



JAESUNG ALUMINIUM CO., LTD.

Fixed Aluminum Louver for Architecture

- Fixed Aluminum Louver Structure
- Anodized Aluminum Finish
- Black Anodized Element
Premium Black Finish

"Architectural Design Solutions for Optimal Airflow and Form Verification"

[Version 1.0, June 2026]

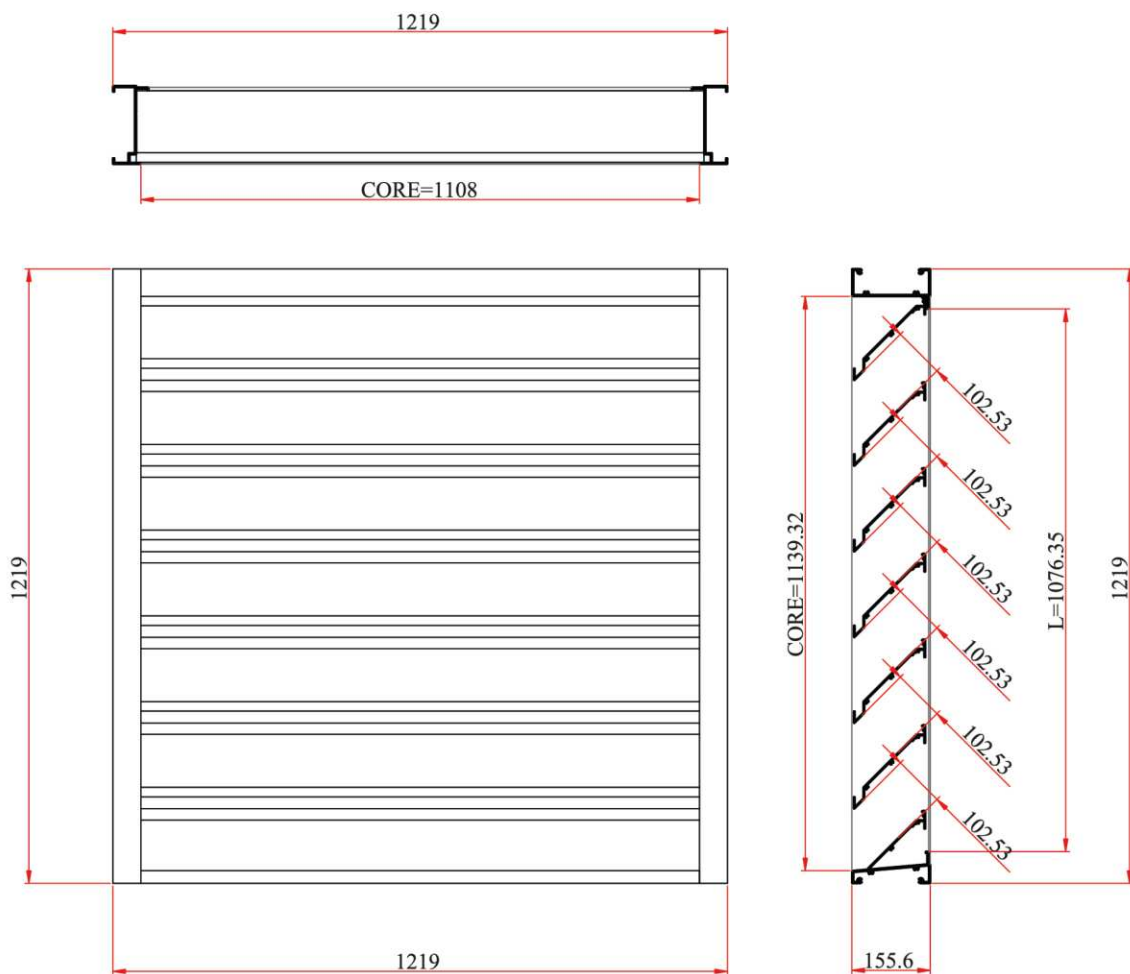


JSA-A-100 LOUVER

Fixed Aluminum Louver

Manufacturer Information (Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-A-100
Louver Type	Fixed, Non-Drainable, Horizontal Blade
Minimum Size	11.8 in. W x 11.2 in. H (300 mm x 285 mm)
Maximum Size	59.1 in. W x 236.2 in. H (1500 mm x 6000 mm)



Model No. JSA-A-100



Jaesung Aluminum Co., Ltd. certifies that the JSA-A-100 shown herein is 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 Program seal applies to Air Performance, Water Penetration, and Wind Driven Rain ratings.

1. Free Area Performance

Model	JSA-A-100
Minimum Size	11.8 in. W x 11.2 in. H (300 mm x 285 mm)
Maximum Size	59.1 in. W x 236.2 in. H (1500 mm x 6000 mm)
Test Size	48 in. W x 48 in. H
Free Area	7.16 sq. ft. (13.61 sq. ft. Core Area)

Free Area Table (sq. ft.)

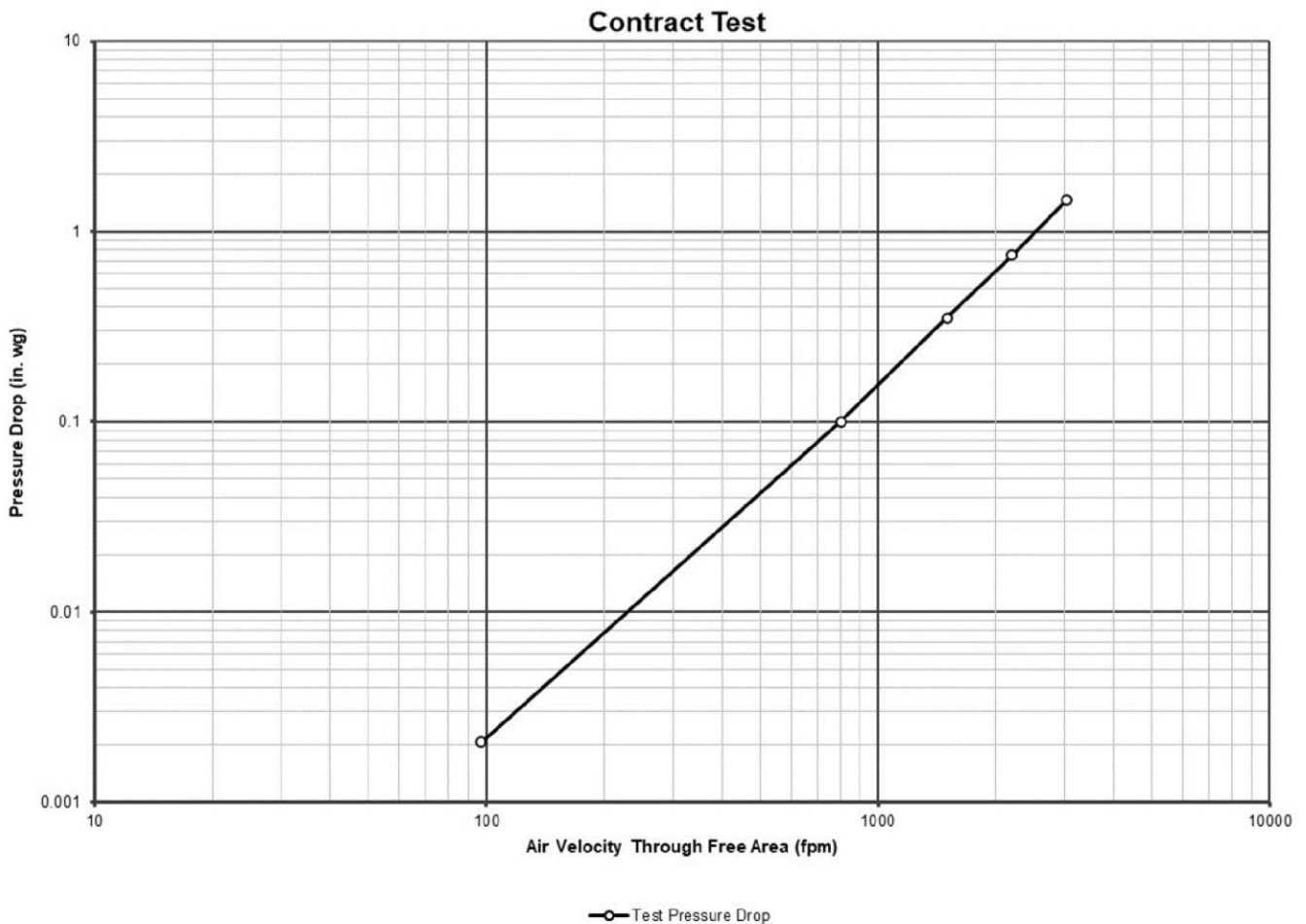
H" / W"	12	24	36	48	59.1
12	21.3% 0.213	30.7% 0.614	33.9% 1.016	35.4% 1.417	36.3% 1.788
24	25.1% 0.501	36.1% 1.445	39.8% 2.389	41.7% 3.332	42.7% 4.205
36	26.3% 0.79	37.9% 2.276	41.8% 3.762	43.7% 5.248	44.8% 6.623
48	27.0% 1.078	38.8% 3.106	42.8% 5.135	44.8% 7.164	45.9% 9.041
60	27.3% 1.366	39.4% 3.937	43.4% 6.508	45.4% 9.079	46.5% 11.457
72	27.6% 1.654	39.7% 4.768	43.8% 7.881	45.8% 10.995	47.0% 13.875
84	27.7% 1.942	40.0% 5.598	44.1% 9.254	46.1% 12.91	47.3% 16.292
96	27.9% 2.23	40.2% 6.428	44.3% 10.626	46.3% 14.826	47.5% 18.71
108	28.0% 2.518	40.3% 7.258	44.4% 11.998	46.5% 16.742	47.7% 21.128
120	28.1% 2.806	40.4% 8.088	44.6% 13.37	46.6% 18.658	47.8% 23.545
132	28.1% 3.094	40.5% 8.918	44.7% 14.742	46.8% 20.574	47.9% 25.963
144	28.2% 3.382	40.6% 9.748	44.8% 16.114	46.9% 22.49	48.0% 28.381
156	28.2% 3.67	40.7% 10.578	44.8% 17.486	46.9% 24.406	48.1% 30.799
168	28.3% 3.958	40.7% 11.408	44.9% 18.858	47.0% 26.322	48.2% 33.217
180	28.3% 4.246	40.8% 12.238	45.0% 20.23	47.1% 28.238	48.2% 35.635
192	28.3% 4.534	40.8% 13.068	45.0% 21.602	47.1% 30.154	48.3% 38.053
204	28.4% 4.822	40.9% 13.898	45.0% 22.974	47.2% 32.07	48.3% 40.471
216	28.4% 5.11	40.9% 14.728	45.1% 24.346	47.2% 33.986	48.4% 42.889
228	28.4% 5.398	40.9% 15.558	45.1% 25.718	47.2% 35.902	48.4% 45.306
236.2	28.4% 5.595	41.0% 16.125	45.1% 26.656	47.3% 37.211	48.4% 46.959



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2. Air Performance (Pressure Drop)

Model	JSA-A-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Intake
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density



Model No. JSA-A-100



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3. Water Penetration

Model

JSA-A-100

Test Method

ANSI / AMCA Standard 500-L, Figure 5.6

Beginning Point of Water Penetration

915.6 fpm (Free Area Velocity)

