ESM 1.8LS-H

WIND DRIVEN RAIN (WDR)
HIGH PERFORMANCE LOUVER
STATIONARY LOUVER

E|S Louvers & Screens

APPLICATION

The ESM-1.8LS-H Louver is a high-performance, wind-driven rain louver designed to provide optimal airflow while effectively minimizing water penetration. Developed for use in demanding exterior environments, it offers a combination of durability, modern design, and superior functionality.

STANDARD CONSTRUCTION

MATERIAL	6063-T6 extruded aluminum
FRAME	The frame is 1 7/8" deep, 6063 extruded aluminum. 0.06" nominal wall thickness.
BLADES	The blades are 6063 extruded aluminum. 0.04" nominal wall thickness. The distance between centers is 13/16". The Inner Blade distance is 3/8".
MAXIMUM LOUVER SIZE	Dimensions: 90"w x 120"h Area: 75.0 sqft. 120"w x 90"h Area: 75.0 sqft.
MINIMUM LOUVER SIZE	Dimensions: 12"w x 12" h
APPROX. WEIGHT	3,21 lb/ft^2

FEATURES

- High performance
- 34,42% Free Area (Louver 48x48")
- 1 7/"8 deep
- Corrosion resistant
- Durability and low maintenance



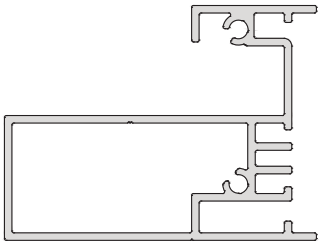


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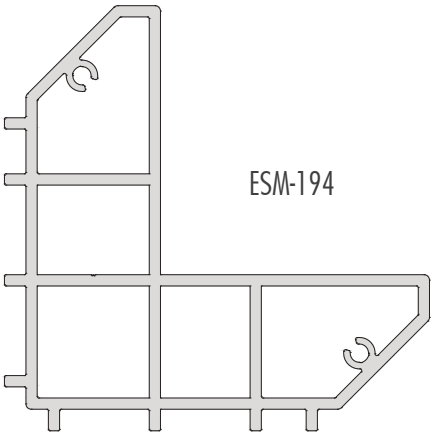
FRAME



ESM-103

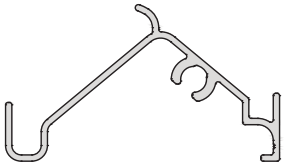


ESM-XXX

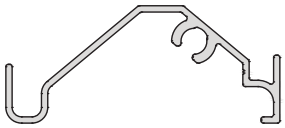


ESM-194

BLADE

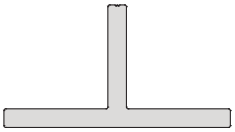


ESM-104

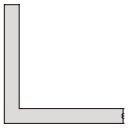


ESM-105

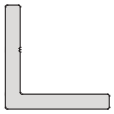
INSTALLATION PROFILES



ESM-107



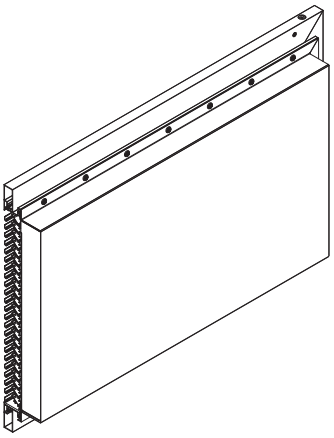
ALU-A-011



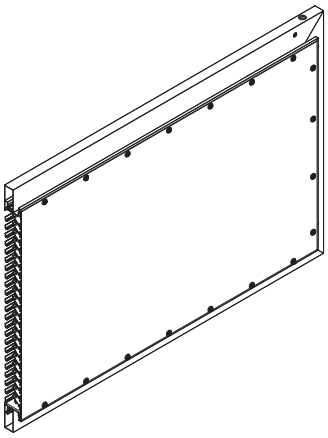
ESM-106

OPTIONAL ACCESSORIES

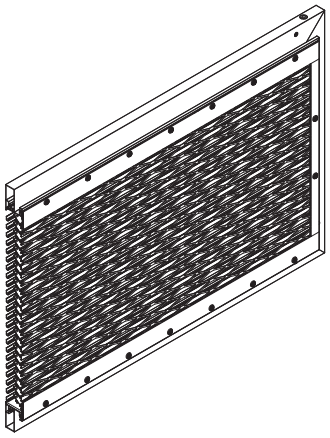
Options available at additional cost include.



