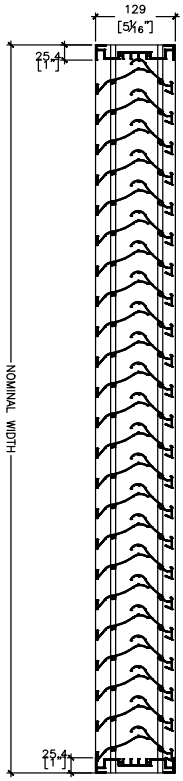
KPS | LOUVERS
KEITH PANEL SYSTEMS

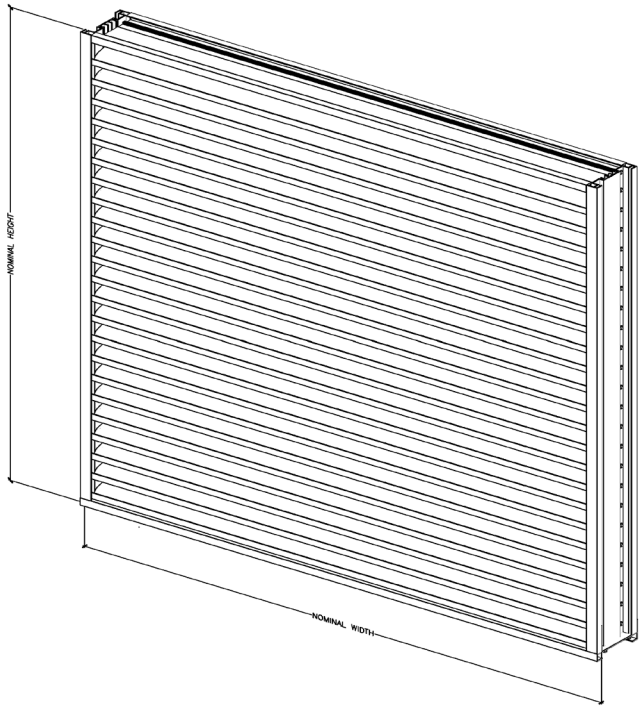
ALUMINUM STORM LOUVER
5” (129) DEEP | DRAINABLE
MODEL: KPS 5SL-H / STORM

The KPS 5SL-H is a framed 5” (129mm) deep, extruded aluminum, drainable storm louver with horizontally oriented blades designed to allow a high-volume of air intake or exhaust for HVAC systems while providing maximum protection against severe weather by preventing the infiltration of wind-driven rain, debris, and snow into a building’s interior. The units install easily in most common wall configurations. The blade design effectively captures run-off water at the guttered front end and weeps it away to the vertical jamb extrusion, where it is directed down channels that drain to the exterior.



STANDARD CONSTRUCTION

Material:	Type 6063-T6 extruded aluminum
Frame Depth:	5” (129mm)
Frame Thickness:	0.080” (2.03mm)
Blade Thickness:	0.080” (2.03mm)
Blade Angle:	25 degrees.
Blade Spacing:	2” (50mm) O.C.
Mullion Width:	3/4” (19.1mm)
Birdscreen Option:	0.5” x 1/16” (12.7mm x 1.6mm) openings Aluminum or stainless steel adds approximately 3/8” (10mm) to louver depth
Widths:	Min. 12” (305mm) / Max. 72” (1829mm)
Heights:	Min. 12” (305mm) / Max. 120” (3048mm)
Fasteners:	NZF3000 corrosion resistant



OPTIONAL FINISHES:

- Powder Coat AAMA 2603 or 2605 / Custom Colour.
- Clear Anodized Class 1
- Light, Medium, or Dark Bronze Anodized
- Black Anodized