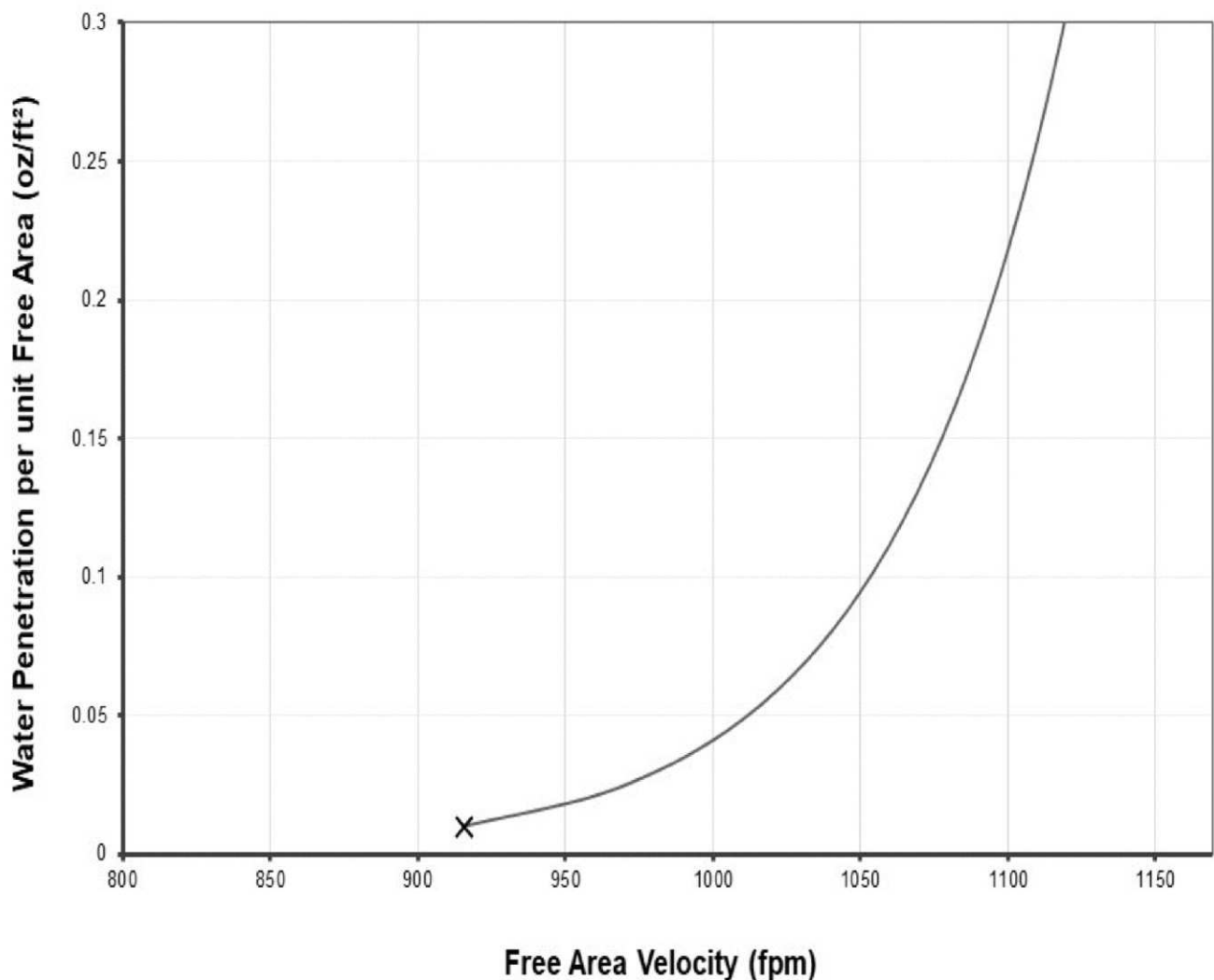
Test Conditions

Tested with wetted wall comb device

Tested for 15 minutes at standard air density,

Flow Direction: Intake

Contract Test



Water Penetration per Free Area X Beginning of Water Penetration

Model No. JSA-A-100



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4. Wind Driven Rain Performance

Model	JSA-A-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.11
Test Sample Size	1m x 1m core (39.375 in. x 39.375 in. core) / 47.75 in. x 47.75 in. nominal
Louver Type	Fixed, Non-Drainable, Horizontal Blade, Intake

Test 1: Rainfall Rate 3 in./hr (75 mm/h) & Wind Velocity 29 mph (13 m/s)

Core Velocity (fpm)	Ventilation Airflow (cfm)	Rejection Effectiveness (%)	Water Penetration Classification
19.63	211	96.9%	B
98.71	1061	95.4%	B
197.00	2092	97.2%	B
299.53	3166	92.8%	C
396.23	4188	91.8%	C
488.87	5170	90.7%	C
592.21	6262	86.9%	C
689.21	7268	78.5%	D

Note: Wind-driven rain penetration classes are non-extrapolatable and apply exclusively to the specific 1m x 1m core area configuration tested.

Test 2: Rainfall Rate 8 in./hr (200 mm/h) & Wind Velocity 50 mph (22 m/s)

Core Velocity (fpm)	Ventilation Airflow (cfm)	Rejection Effectiveness (%)	Water Penetration Classification
0.00	0	89.6%	C
195.30	2085	88.2%	C
197.67	2102	88.3%	C
335.73	3066	84.8%	C
387.56	4117	84.1%	C
490.53	5213	81.4%	C
588.90	6262	80.7%	C
684.98	7295	79.0%	D
908.51	8382	77.1%	D
883.43	9434	74.7%	D
981.54	10557	71.3%	D

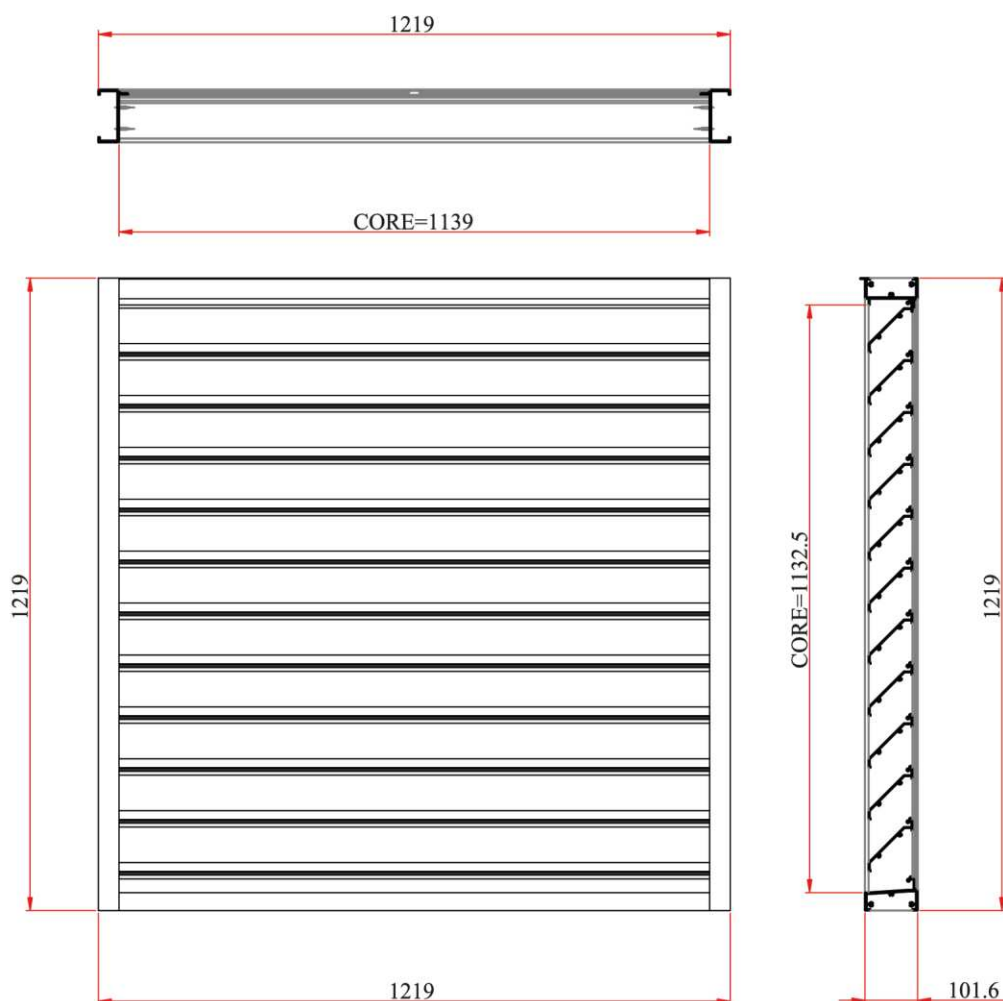
Note: Wind-driven rain penetration classes are non-extrapolatable and apply exclusively to the specific 1m x 1m core area configuration tested.

JSA-A-200 LOUVER

Fixed Aluminum Louver

Manufacturer Information (Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-A-200
Louver Type	Fixed, Non-Drainable, Horizontal Blade
Minimum Size	7.9 in. W x 8.1 in. H (200 mm x 205 mm)
Maximum Size	59.1 in. W x 236.2 in. H (1500 mm x 6000 mm)



Model No. JSA-A-200



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1. Free Area Performance

Model	JSA-A-200
Minimum Size	7.9 in. W x 8.1 in. H (200 mm x 205 mm)
Maximum Size	59.1 in. W x 236.2 in. H (1500 mm x 6000 mm)
Test Size	48 in. W x 48 in. H
Free Area	6.68 sq. ft. (13.91 sq. ft. Core Area)

Free Area Table (sq. ft.)

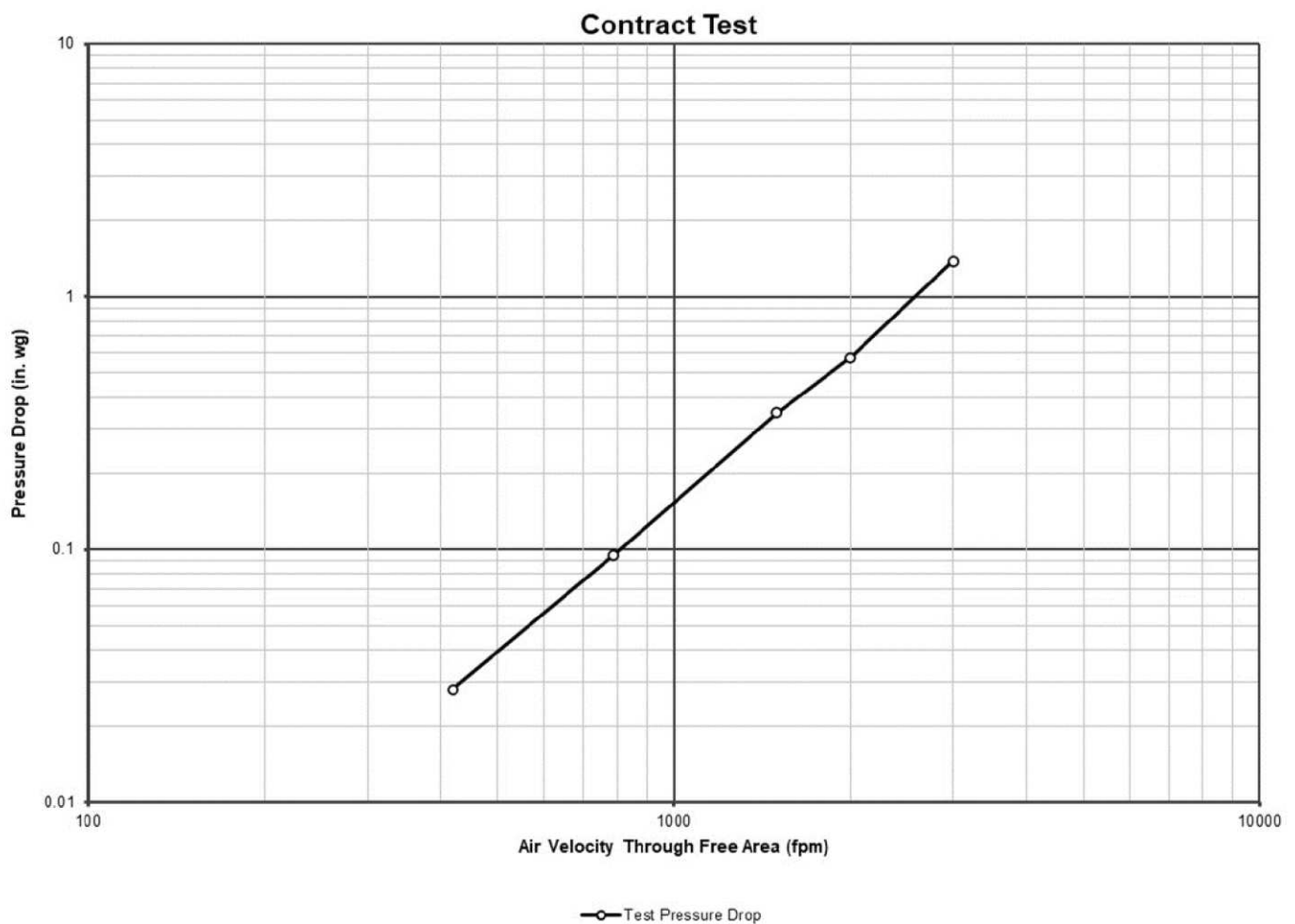
H" / W"	12	24	36	48	59.1
12	21.7%	28.8%	31.1%	32.3%	33.0%
	0.217	0.575	0.934	1.292	1.624
24	25.9%	34.4%	37.2%	38.6%	39.4%
	0.518	1.375	2.232	3.089	3.882
36	27.3%	36.2%	39.2%	40.7%	41.6%
	0.819	2.175	3.53	4.886	6.14
48	28.0%	37.2%	40.2%	41.8%	42.6%
	1.12	2.975	4.829	6.683	8.398
60	28.4%	37.7%	40.8%	42.4%	43.3%
	1.422	3.774	6.127	8.48	10.656
72	28.7%	38.1%	41.3%	42.8%	43.7%
	1.723	4.574	7.426	10.277	12.915
84	28.9%	38.4%	41.5%	43.1%	44.0%
	2.024	5.374	8.724	12.074	15.173
96	29.1%	38.6%	41.8%	43.3%	44.2%
	2.325	6.174	10.022	13.871	17.431
108	29.2%	38.7%	41.9%	43.5%	44.4%
	2.626	6.974	11.321	15.668	19.689
120	29.3%	38.9%	42.1%	43.7%	44.6%
	2.928	7.773	12.619	17.465	21.947
132	29.4%	39.0%	42.2%	43.8%	44.7%
	3.229	8.573	13.918	19.262	24.206
144	29.4%	39.1%	42.3%	43.9%	44.8%
	3.53	9.373	15.216	21.059	26.464
156	29.5%	39.1%	42.3%	44.0%	44.9%
	3.831	10.173	16.514	22.856	28.722
168	29.5%	39.2%	42.4%	44.0%	44.9%
	4.133	10.973	17.813	24.653	30.98
180	29.6%	39.2%	42.5%	44.1%	45.0%
	4.434	11.773	19.111	26.45	33.238
192	29.6%	39.3%	42.5%	44.1%	45.0%
	4.735	12.572	20.41	28.247	35.497
204	29.6%	39.3%	42.6%	44.2%	45.1%
	5.036	13.372	21.708	30.044	37.755
216	29.7%	39.4%	42.6%	44.2%	45.1%
	5.338	14.172	23.007	31.841	40.013
228	29.7%	39.4%	42.6%	44.3%	45.2%
	5.639	14.972	24.305	33.638	42.271
236.2	29.7%	39.4%	42.7%	44.3%	45.2%
	5.845	15.518	25.192	34.866	43.814