INSULATED BLANK OFF
(INTERNAL VIEW)



BACK PAN
(INTERNAL VIEW)



BIRD/INSECT SCREEN
(INTERNAL VIEW)

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

ESM-1.8LS-H LOUVER SYSTEM OPEN AREA %

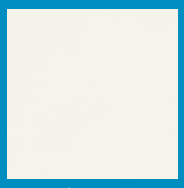
UNIT HEIGHT \ UNIT WIDTH	12''	24''	36''	48''	60''	72''	84''	96''	108''	120''
12''	14 %	19 %	20 %	21 %	21 %	22 %	22 %	22 %	23 %	23 %
24''	20 %	27 %	28 %	30 %	31 %	31 %	32 %	32 %	32 %	33 %
36''	22 %	30 %	31 %	33 %	34 %	35 %	35 %	35 %	36 %	36 %
48''	23 %	33 %	32 %	34 %	36 %	36 %	37 %	37 %	38 %	38 %
60''	24 %	33 %	34 %	36 %	37 %	38 %	38 %	39 %	39 %	39 %
72''	25 %	33 %	34 %	36 %	37 %	38 %	39 %	39 %	39 %	40 %
84''	25 %	34 %	34 %	36 %	38 %	38 %	39 %	39 %	40 %	40 %
96''	25 %	34 %	35 %	37 %	38 %	39 %	40 %	40 %	40 %	41 %
108''	25 %	34 %	35 %	37 %	38 %	39 %	40 %	40 %	40 %	41 %
120''	25 %	34 %	35 %	37 %	38 %	39 %	40 %	40 %	41 %	41 %

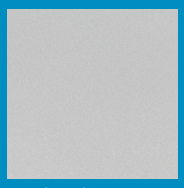
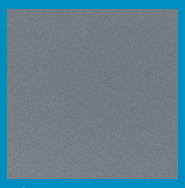
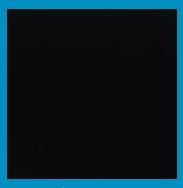
ESM-1.8LS-H LOUVER SYSTEM FREE AREA SQFT

UNIT HEIGHT \ UNIT WIDTH	12''	24''	36''	48''	60''	72''	84''	96''	108''	120''
12''	0,14	0,38	0,58	0,83	1,07	1,31	1,55	1,79	2,03	2,27
24''	0,40	1,09	1,67	2,36	3,05	3,74	4,43	5,12	5,81	6,50
36''	0,67	1,81	2,78	3,92	5,07	6,21	7,36	8,50	9,65	10,79
48''	0,94	2,63	3,90	5,51	7,12	8,72	10,33	11,94	13,55	15,16
60''	1,22	3,31	5,06	7,15	9,24	11,33	13,41	15,50	17,59	19,68
72''	1,47	3,99	6,11	8,63	11,15	13,67	16,20	18,72	21,24	23,76
84''	1,73	4,70	7,20	10,17	13,15	16,12	19,09	22,06	25,03	28,00
96''	2,00	5,44	8,33	11,76	15,20	18,47	22,07	25,51	28,94	32,38
108''	2,27	6,16	9,43	13,32	17,21	21,10	24,99	28,88	32,77	36,67
120''	2,53	6,86	10,51	14,85	19,18	23,52	27,85	32,19	36,52	40,86

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.

+1 (305) 213 2985 contact@es-metals.com www.es-metals.com