

ERM-TH/AH Heavy-Duty Weather Louver

Tested in accordance with AMCA 500-89



ASLI ERM-TH is a 130mm depth non-drainable heavy-duty weather louver designed to protect air intake and exhaust opening in building exterior walls. Excellent blade profile provides maximum resistance to rain and weather while providing minimum resistance to airflow.

Materials

ERM-TH

Frame : 1.2mm thickness galvanized steel.
Blade : 0.7mm thickness galvanized steel.

ERM-AH

Frame : 1.2mm thickness aluminium sheet.
Blade : 0.7mm thickness aluminium sheet.

Surface Finish

Baked white powder coated as standard.
Others available upon request.

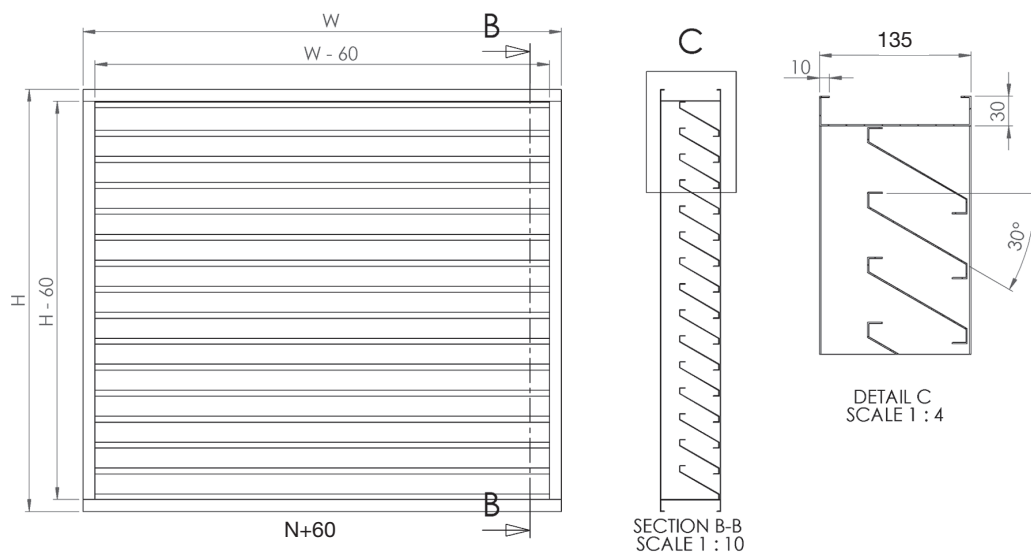
Accessories

IS Inset netting
BS Bird screen

Features

- 30 degree louver blade profile provides approximately 50% free area.
- High air flow capacity.
- High rain resistance.
- Low pressure drop.
- No visible support bar in front view for multiple sections.
- Hidden mullion design for more aesthetic appearance

