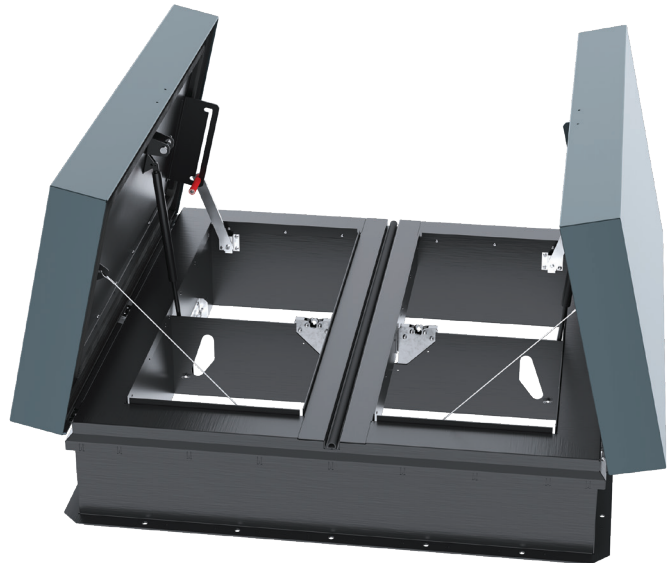# babcockdavis®

AcousticMAX™

SMOKE VENT

Block the intrusion of exterior environmental noise while providing safety and security with the industry's best automatic Acoustical Smoke Vent. Perfect for theaters and performing arts centers; every detail is designed with precision.

FEATURES

SUPERIOR SOUND CONTROL Industry's best sound ratings designed to keep out unwanted noises ensuring acoustical integrity when all you want to hear is the performance.

PREFINISHED BLACK INTERIOR Eliminate field painting hassle with the prefinished interior that seamlessly integrates into the ceiling.

BSVZ STC50 OITC47   **BSVY STC 50 OITC 39**   **FM APPROVED**   **c UL us LISTED**

DETAILS

SOUND RATING(S) Independent third party tested to ASTM E90 and ASTM E1332
- BSVZ: STC 50 - OITC 47
- ISO 140-18 Rainfall 36.7 dB
- BSVY: STC 50 - OITC 39

MATERIAL
- BSVZ 12 gauge galvanneal steel; powder coat
- BSVY 14 gauge galvanneal steel; powder coat

FINISH High Reflectance White exterior cover with black interior liner and black curb

COVER Metal with liner, withstands a live load of 40psf with a max deflection of 1/150 the span

CURB Double wall curb with EZ tab counterflash and mounting flange

INSULATION Mineral wool and sound mat in cover and curb
- BSVZ: Total R-16.8
- BSVY: Total R-12.6

GASKET Extruded EPDM adhesive backed gasket seals

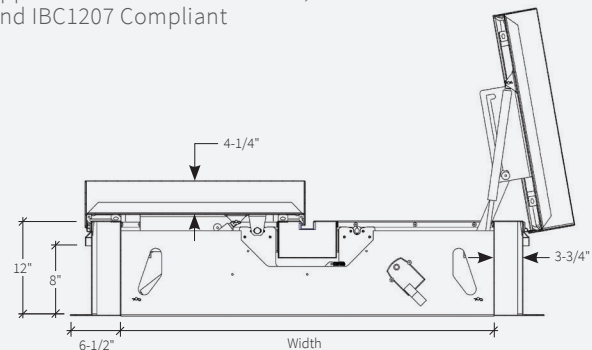**HINGE** Stainless steel heavy duty pintle hinge

SPRING Gas spring with damper opens cover against 10psf snow load

HOLD OPEN ARM Zinc-plated steel automatic hold open arm locks cover in open position

LATCH Zinc-plated steel rotary latch designed to hold covers closed against 90psf wind uplift

OPERATION Opens automatically with a fusible link and manual pull handles

CERTIFICATIONS UL 793 Listed, FM 4430
Approved for 360° fuseable link, and IBC1207 Compliant

4-1/4"   12"   8"   3-3/4"   6-1/2"   Width

ORDER GUIDE

BASE	RATING	MATERIAL	WIDTH	X	LENGTH	DOOR	CURB	OPENING	LINK TEMP (°F)		CLOSING	—	OPTIONS
BSV		**G**		**X**								**—**	
	Z STC 50 - OITC 47	**G** Galvanneal Steel	Standard Sizes (W x L) 48" x 48" 48" x 72" 48" x 96" 60" x 60" 60" x 96" 60" x 120" 72" x 72" 72" x 96" *Additional size options also available.*			**D** Double Door **Q** Quad Door	**2** Double Wall **3** Curb Mount	**N** No Electrical **L** 24VDC/24VAC **H** 110VAC / 240VAC **A** Linear Actuator*	**165** **212** **280**	**350** **360** **450**	**R** Rooftop Close **W** Manual Winch **L** Linear Actuator* *Voids UL		**SFM** FM Labeled **OP1** Door Position Sensor **B__** Burglar Bars
	Y STC 50 - OITC 39												

Download Drawings, CAD, Spec, and LEED documents at babcockdavis.com