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2. Air Performance (Pressure Drop)

Model	JSA-A-200
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Intake
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density



Model No. JSA-A-200



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3. Water Penetration

Model

JSA-A-200

Test Method

ANSI / AMCA Standard 500-L, Figure 5.6

Beginning Point of Water Penetration

635.1 fpm (Free Area Velocity)

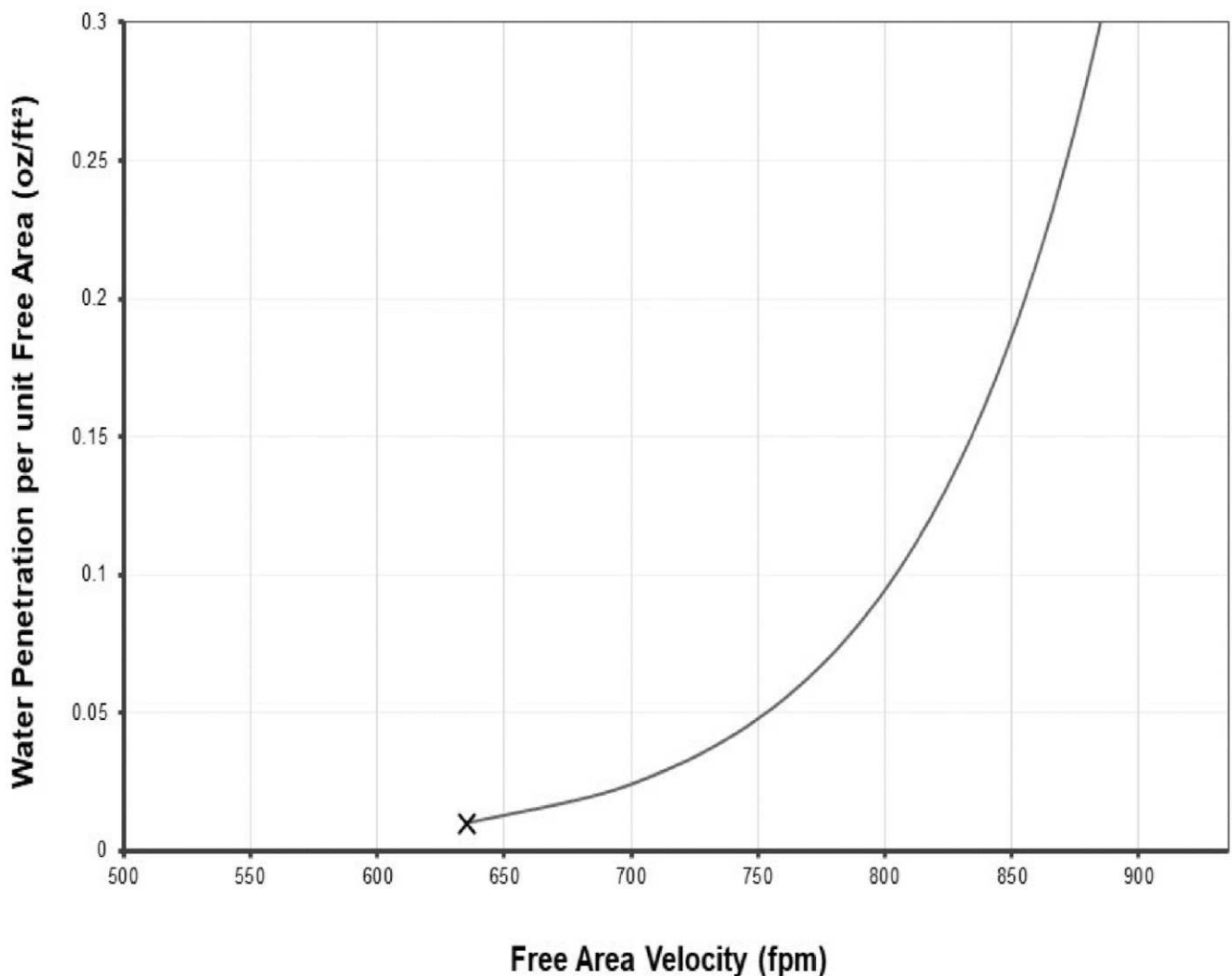
Test Conditions

Tested with wetted wall comb device

Tested for 15 minutes at standard air density

Flow Direction: Intake

Contract Test



Water Penetration per Free Area X Beginning of Water Penetration

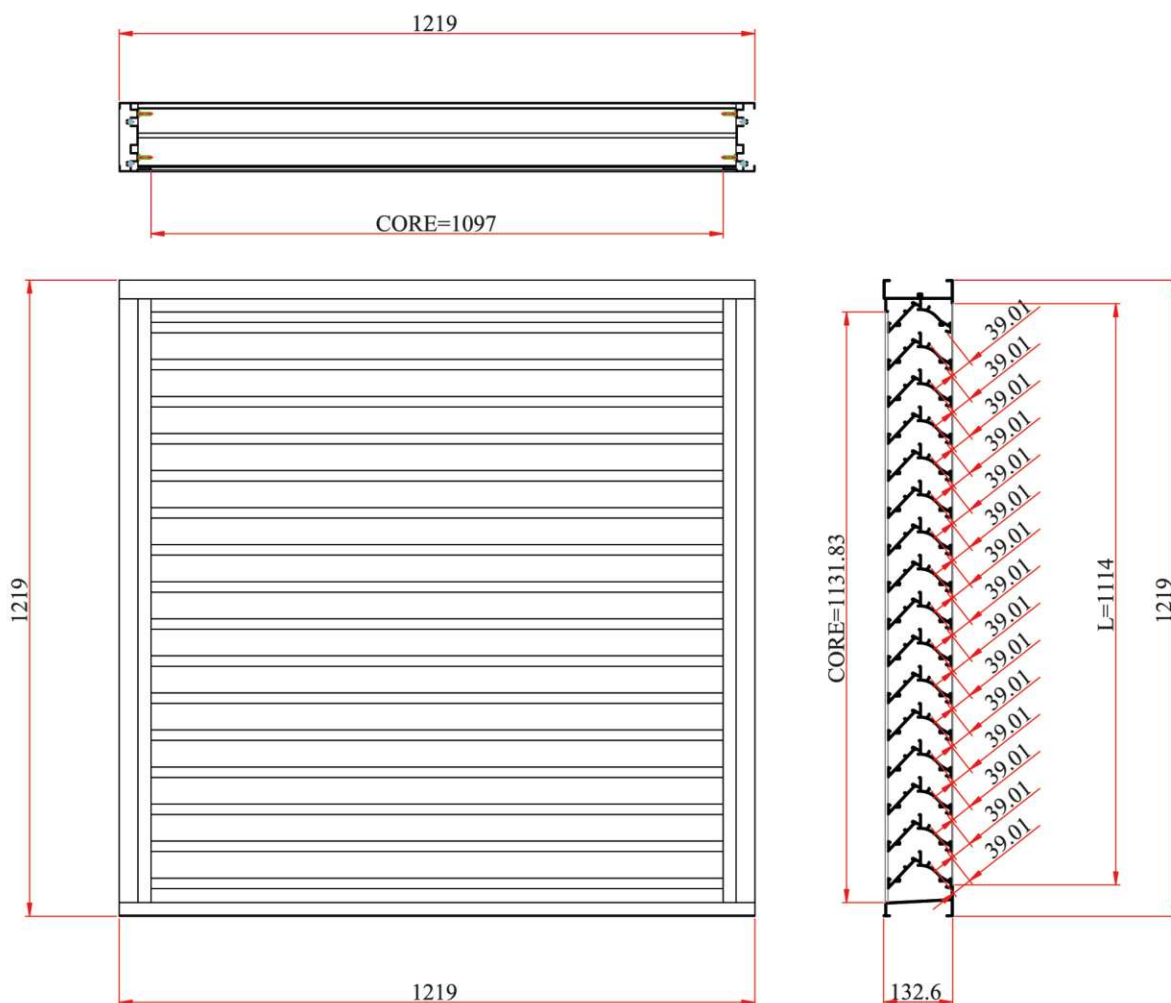
Model No. JSA-A-200

JSA-A-300 LOUVER

Fixed Aluminum Louver

Manufacturer Information (Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-A-300
Louver Type	Fixed, Non-Drainable, Horizontal Blade
Minimum Size	11.8 in. W x 11.2 in. H (300 mm x 285 mm)
Maximum Size	59.1 in. W x 236.2 in. H (1500 mm x 6000 mm)



Model No. JSA-A-300



Jaesung Aluminum Co., Ltd. certifies that the JSA-A-300 shown herein is 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 Program seal applies to Air Performance, Water Penetration, and Wind Driven Rain ratings.

1. Free Area Performance

Model	JSA-A-300
Minimum Size	11.8 in. W x 11.2 in. H (300 mm x 285 mm)
Maximum Size	59.1 in. W x 236.2 in. H (1500 mm x 6000 mm)
Test Size	48 in. W x 48 in. H
Free Area	6.35 sq. ft. (13.40 sq. ft. Core Area)

Free Area Table (sq. ft.)