ERM - AH/TH Construction Illustrations

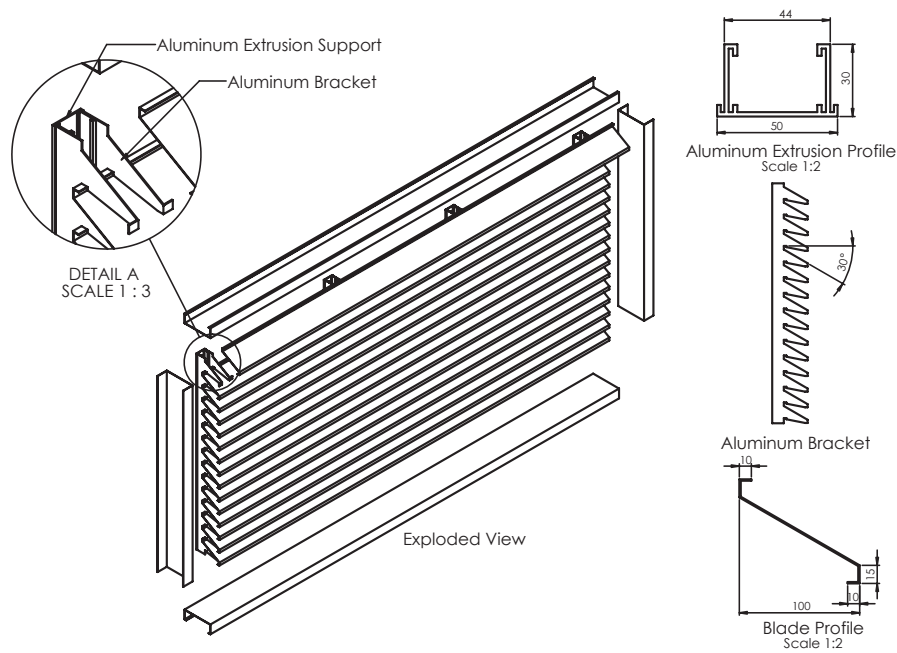


Drawing 1 : ERM-AH-Flange

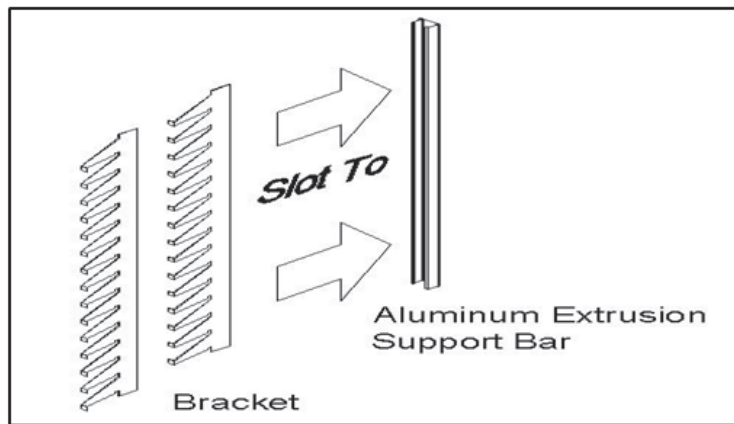
ERM-TH / AH

Heavy-Duty Weather Louver

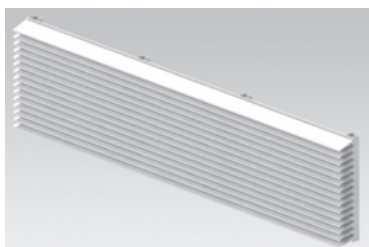
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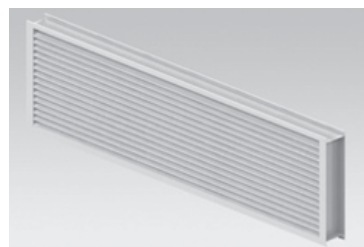
Drawing 1: ERM-AH use Aluminum Extrusion as Support Bar



Drawing 2: ERM-AH Support Bar Installation method



Frameless ERM-AH from front view
(optional)



Full Frame ERM-AH fornt view

ERM-TH / AH

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ERM-TH Performance Data

Air Volume (CMH)	Ps (Pa)	Free Vel. (m/s)	Qm (mL/15min)	Qc (L/15min)
2160	12	1.5	15	0.015
2880	15	2.2	55	0.055
3960	18	2.8	100	0.100
4680	20	3.4	130	0.130
6120	24	4.4	205	0.205
7560	28	5.6	265	0.265
8640	31	6.4	310	0.310

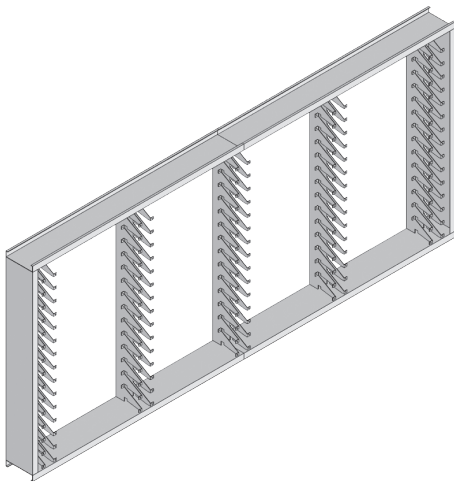
Ps = Static pressure drop

Qm = Water carry-over (mL/15 min)

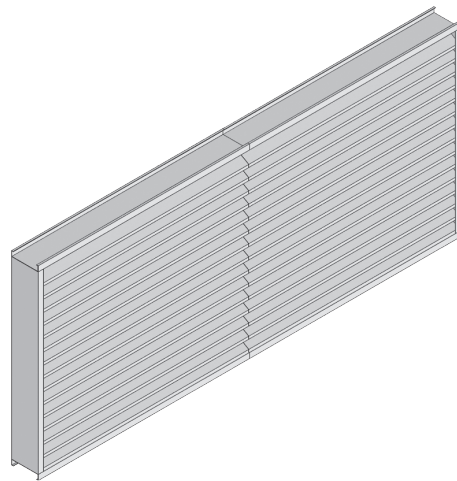
Qc = Water carry-over (L/15 min)

Above performance data are generated based on louver size 1000 x 1000mm.

Above performance data were tested in accordance with AMCA "Air Movement and Control Association" (Standard 500-89). Test Method for louvers, dampers and shutters.



ERM-TH/AH with support bars before blade installation



ERM-TH/AH fully assembled with no visible support bar from front view



Photo of ERM-TH used as door gate at ASLI factory



Photo of ERM-TH used as door gate at ASLI factory

ERM-TH / AH Order Code

Model	Material	Accessories	Base Size
ERM	TH	IS	B 1000 x 1000

Example : ERM - TH + IS - B 1000 x 1000

Remark : In base size only