ESM 1.4LS-42°

PTAC LOUVER
STATIONARY LOUVER

E|S Louvers & Screens

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: 120"w x 70"h (Spacing stiffener= 10")
MINIMUM LOUVER SIZE	Dimensions: 12"w x 12" h
APPROX. WEIGHT	1,07 lb/ft^2

FEATURES

- 50% Free Area (Louver 48x48")
- AMCA 500L (Air Performance)
- Air conditioning/PTAC application
- 1 3/8 or 1 1/4" thinline louver
- Corrosion resistant
- Durability and low maintenance



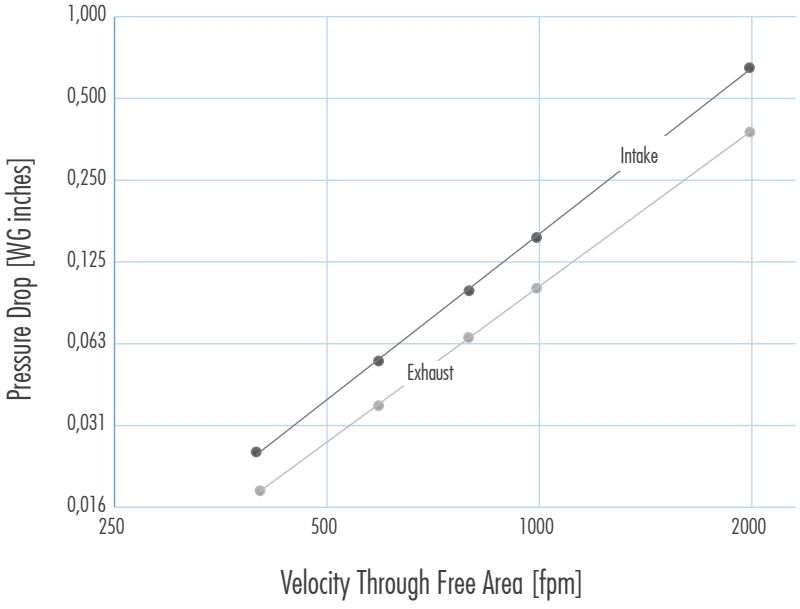
CERTIFICATION

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)

Unite test size (48" x 48")
Airflow rate at standard air density and thee AMCA figure 5.5



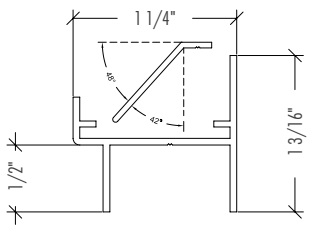
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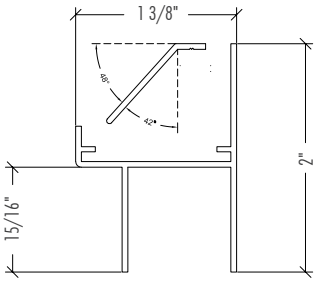
Louvers & Screens

FRAME

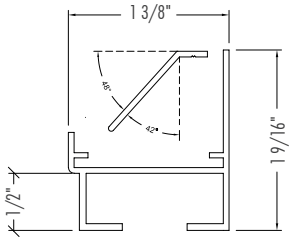
Option 1: ES-LV-01



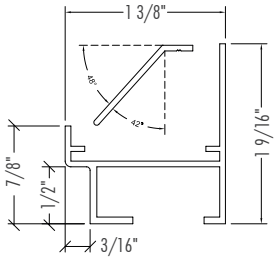
Option 2: ESM-LV-001



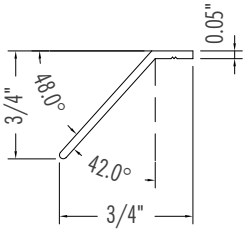
Option 3: ESM-LV-003

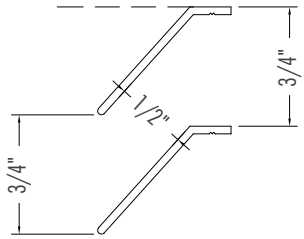


Option 4: ESM-LV-004



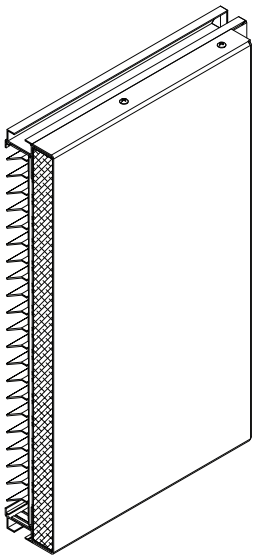
BLADES ES-LV-002



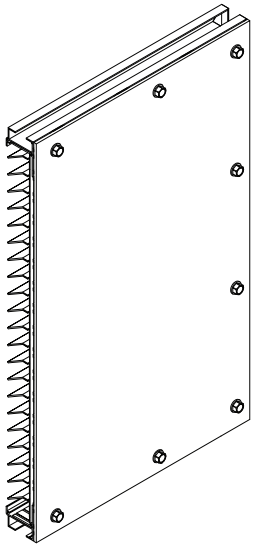


OPTIONAL ACCESSORIES

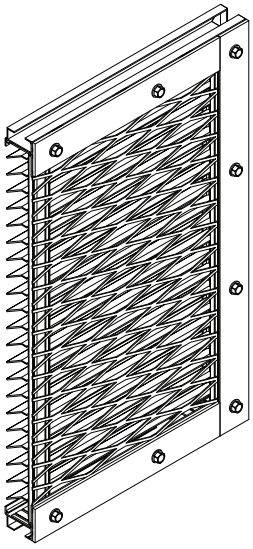
Options available at additional cost include:



BLANK OFF
(INTERNAL VIEW)



BACK PAN
(INTERNAL VIEW)



BIRD SCREEN
(INTERNAL VIEW)

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

UNIT WIDTH

UNIT HEIGHT	12''	24''	36''	48''	60''	72''
12''	37%	40%	42%	42%	42%	43%
24''	40%	43%	45%	45%	46%	46%
36''	42%	45%	48%	48%	48%	49%
48''	43%	47%	49%	50%	50%	50%
60''	44%	47%	50%	50%	50%	51%
72''	44%	48%	50%	50%	51%	51%
84''	44%	48%	50%	50%	50%	51%
96''	44%	48%	50%	51%	51%	51%
108''	45%	48%	51%	51%	51%	52%
120''	45%	48%	51%	51%	51%	52%

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

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FINISHES

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

E|S METALS

	Bone White	Black	Arcadia Silver	Silverstorm	Bermuda Bronze
AAMA2605	UC43350	UC40577	UC70123F	UC106685F	UC105262
AAMA2604	UC141202	UC130902	UC143459	UC139554	UC143010

Note: Contact us for more custom colors.

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