

APPLICATION

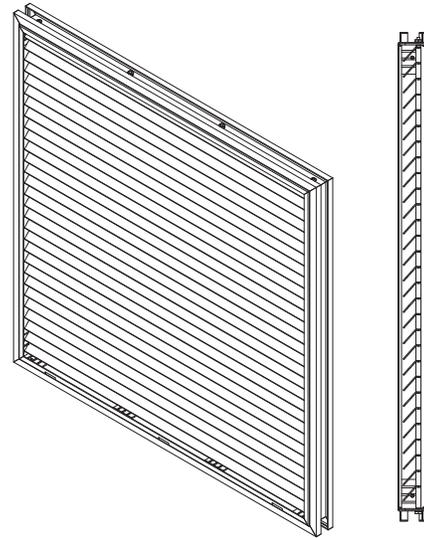
The 1.4LS louver is designed primarily to improve the exterior appearance of facades containing PTAC units, making them function properly, due to its low resistance to the passage of air.

STANDARD CONSTRUCTION

MATERIAL	6063-T6 Extruded Aluminum
FRAME	The Frame is 1 3/8" or 1 1/4" deep 0.05" nominal wall thickness
BLADES	0.05" nominal wall thickness The distance between centers is 3/4" The Inner Blade distance is 1/2"
MAXIMUM LOUVER SIZE	Dimensions: 70"w x 120"h (Spacing stiffener= 16")
MINIMUM LOUVER SIZE	Dimensions: 12"w x 12" h
APPROX. WEIGHT	1,07 lb/ft ²

FEATURES

- High performance
- 52% Free Area (Louver 48x48")
- Air conditioning/PTAC application
- 1 3/8 or 1 1/4" thinline louver
- Corrosion resistant
- Durability and low maintenance



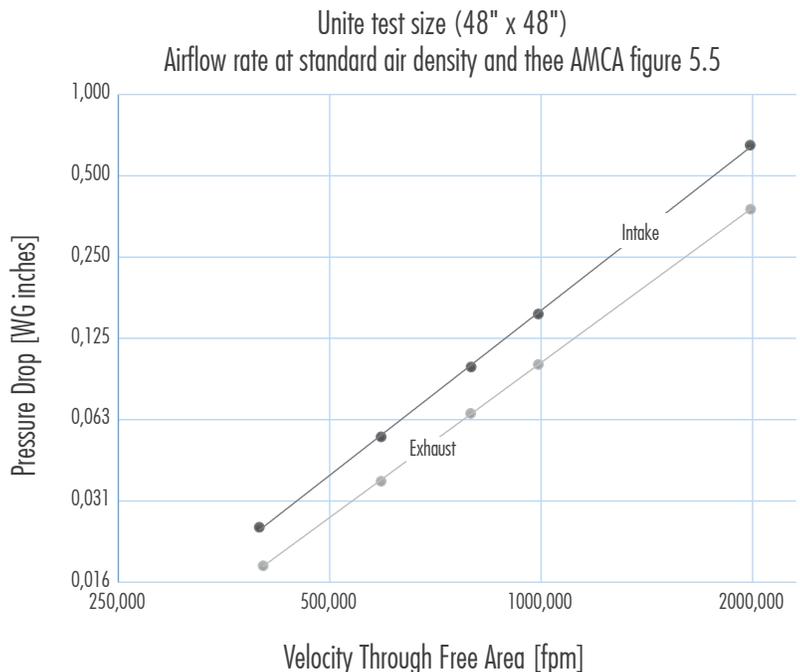
CERTIFICATION



CI ES METALS certifies that Models ESM 1.4LS-42° are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance.