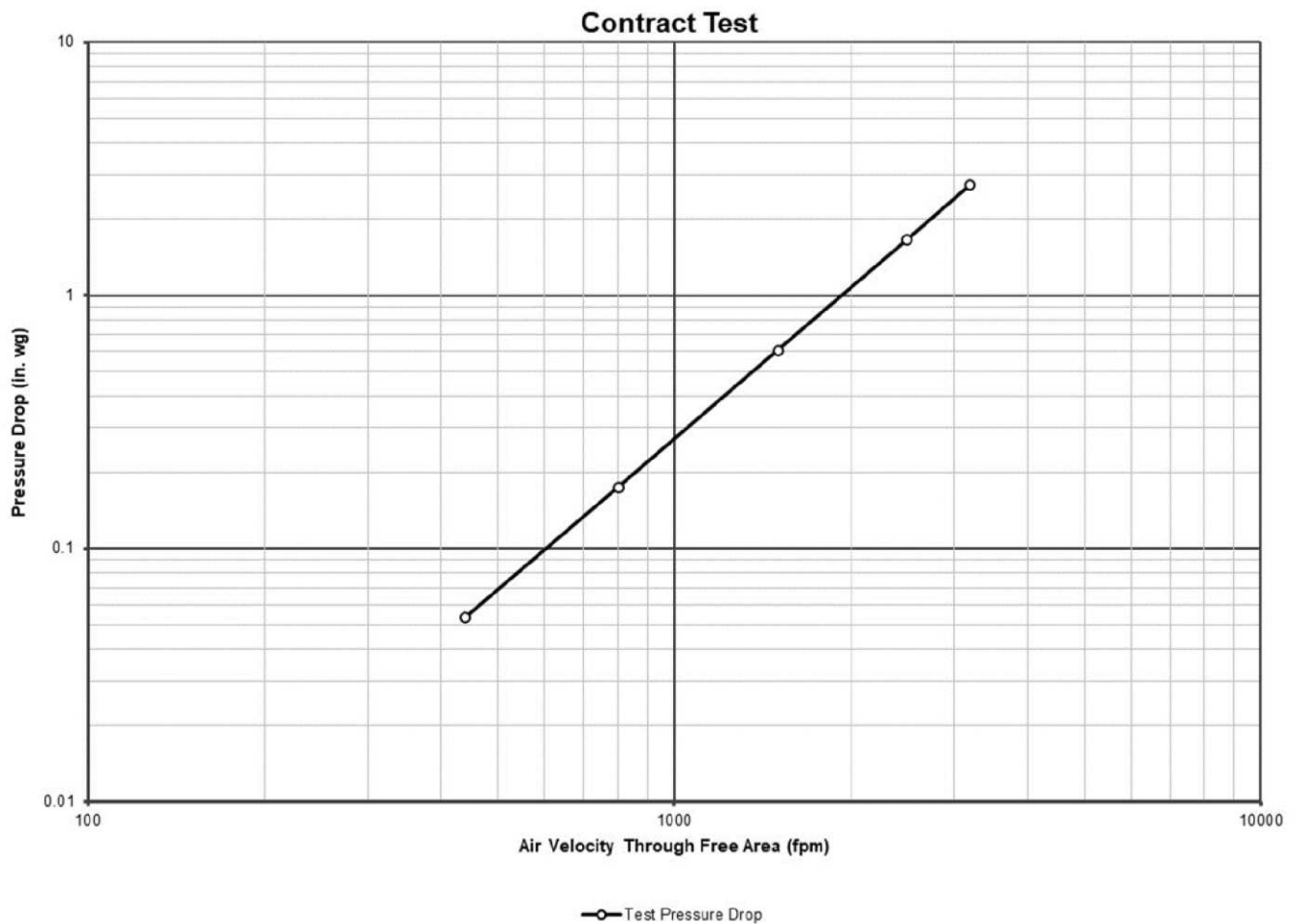
H" / W"	12	24	36	48	59.1
12	20.6%	27.4%	29.6%	30.7%	31.4%
	0.206	0.547	0.888	1.229	1.544
24	24.6%	32.7%	35.4%	36.7%	37.5%
	0.492	1.307	2.122	2.937	3.691
36	26.0%	34.5%	37.3%	38.7%	39.5%
	0.779	2.068	3.357	4.646	5.838
48	26.6%	35.4%	38.3%	39.7%	40.5%
	1.065	2.828	4.591	6.354	7.985
60	27.0%	35.9%	38.8%	40.3%	41.1%
	1.352	3.589	5.826	8.063	10.132
72	27.3%	36.2%	39.2%	40.7%	41.6%
	1.638	4.349	7.06	9.771	12.279
84	27.5%	36.5%	39.5%	41.0%	41.8%
	1.924	5.11	8.295	11.48	14.426
96	27.6%	36.7%	39.7%	41.2%	42.1%
	2.211	5.87	9.53	13.189	16.574
108	27.7%	36.8%	39.9%	41.4%	42.2%
	2.497	6.63	10.764	14.897	18.72
120	27.8%	37.0%	40.0%	41.5%	42.4%
	2.784	7.391	11.999	16.606	20.868
132	27.9%	37.1%	40.1%	41.6%	42.5%
	3.07	8.152	13.233	18.315	23.015
144	28.0%	37.1%	40.2%	41.7%	42.6%
	3.356	8.912	14.467	20.023	25.162
156	28.0%	37.2%	40.3%	41.8%	42.7%
	3.643	9.673	15.702	21.732	27.309
168	28.1%	37.3%	40.3%	41.9%	42.7%
	3.929	10.433	16.937	23.441	29.457
180	28.1%	37.3%	40.4%	41.9%	42.8%
	4.216	11.193	18.171	25.149	31.603
192	28.1%	37.4%	40.4%	42.0%	42.8%
	4.502	11.954	19.406	26.858	33.751
204	28.2%	37.4%	40.5%	42.0%	42.9%
	4.789	12.715	20.641	28.567	35.899
216	28.2%	37.4%	40.5%	42.0%	42.9%
	5.075	13.475	21.875	30.275	38.045
228	28.2%	37.5%	40.5%	42.1%	43.0%
	5.361	14.236	23.11	31.984	40.193
236.2	28.2%	37.5%	40.6%	42.1%	43.0%
	5.557	14.755	23.954	33.152	41.66



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2. Air Performance (Pressure Drop)

Model	JSA-A-300
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Intake
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density



Model No. JSA-A-300



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3. Water Penetration

Model

JSA-A-300

Test Method

ANSI / AMCA Standard 500-L, Figure 5.6

Beginning Point of Water Penetration

910 fpm (Free Area Velocity)

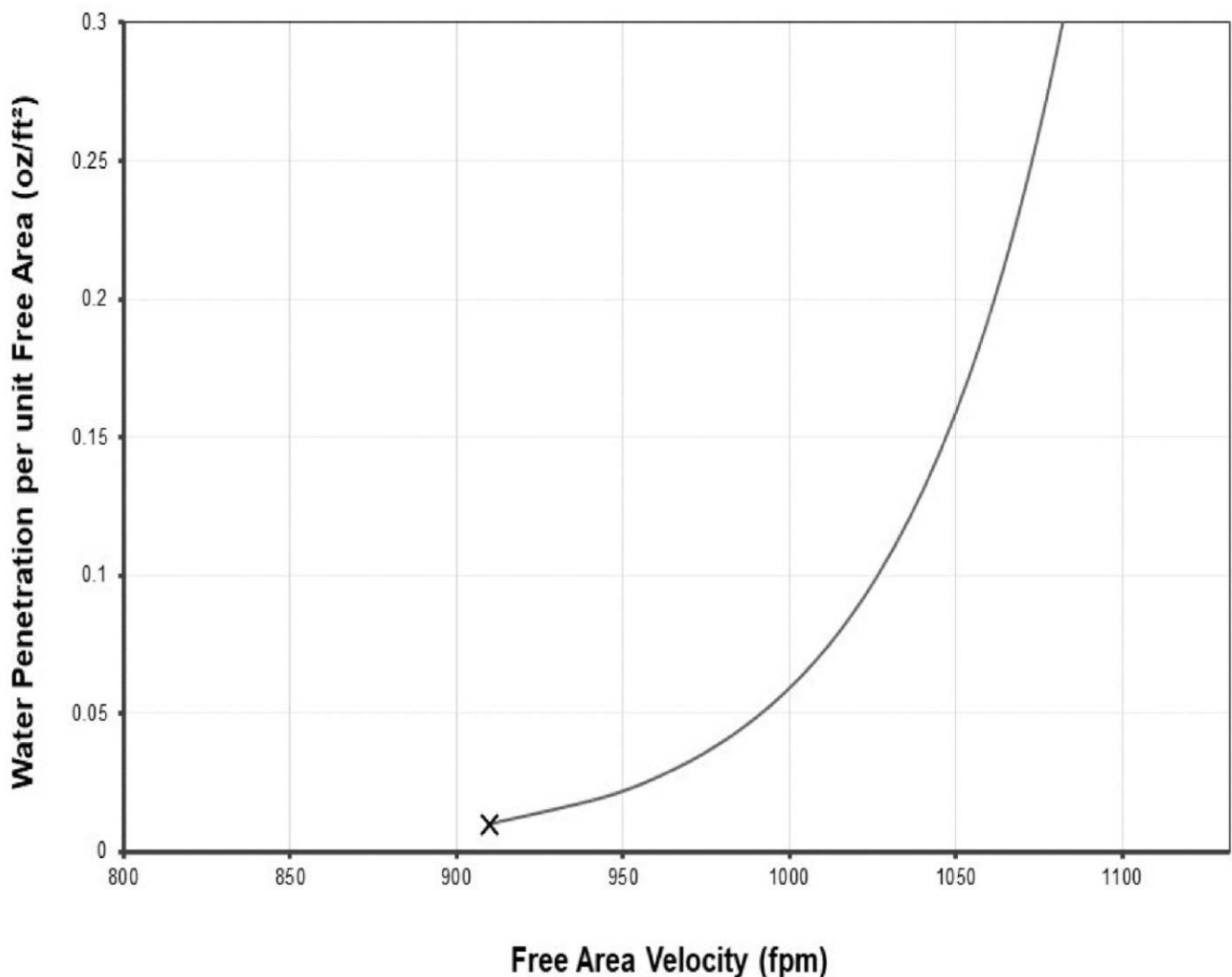
Test Conditions

Tested with wetted wall comb device

Tested for 15 minutes at standard air density,

Flow Direction: Intake

Contract Test



Water Penetration per Free Area X Beginning of Water Penetration

Model No. JSA-A-300



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4. Wind Driven Rain Performance

Model	JSA-A-300
Test Method	ANSI / AMCA Standard 500-L, Figure 5.11
Test Sample Size	1m x 1m core (39.375 in. x 39.375 in. core) / 47.75 in. x 47.75 in. nominal
Louver Type	: Fixed, Non-Drainable, Horizontal Blade, Intake

Test 1: Rainfall Rate 3 in./hr (75 mm/h) & Wind Velocity 29 mph (13 m/s)

Core Velocity (fpm)	Ventilation Airflow (cfm)	Rejection Effectiveness (%)	Water Penetration Classification
0	0	99.3%	A
103.06	1099	99.0%	A
200.04	2138	98.9%	B
294.86	3155	98.8%	B
398.91	4251	96.9%	B
491.65	5242	94.4%	C
592.11	6310	91.0%	C
696.67	7442	81.2%	C

Note: Wind-driven rain penetration classes are non-extrapolatable and apply exclusively to the specific 1m x 1m core area configuration tested.

