

Silent-Mod Acoustical Louver™

Silent-Mod Acoustic Louvers are engineered to deliver high acoustic performance (Transmission Loss, dB) while minimizing airflow restrictions (Pressure Drop, in.w.g.) in space-limited applications. These louvers come in a variety of finishes and material options to fit your design needs. For systems or field conditions requiring flexibility, the louvers can be assembled in a modular fashion. We offer a selection of blade geometries designed to meet acoustic, aerodynamic, and security specifications. Applications include process air intakes, fresh air intakes for ventilation systems, mechanical equipment screens, cooling tower inlets, and more.

Features:

- Modular design allows flexible assembly and sizing to meet shipping and handling needs
- Standard, sight-proof, and airfoil blade options



Standard Blade (AL)



Sight-Proof V-Blade (AL-S)



Airfoil Blade (AL-F)

APPLICATIONS

Ventilation for industrial plants, mechanical rooms, acoustic enclosures, and noise barrier systems. Acoustic replacement option for standard rain louvers. Relief air from factories and workshops.

STANDARD CONSTRUCTION

Casing: 18 ga. galvanized steel
Internal: Acoustic grade fiberglass fill

LOUVER BLADE SHAPES

Standard (AL)
Sight-Proof V (AL-S)
Airfoil (AL-F)

STANDARD SIZE RANGES

Depth: 4 to 12 in
Width: Up to 48 in
Height: Up to 120 in

CUSTOM OPTIONS

Heavy Casings: 10 and 14 gauge steel
Casing Materials: Stainless steel (304 & 316), satin coat aluminum
Custom depths available
Wire mesh screen available for protection
Finish Options: Painted and corrosion protection
Mounting flange for installation ease
Custom configurations for space and weight restrictions
Protective Linings: Fiberglass cloth options
Mounting options: Hinged or door

ACCESSORIES

Access doors, 1x1 wire mesh for protection

Silent-Mod Acoustical Louver - Transmission Loss (dB)

Louver Type	Depth (in.)	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz
AL	4	4	6	8	11	15	20	16	12
	6	5	6	9	12	17	22	18	16
	8	6	7	10	14	20	23	21	18
	12	7	8	11	16	22	25	23	20
AL-S	8	6	7	11	16	23	25	24	19
	12	7	9	12	18	24	26	25	21
	18	7	10	13	20	16	27	25	22
	24	8	11	14	21	28	28	26	22
AL-F	8	5	5	6	9	12	13	10	12
	12	7	7	9	12	15	14	11	12
	18	7	9	11	14	20	18	12	13
	24	8	11	12	19	24	22	13	13



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