



# VP410-S

## Surface Mount Unidirectional Enclosure

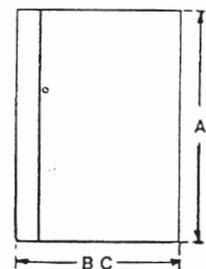


VP410-S

### Specifications

#### VP410-S

Type	Unidirectional
Cone	8" (203mm)
Re-Entrant Horn	APF Series*
Diameter (A)	10" (255mm)
Depth (B)	7" (179mm)
Projection(C)	7" (179mm)
Mounts To	Standard 4" Octagon E.O. Box
Weight	4 Lbs. (1.8 kg)
Horn Adapter Plate**	FAMT-6
Mounts Horn Model	APF-15
Retrofits Baffle Model	VP-60-R



\* Requires horn adapter ring FAMT-6.

\*\* Order separately. For use with horn loudspeakers only.

### Features

- Vandal-Proof Construction Protects Enclosed 8" Loudspeaker or Re-Entrant Horn from Damage or Tampering
- Suitable for Wall and Ceiling Surface-Mount Installations

### Applications

Atlas Sound VP410-S welded cylindrical baffle provides security against vandalism for standard 8" (203mm) loudspeakers or re-entrant horns fitted with an adapter plate. Sturdy, yet attractive, construction is suitable for ceiling and wall installations in schools, public buildings, and correctional facilities.

### General Description

Unidirectional vandal-proof baffle/enclosure, VP410-S, is designed for use with standard 8" (203mm) loudspeakers. Model will also mount an APF-15 flange mounting horn with the aid of an adapter plate Model FAMT-6. Housing is constructed of spun .090 tempered aluminum plate for maximum strength and rigidity. To prevent any possibility of tampering from the rear of the baffle, the rear edges are slightly regressed to allow the baffle to be drawn tightly against the ceiling.

Grille trim ring is cast from special, self-aging aluminum alloy with a tensile strength of 44,000 P.S.I. (twice that of conventional aluminum castings). Loudspeaker grille is reinforced with a stainless-steel, woven, wire mesh screen spun over a 21-gauge perforated CRS subplate. Final assembly is completed using flush-mount, heat-treated alloy screws. These tamperproof screws are countersunk to enhance security (special wrench provided). Model mounts to standard E.O. boxes (not included) via keyhole slots on the rear of the housing. It may also be flush mounted with anchors (by others) to the ceiling or wall for more secure and rigid installation. Baffle and housing are finished in satin aluminum with a clear, lacquer coating.

### Architect and Engineer Specifications

Vandal-proof baffle shall be Atlas Sound Model VP410-S. Housing shall be manufactured of spun .090 tempered aluminum and shall have a high-tensile, cast aluminum ring at one end. Ring shall be made of a self-aging alloy and shall have a tensile strength of 44,000 lbs. per sq. in. Grille shall have a stainless-steel, woven, wire mesh screen spun over a 21-gauge CRS subplate. Grille assembly shall be fastened to the cast trim ring from the inside by means of screws which shall not be visible.

Castings shall be fastened to housing by means of special heat-treated alloy tamper-proof screws which shall be flush. Special wrench shall be supplied. Mounting is achieved through slots for direct mounting to outlet box, or by means of independent anchors to ceiling. Baffle shall mount Atlas Sound 8" (203mm) loudspeaker Model\_\_\_\_\_ or re-re-entrant horn Model\_\_\_\_\_ (by means of Atlas Sound adapter plate Model FAMT-6). Finish shall be satin aluminum with a clear baked epoxy coating.

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