Test 2: Rainfall Rate 8 in./hr (200 mm/h) & Wind Velocity 50 mph (22 m/s)

Core Velocity (fpm)	Ventilation Airflow (cfm)	Rejection Effectiveness (%)	Water Penetration Classification
0	0	97.10%	B
96.88	1022	96.00%	B
196.73	2078	94.70%	C
289.27	3058	93.50%	C
391.48	4144	91.70%	C
491.17	5228	89.00%	C
588.78	6269	86.00%	C
684.84	7331	82.60%	C

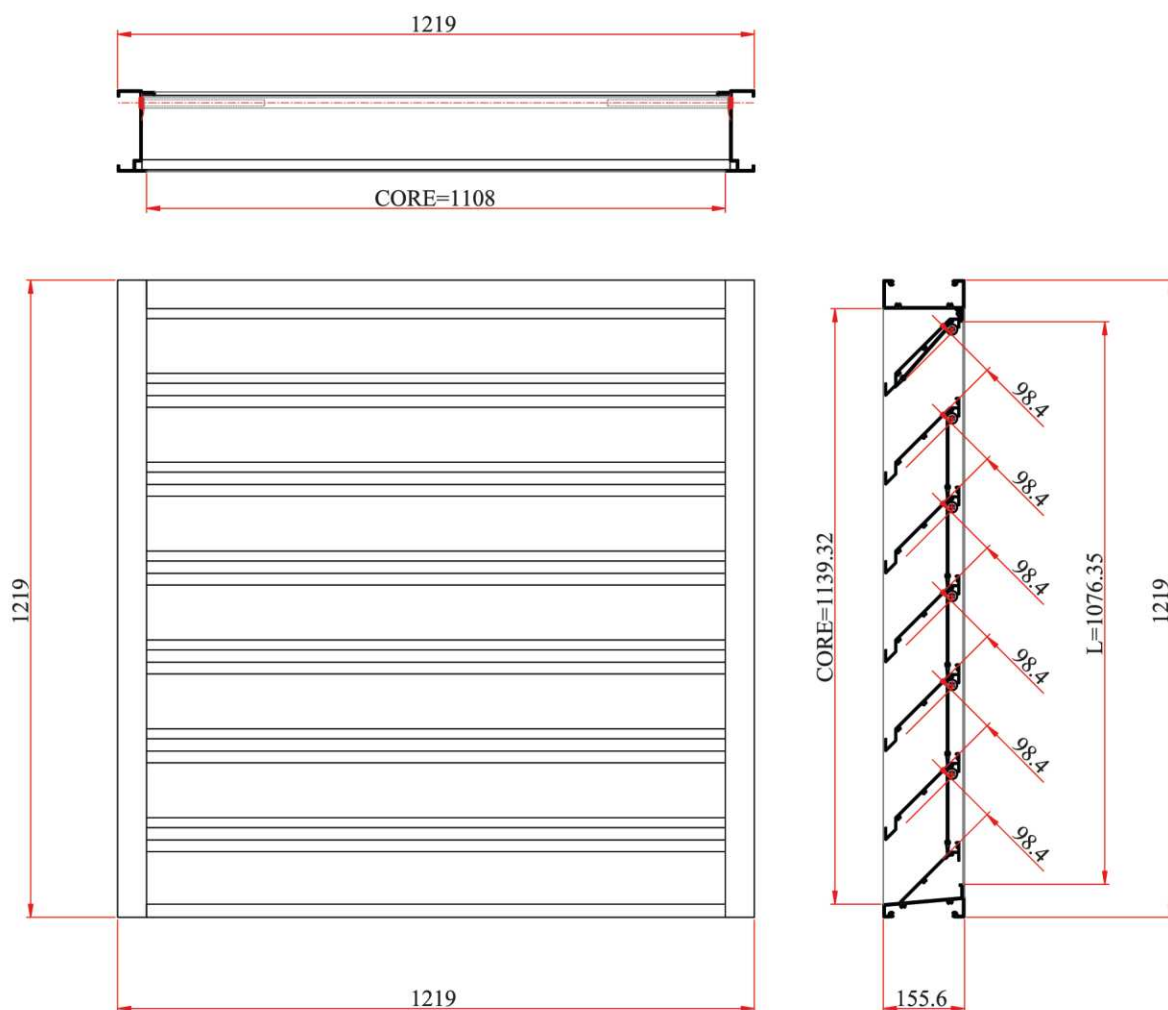
Note: Wind-driven rain penetration classes are non-extrapolatable and apply exclusively to the specific 1m x 1m core area configuration tested

JSA-C-100 LOUVER

Adjustable Aluminum Louver

Manufacturer Information (Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-C-100
Louver Type	Adjustable, Non-Drainable, Horizontal Blade, Parallel Action
Minimum Size	11.8 in. W x 11.2 in. H (300 mm x 285 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)



Model No. JSA-C-100



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1. Free Area Performance

Model	JSA-C-100
Minimum Size	11.8 in. W x 11.2 in. H (300 mm x 285 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)
Test Size	48 in. W x 48 in. H
Free Area	6.87 sq. ft. (13.6 sq. ft. Core Area)

Free Area Table (sq. ft.)

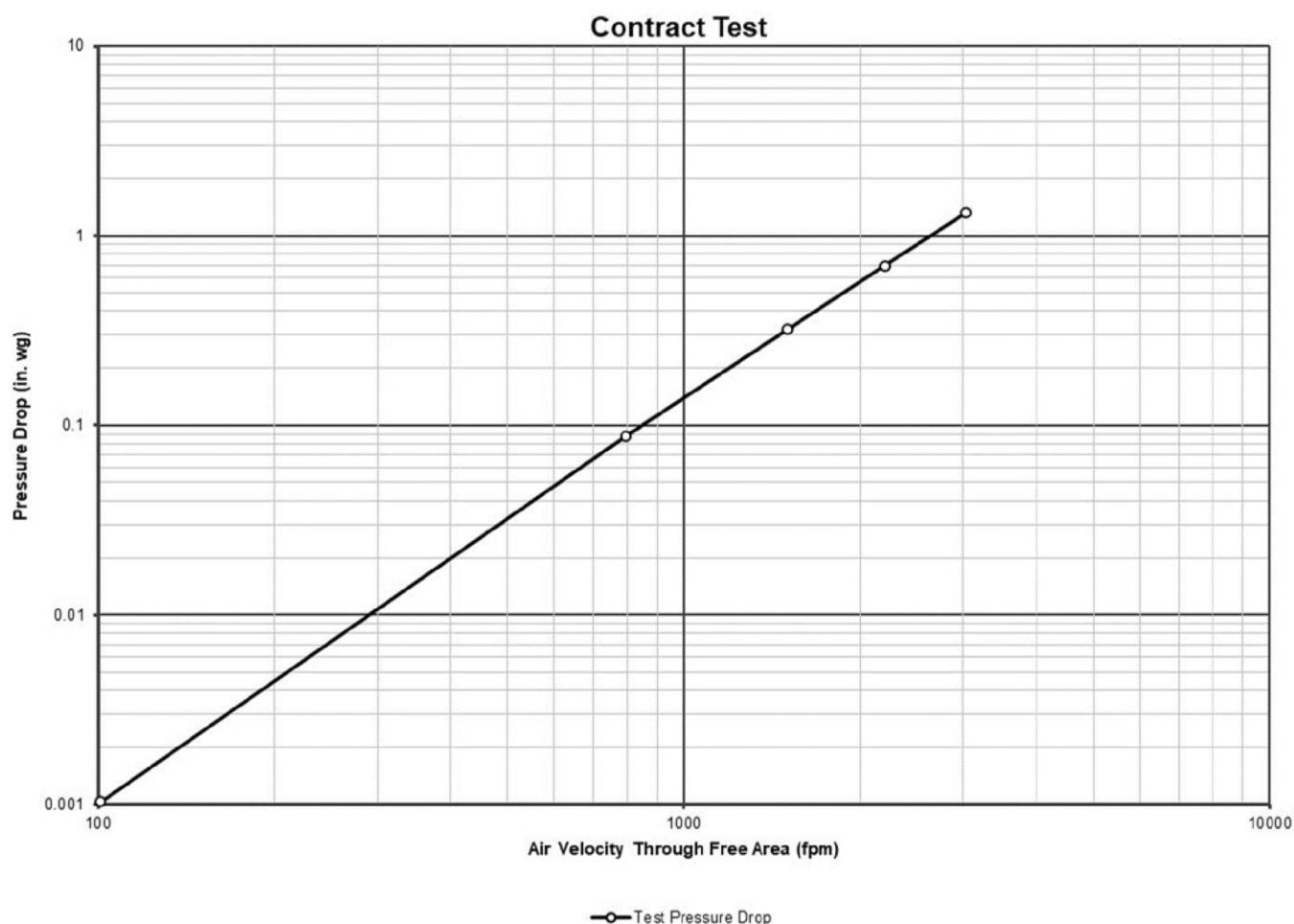
H" / W"	12	24	36	48
12	20.5%	29.3%	32.3%	33.8%
	0.205	0.587	0.969	1.351
24	24.2%	34.6%	38.1%	39.9%
	0.492	1.386	2.289	3.191
36	25.4%	36.4%	40.1%	41.9%
	0.763	2.186	3.608	5.031
48	26.1%	37.3%	41.1%	42.9%
	1.042	2.985	4.928	6.87
60	26.4%	37.8%	41.6%	43.6%
	1.321	3.784	6.247	8.71
72	26.7%	38.2%	42.0%	44.0%
	1.6	4.583	7.567	10.55
84	26.8%	38.5%	42.3%	44.2%
	1.879	5.383	8.886	12.389
96	27.0%	38.6%	42.5%	44.5%
	2.158	6.183	10.205	14.228
108	27.1%	38.8%	42.7%	44.6%
	2.437	6.983	11.524	16.067
118.1	27.1%	38.9%	42.8%	44.7%
	2.672	7.656	12.634	17.615



Jaesung Aluminum Co., Ltd. certifies that the JSA-C-100 shown herein is 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 Program seal applies to Air Performance, Water Penetration, and Air Leakage ratings.

2. Air Performance (Pressure Drop)

Model	JSA-C-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Intake
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density, Louver Blades Fully Open



Model No. JSA-C-100



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3. Water Penetration

Model

JSA-C-100

Test Method

ANSI / AMCA Standard 500-L, Figure 5.6

Beginning Point of Water Penetration

943 fpm (Free Area Velocity)

