

PrivacyShield® Plenum Return Silencer G2



Description

The PrivacyShield® Plenum Return Silencer G2 is the next generation in air return silencers from Acoustical Solutions. For use in standard 2'x2' and 2'x4' suspended ceiling grids, these air vent silencers reduce the amount of sound transmission that would leak into a plenum space, without disrupting the required air flow. When placed over an existing air return grille, they increase speech privacy and prevent sound from moving from one space to the next.

Applications

Speech Privacy and Soundproofing for Private Offices, Conference Rooms, HR Departments, Legal Departments, and Medical Facilities.

Technical Characteristics

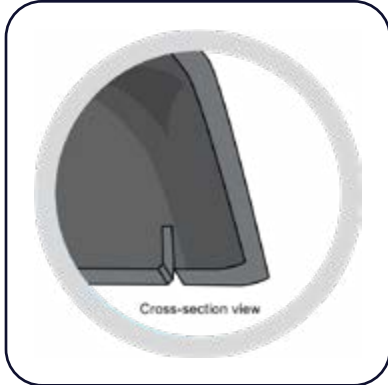
Size:	2' x 2' (actual overall size: 31" x 31")
Hood Composition:	Fiberglass core covered on both sides with non-woven polyester rayon facing molded into a single piece acoustical hood with optional 1 lb Septum
Air Chute Composition:	Two part, black molded fiberglass board with exterior fire-resistant foil scrim facing
Ceiling Tile Barrier:	0.12 inch (3.05 mm) woven polyester acoustic decouple facing adhered to a 0.12 inch (3.05 mm) mass loaded vinyl sound barrier with a 0.003 inch (0.08 mm) fire retardant fabric backing
Maximum Air Flow:	750 CFM (ft ³ / min.)
Fire Resistance:	Class A per ASTM E84 (UL 723)
Mounting:	Unit is constructed using the provided tape and placed in the ceiling grid on top of an existing perforated air return grille.



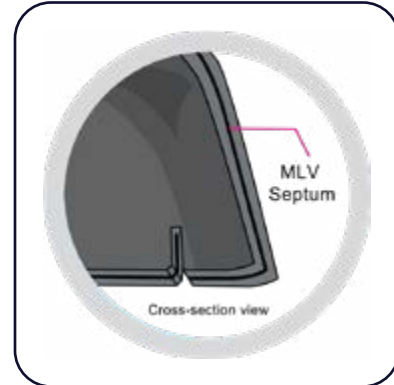
Revised: 2025-04-30

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HOOD STANDARD



HOOD WITH 1 LB SEPTUM



Sound Absorbing Performance

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	NRC
1.01	1.07	0.80	1.05	1.02	1.09	1.00

Per ASTM C423-09A; Type E-400 Mounting

Sound Blocking Performance

Type	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	STC
Hood Standard	5	4	4	5	6	7	5
Hood with 1 lb Septum	16	17	21	25	33	40	26

Per ASTM E90-09

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