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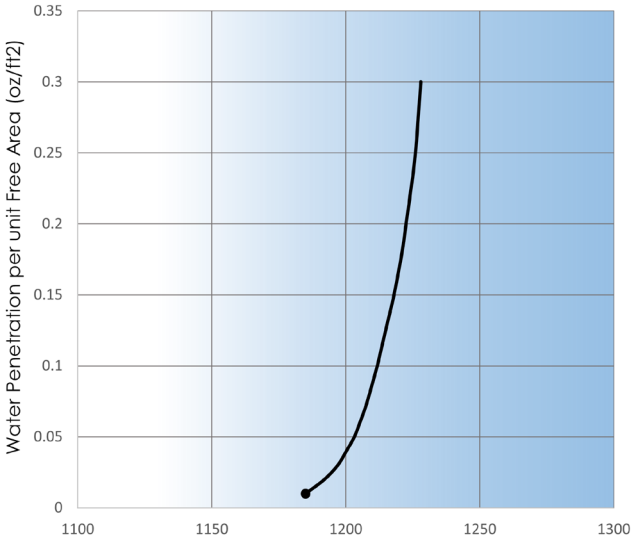
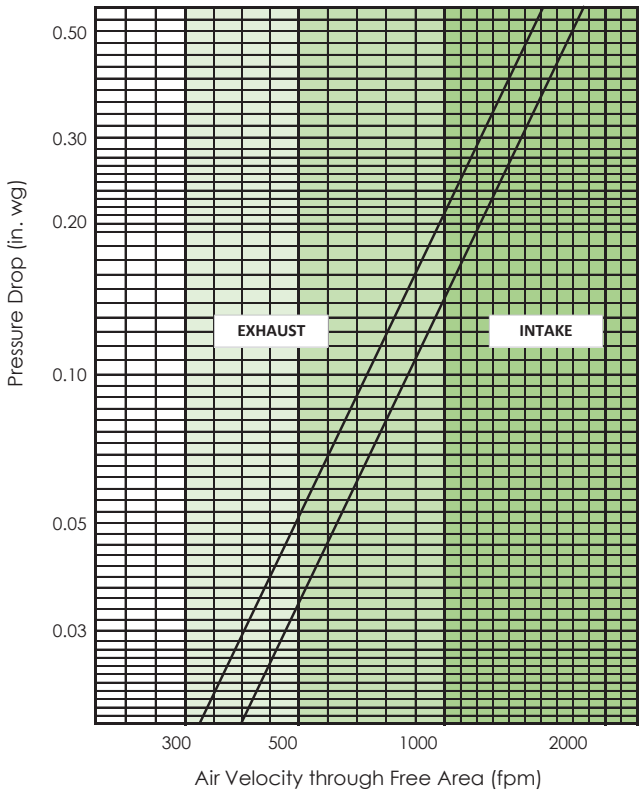
MODEL: KPS 5SL-V / STORM

WATER PENETRATION
Test Size 48" x 48"



PRESSURE DROP
Test Size 48" x 48"



FREE AREA (square feet)

LOUVER WIDTH (inches)

LOUVER HEIGHT (inches)	12	18	24	30	36	42	48	54	60	66	72
12	0.4	0.61	0.82	1.02	1.23	1.44	1.65	1.86	2.07	2.27	2.48
18	0.64	0.97	1.31	1.64	1.97	2.31	2.64	2.97	3.31	3.64	3.97
24	0.88	1.34	1.8	2.25	2.71	3.17	3.63	4.09	4.55	5	5.46
30	1.12	1.7	2.28	2.87	3.45	4.03	4.62	5.2	5.78	6.37	6.95
36	1.36	2.07	2.77	3.48	4.19	4.9	5.61	6.32	7.02	7.73	8.44
42	1.6	2.43	3.26	4.1	4.93	5.76	6.6	7.43	8.26	9.1	9.93
48	1.84	2.8	3.75	4.71	5.67	6.63	7.59	8.55	9.5	10.46	11.42
54	2.08	3.16	4.24	5.33	6.41	7.49	8.58	9.66	10.74	11.83	12.91
60	2.32	3.52	4.73	5.94	7.15	8.36	9.57	10.77	11.98	13.19	14.4
66	2.56	3.89	5.22	6.56	7.89	9.22	10.56	11.89	13.22	14.56	15.89
72	2.8	4.25	5.71	7.17	8.63	10.09	11.55	13	14.46	15.92	17.38
78	3.03	4.62	6.2	7.78	9.37	10.95	12.53	14.12	15.7	17.28	18.87
84	3.27	4.98	6.69	8.4	10.11	11.82	13.52	15.23	16.94	18.65	20.36
90	3.51	5.35	7.18	9.01	10.85	12.68	14.51	16.35	18.18	20.01	21.85
96	3.75	5.71	7.67	9.63	11.59	13.55	15.5	17.46	19.42	21.38	23.34
102	3.99	6.08	8.16	10.24	12.33	14.41	16.49	18.58	20.66	22.74	24.83
108	4.23	6.44	8.65	10.86	13.07	15.27	17.48	19.69	21.9	24.11	26.32
114	4.47	6.81	9.14	11.47	13.81	16.14	18.47	20.81	23.14	25.47	27.81
120	4.71	7.17	9.63	12.09	14.55	17	19.46	21.92	24.38	26.84	29.3

NOTE: All data on this page indicates anticpated performance results.

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