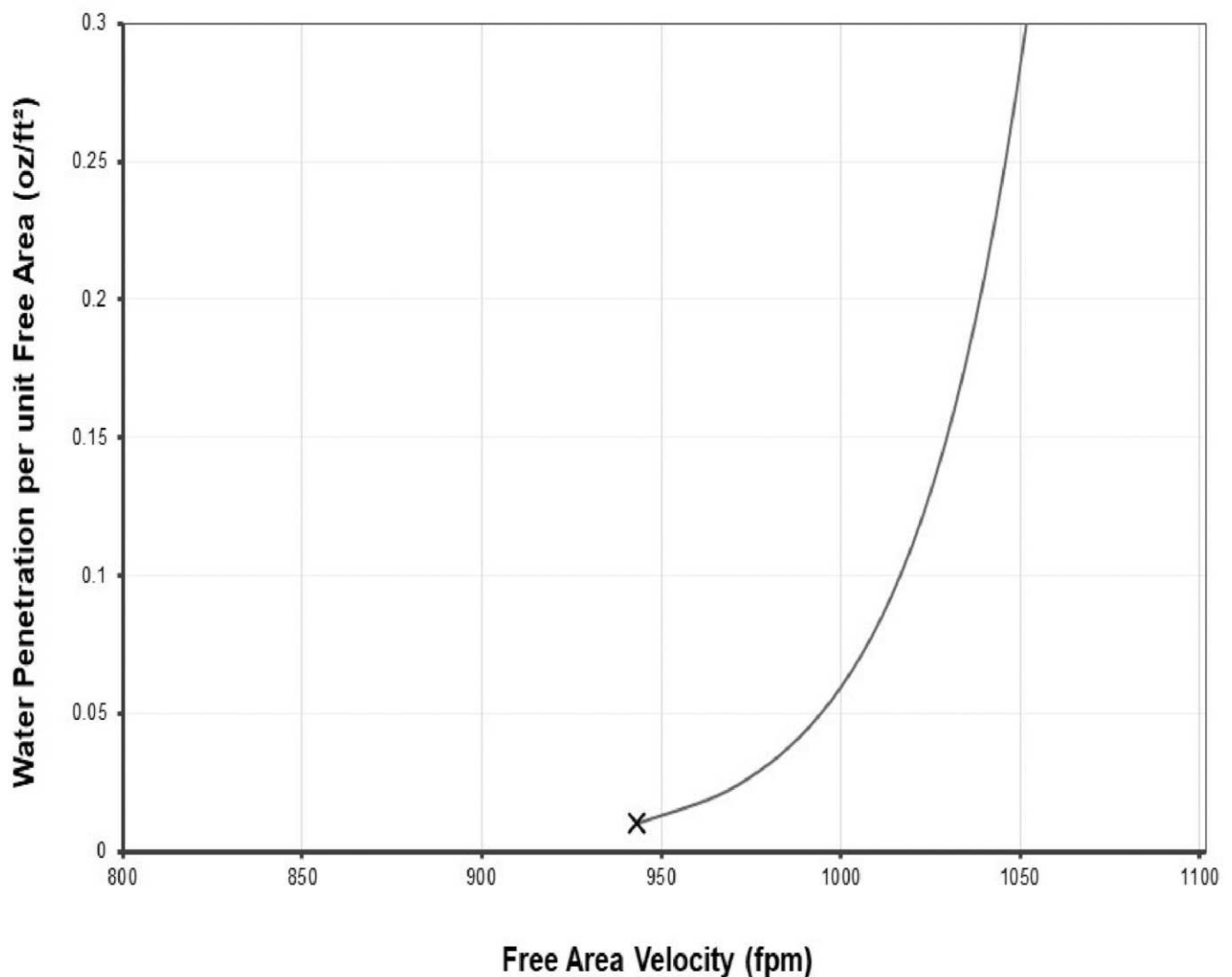
Test Conditions

Tested with wetted wall comb device

Tested for 15 minutes at standard air density,

Flow Direction: Intake

Contract Test



Water Penetration per Free Area X Beginning of Water Penetration

Model No. JSA-C-100



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4. Air Leakage

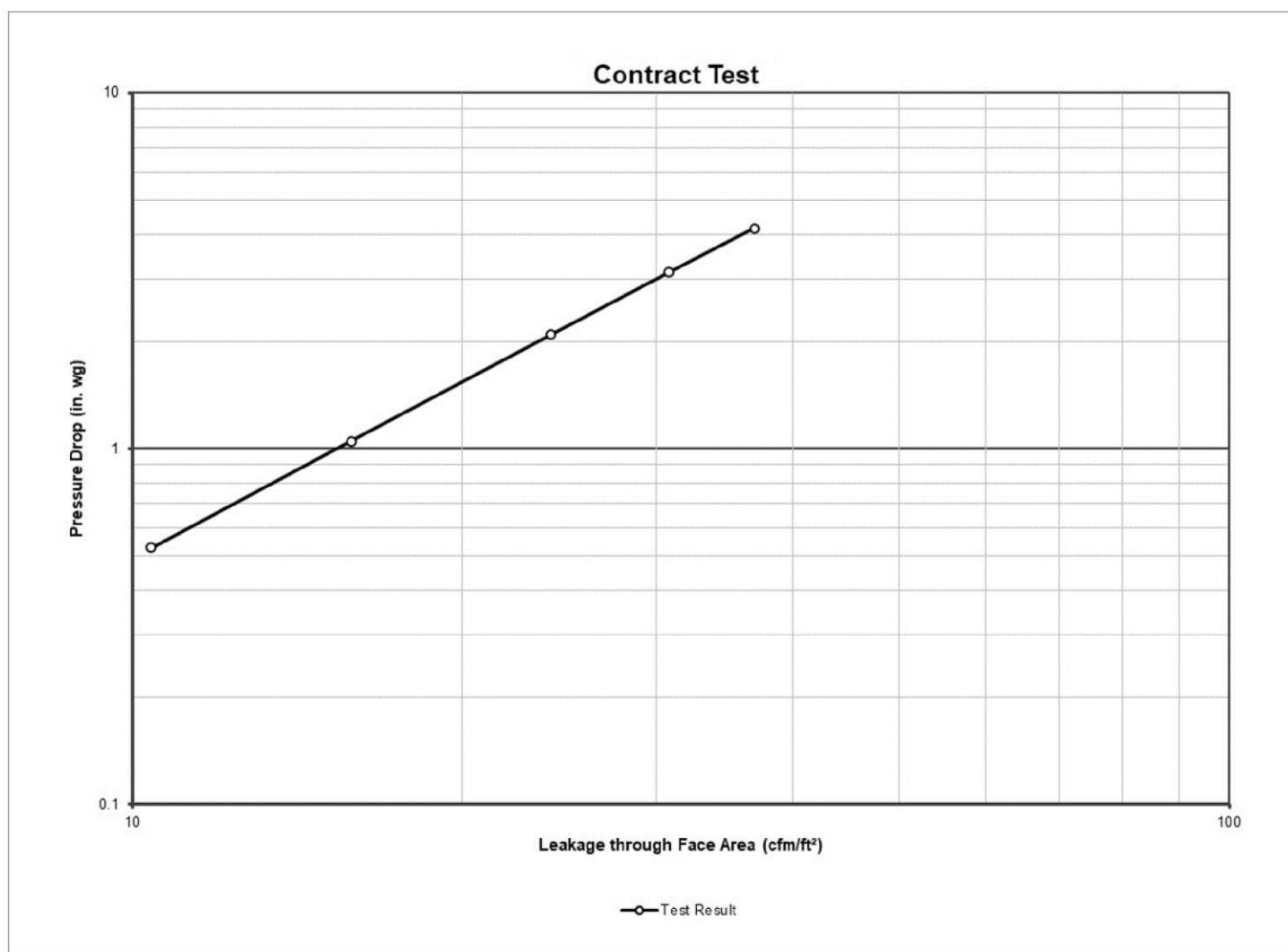
Model	JSA-C-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5 Alternate
Flow Direction	Exhaust
Closure Method	Parallel Adjustable
Performance	Maximum Tested Air Leakage

Air leakage is based on operation between 10 °C–40 °C (50 °F–104 °F).

Leakage Test 1: 12 in. W x 48 in. H Size

■ Face Area : 4.0 sq. ft.

■ Data are based on the maximum torque of 32.6 in. lb/ft² applied to the louver during the test.



Model No. JSA-C-100

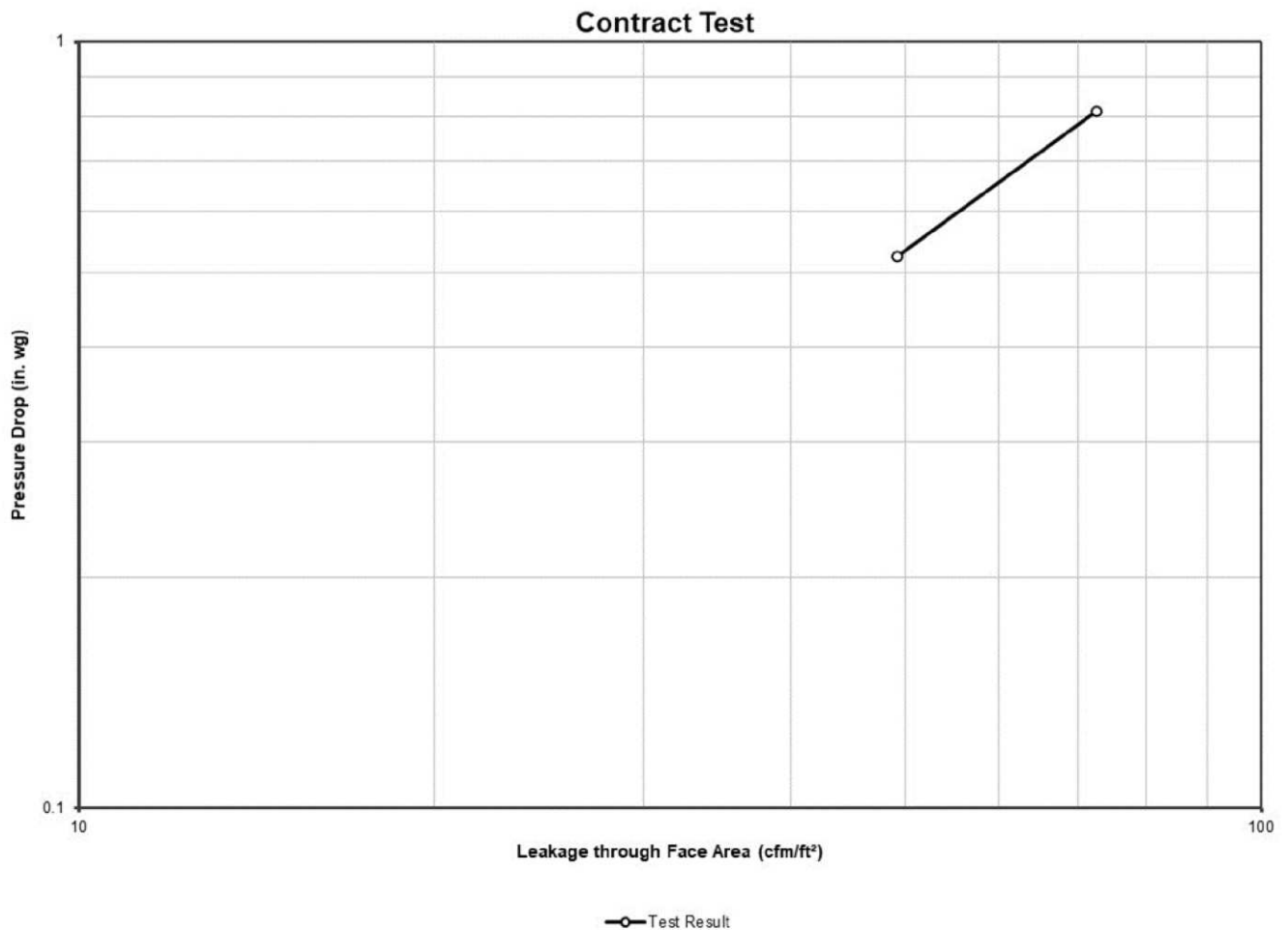


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Leakage Test 2: 48 in. W x 36 in. H Size

■ Face Area : 12.0 sq. ft

■ Data are based on the maximum torque of 10.9 in. lb/ft² applied to the louver during the test.



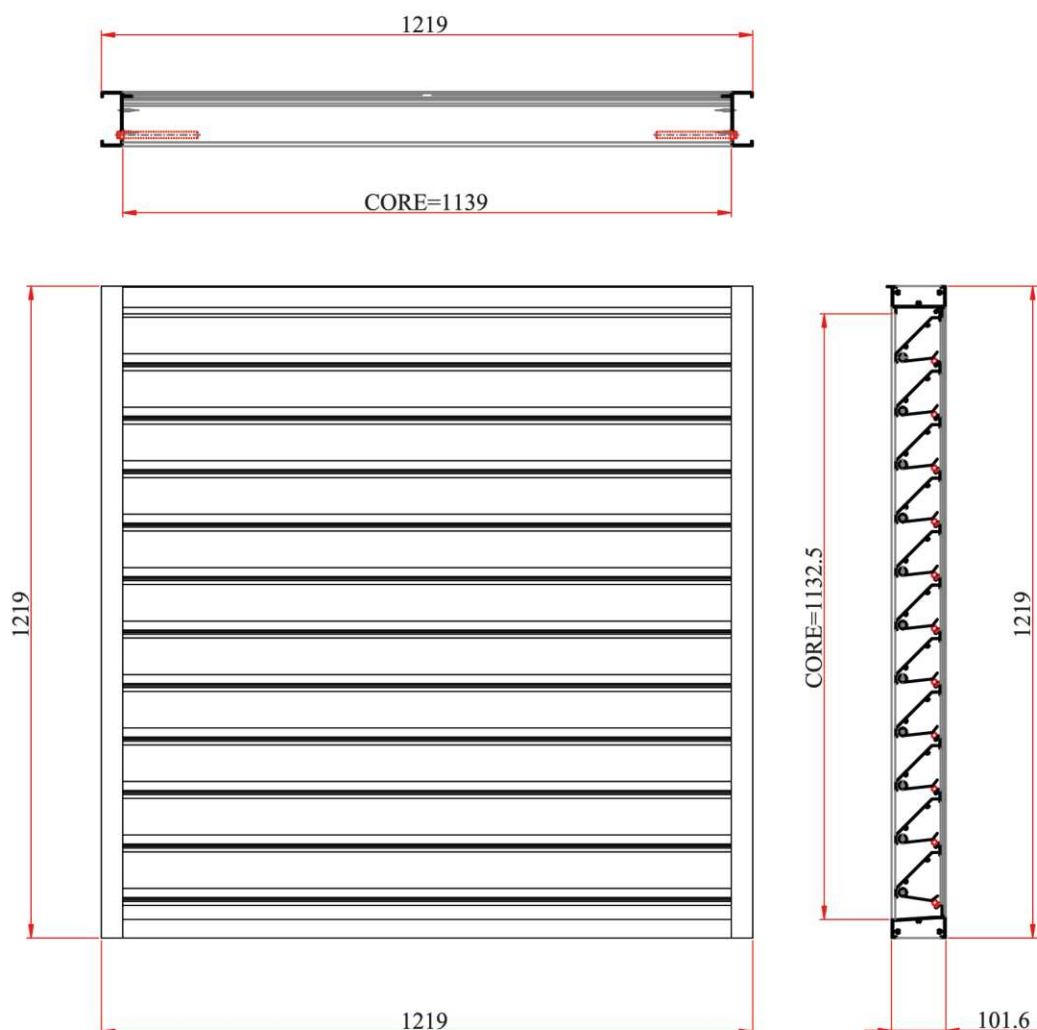
Model No. JSA-C-100

JSA-D-100 LOUVER

Combination Aluminum Louver

Manufacturer Information (Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-D-100
Louver Type	Combination, Non-Drainable, Horizontal Blade, Parallel Action
Minimum Size	7.9 in. W x 8.1 in. H (200 mm x 205 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)



Model No. JSA-D-100



Jaesung Aluminum Co., Ltd. certifies that the JSA-D-100 shown herein is 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 Program seal applies to Air Performance ratings.

