OUTPUT: .5 HP @ 1000 RPM

*3 BUTTON CONTROLLED MOTOR MOUNTED ON FRAME
 REQUIRED
 CONNECTION FOR 110 VAC POWER SUPPLY
 OPTIONAL
 CONNECTION FOR 24 DC POWER SUPPLY *FOR AUTOMATIC OPENING

OUTSIDE MANUAL RELEASE HANDLE

INSIDE MANUAL RELEASE HANDLE

CABLE PROVIDED IN 3 FT LENGTH, DESIRED LENGTH ADDED BY OTHERS

STANDARD CURB CONSTRUCTION IS INTENDED FOR INSTALLATION ON FLAT ROOFS ONLY. FOR A SLOPED ROOF APPLICATION PITCH CORRECTED OPTION MUST BE SELECTED.