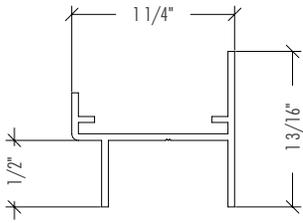
AIR PERFORMANCE

Model ESM-1.4LS-42° resistance to airflow (pressure drop) varies depending on louver application (air intake or air exhaust). Free area velocities (shown) are higher than average velocity through the overall louver size. See louver selection information. (Test Figure 5.5-6.5)

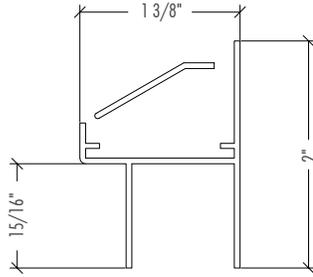


FRAME

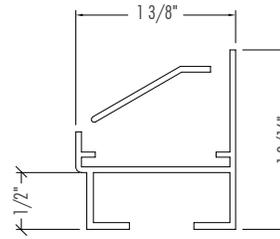
Option 1: ES-LV-01



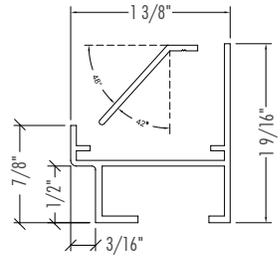
Option 2: ESM-LV-001



Option 3: ESM-LV-003

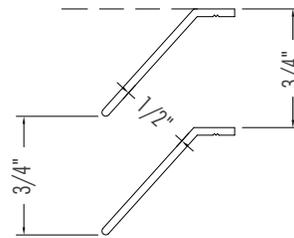
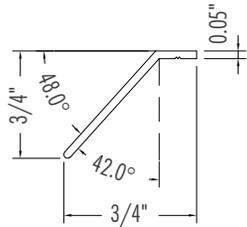


Option 4: ESM-LV-004



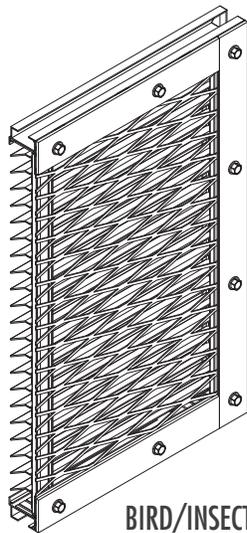
BLADES

ES-LV-002

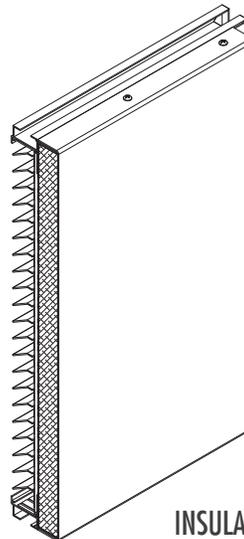


OPTIONAL ACCESSORIES

Options available at additional cost include:



BIRD/INSECT SCREEN
(INTERNAL VIEW)



INSULATED BLANK OFF
(INTERNAL VIEW)

FREE AREA CHART (Free area chart shows free area in %)

OPEN AREA % - ESM-1.4LS LOUVER SYSTEM-BLADE 42°
LOUVER WIDTH

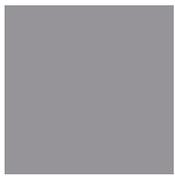
	12"	24"	36"	48"	60"	72"	84"	96"	108"	120"
12"	31%	35%	37%	37%	38%	38%	38%	38%	39%	39%
24"	39%	43%	46%	47%	47%	48%	48%	48%	48%	48%
36"	41%	46%	49%	50%	50%	51%	51%	51%	52%	52%
48"	42%	48%	51%	52%	52%	53%	53%	53%	53%	53%
60"	43%	49%	52%	52%	53%	54%	54%	54%	54%	54%
72"	44%	49%	53%	53%	53%	54%	54%	54%	55%	55%
84"	44%	50%	53%	54%	54%	55%	55%	55%	55%	55%
96"	44%	50%	53%	54%	54%	55%	55%	55%	56%	56%
108"	45%	50%	54%	54%	54%	55%	55%	56%	56%	56%
120"	45%	50%	54%	54%	55%	56%	56%	56%	56%	56%

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FINISHES

ES METALS standard colors are the following: Two coats: Primer and color coat:

				
Bone White UC43350	Black UC40577	Arcadia Silver UC70123F	Silverstorm UC106685F	Bermuda Bronze UC105262

Note: Contact us for more custom colors.