1. Free Area Performance

Model	JSA-D-100
Minimum Size	7.9 in. W x 8.1 in. H (200 mm x 205 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)
Test Size	48 in. W x 48 in. H
Free Area	6.20 sq. ft. (13.91 sq. ft. Core Area)

Free Area Table (sq. ft.)

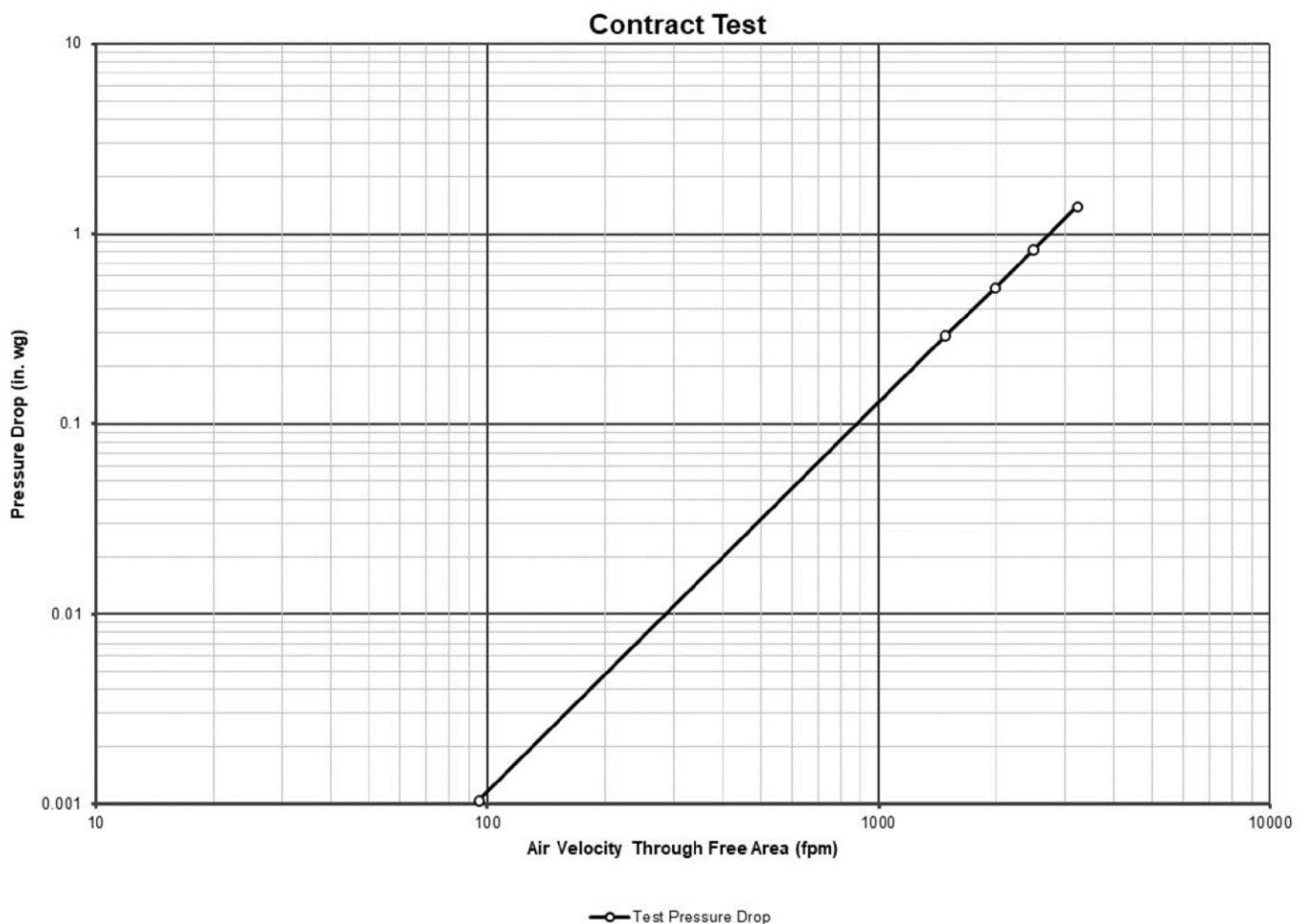
H" / W"	12	24	36	48
12	20.1%	26.7%	28.9%	30.0%
	0.201	0.534	0.866	1.199
24	24.1%	31.9%	34.5%	35.8%
	0.481	1.276	2.072	2.867
36	25.3%	33.7%	36.4%	37.8%
	0.76	2.019	3.277	4.536
48	26.0%	34.5%	37.4%	38.8%
	1.04	2.761	4.483	6.204
60	26.4%	35.0%	37.9%	39.4%
	1.32	3.504	5.688	7.872
72	26.7%	35.4%	38.3%	39.8%
	1.599	4.246	6.894	9.541
84	26.8%	35.6%	38.6%	40.0%
	1.879	4.989	8.099	11.209
96	27.0%	35.8%	38.8%	40.2%
	2.159	5.732	9.305	12.877
108	27.1%	36.0%	38.9%	40.4%
	2.438	6.474	10.51	14.546
118.1	27.2%	36.1%	39.0%	40.5%
	2.674	7.099	11.525	15.95



Jaesung Aluminum Co., Ltd. certifies that the JSA-D-100 shown herein is 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 Program seal applies to Air Performance ratings.

2. Air Performance (Pressure Drop)

Model	JSA-D-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Intake
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density, Louver Blades Fully Open



Model No. JSA-D-100



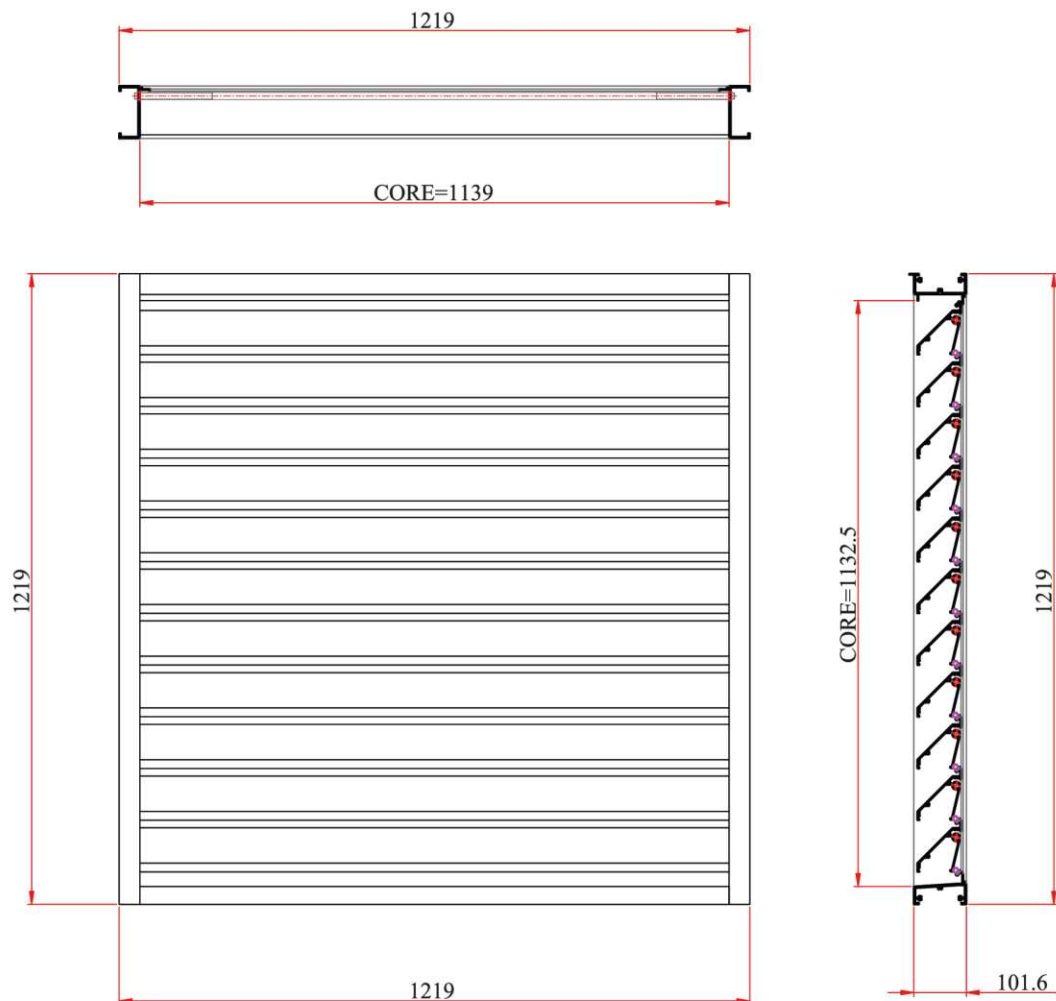
JSA-E-100 LOUVER

Adjustable Aluminum Louver

Manufacturer Information

(Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-E-100
Louver Type	Adjustable, Non-Drainable, Horizontal Blade, Parallel Action
Minimum Size	7.9 in. W x 8.1 in. H (200 mm x 205 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)



Model No. JSA-E-100



Jaesung Aluminum Co., Ltd. certifies that the JSA-E-100 shown herein is 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 Program seal applies to Air Performance ratings.

1. Free Area Performance

Model	JSA-E-100
Minimum Size	7.9 in. W x 8.1 in. H (200 mm x 205 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)
Test Size	48 in. W x 48 in. H
Free Area	4.93 sq. ft. (12.62 sq. ft. Core Area)

Free Area Table (sq. ft.)

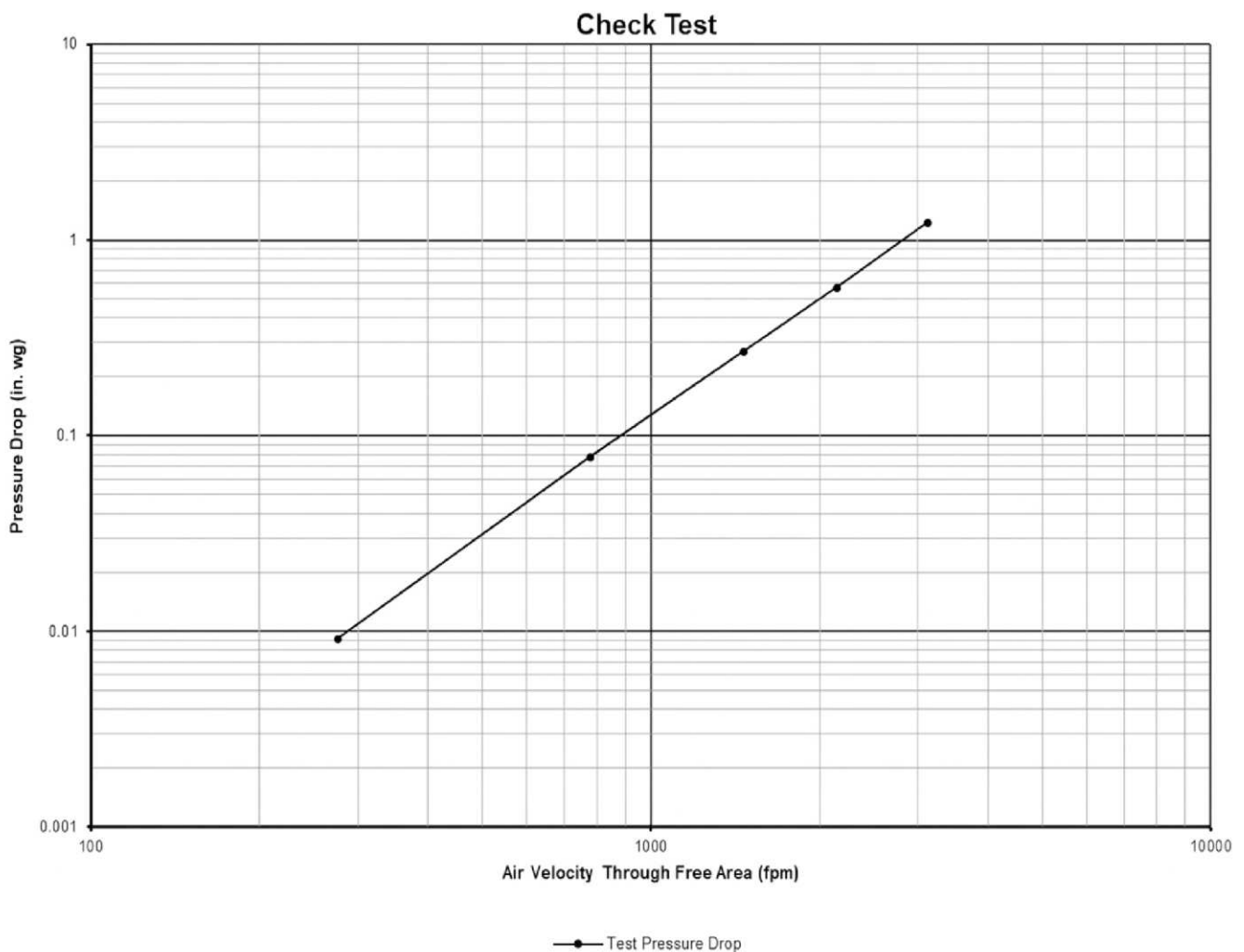
H" / W"	12	24	36	48
12	9.2%	12.2%	13.2%	13.7%
	0.092	0.244	0.396	0.547
24	16.9%	22.4%	24.2%	25.1%
	0.339	0.895	1.451	2.007
36	19.5%	25.8%	27.8%	28.9%
	0.585	1.545	2.506	3.466
48	20.8%	27.5%	29.7%	30.8%
	0.832	2.196	3.561	4.925
60	21.6%	28.5%	30.8%	31.9%
	1.078	2.847	4.616	6.385
72	22.1%	29.1%	31.5%	32.7%
	1.324	3.498	5.671	7.844
84	22.4%	29.6%	32.0%	33.2%
	1.571	4.148	6.726	9.303
96	22.7%	30.0%	32.4%	33.6%
	1.817	4.799	7.781	10.762
108	22.9%	30.3%	32.7%	33.9%
	2.064	5.449	8.836	12.221
118.1	23.1%	30.5%	32.9%	34.2%
	2.271	5.997	9.724	13.449



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2. Air Performance (Pressure Drop)

Model	JSA-E-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Exhaust
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density, Louver Blades Fully Open



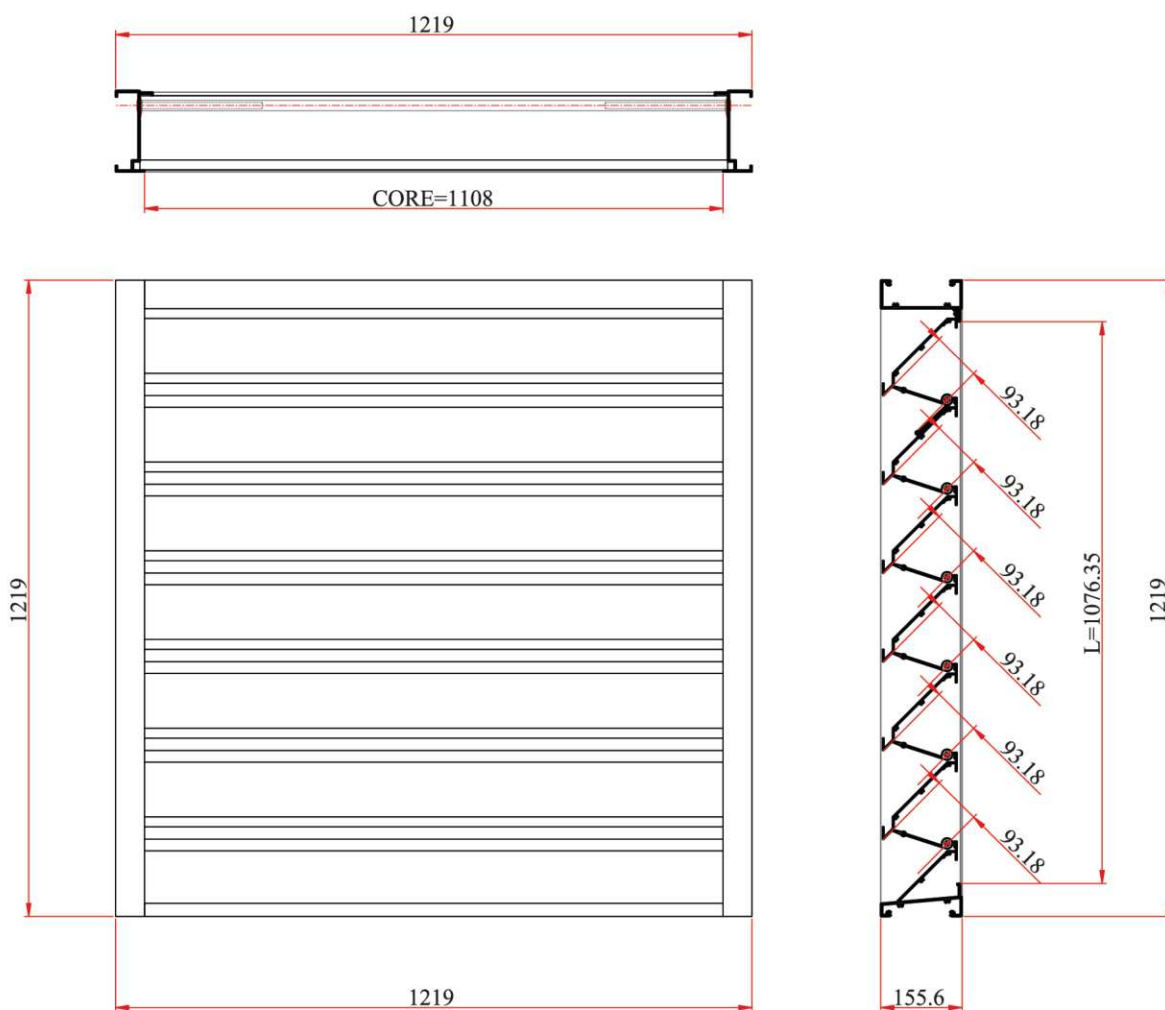
Model No. JSA-E-100

JSA-F-100 LOUVER

Combination Aluminum Louver

Manufacturer Information (Version 1.0, June 2026)

Manufacturer	Jaesung Aluminum Co., Ltd.
Model	JSA-F-100
Louver Type	Combination, Non-Drainable, Horizontal Blade, Parallel Action
Minimum Size	11.8 in. W x 11.8 in. H (300 mm x 300 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)



Model No. JSA-F-100



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1. Free Area Performance

Model	JSA-F-100
Minimum Size	11.8 in. W x 11.8 in. H (300 mm x 300 mm)
Maximum Size	48.0 in. W x 118.1 in. H (1220 mm x 3000 mm)
Test Size	48 in. W x 48 in. H
Free Area	4.75 sq. ft. (13.59 sq. ft. Core Area)

Free Area Table (sq. ft.)

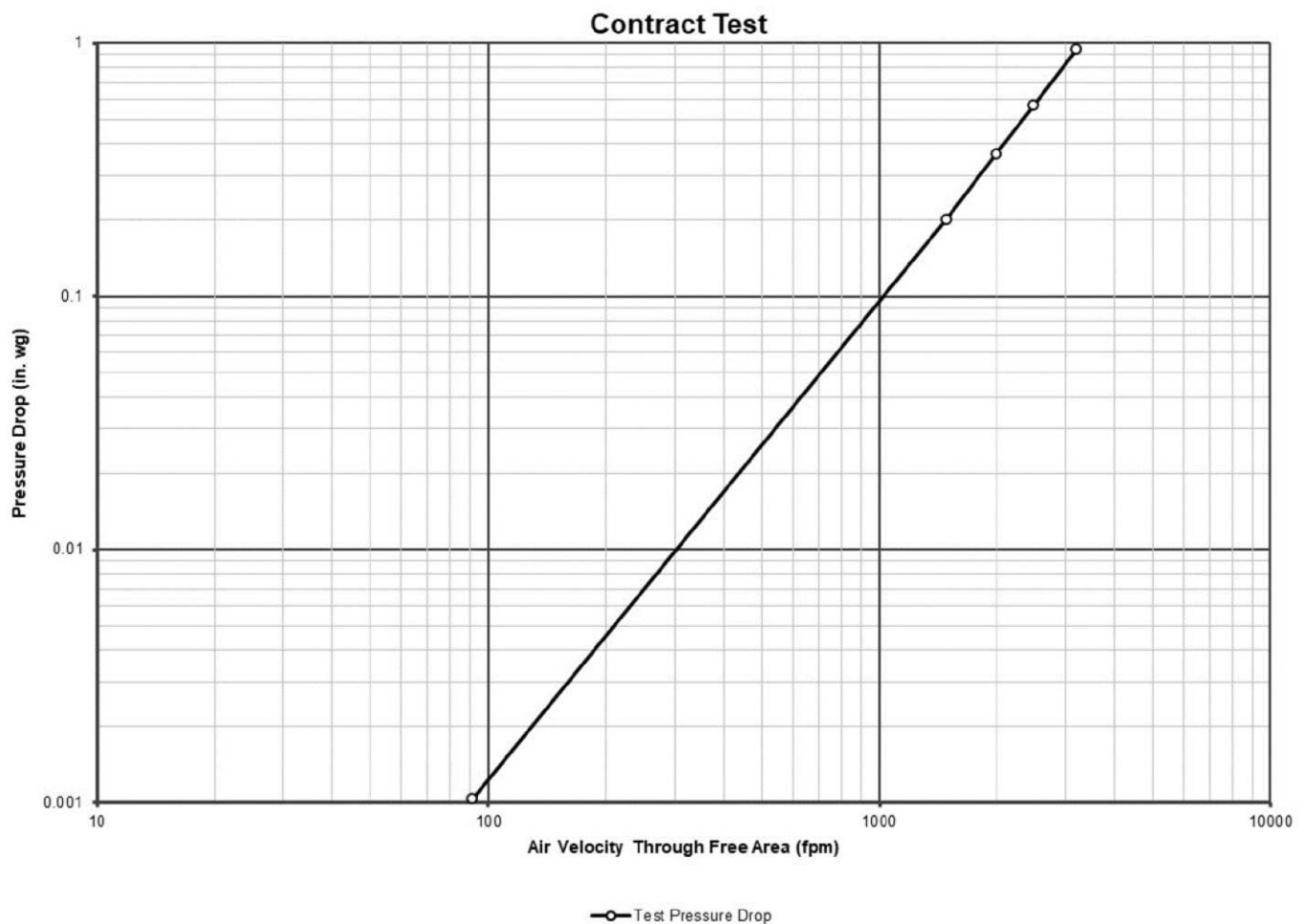
H" / W"	12	24	36	48
12	14.1%	20.3%	22.4%	23.5%
	0.141	0.407	0.673	0.938
24	16.6%	23.9%	26.4%	27.6%
	0.332	0.957	1.582	2.207
36	17.4%	25.1%	27.7%	29.0%
	0.523	1.507	2.492	3.476
48	17.8%	25.7%	28.3%	29.7%
	0.714	2.058	3.401	4.745
60	18.1%	26.1%	28.7%	30.1%
	0.905	2.608	4.311	6.014
72	18.3%	26.3%	29.0%	30.3%
	1.096	3.158	5.22	7.283
84	18.4%	26.5%	29.2%	30.5%
	1.287	3.708	6.13	8.552
96	18.5%	26.6%	29.3%	30.7%
	1.478	4.258	7.04	9.821
108	18.5%	26.7%	29.4%	30.8%
	1.669	4.808	7.949	11.09
118.1	18.6%	26.8%	29.5%	30.9%
	1.83	5.271	8.715	12.158



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2. Air Performance (Pressure Drop)

Model	JSA-F-100
Test Method	ANSI / AMCA Standard 500-L, Figure 5.5
Flow Direction	Intake
Test Size	48 in. x 48 in. (O.D. Nominal)
Conditions	Standard Air Density, Louver Blades Fully Open



Model No. JSA-F-100



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3. Air Leakage

Model JSA-F-100

Test Method ANSI / AMCA Standard 500-L, Figure 5.5 Alternate

Flow Direction Intake

Closure Method Parallel Adjustable

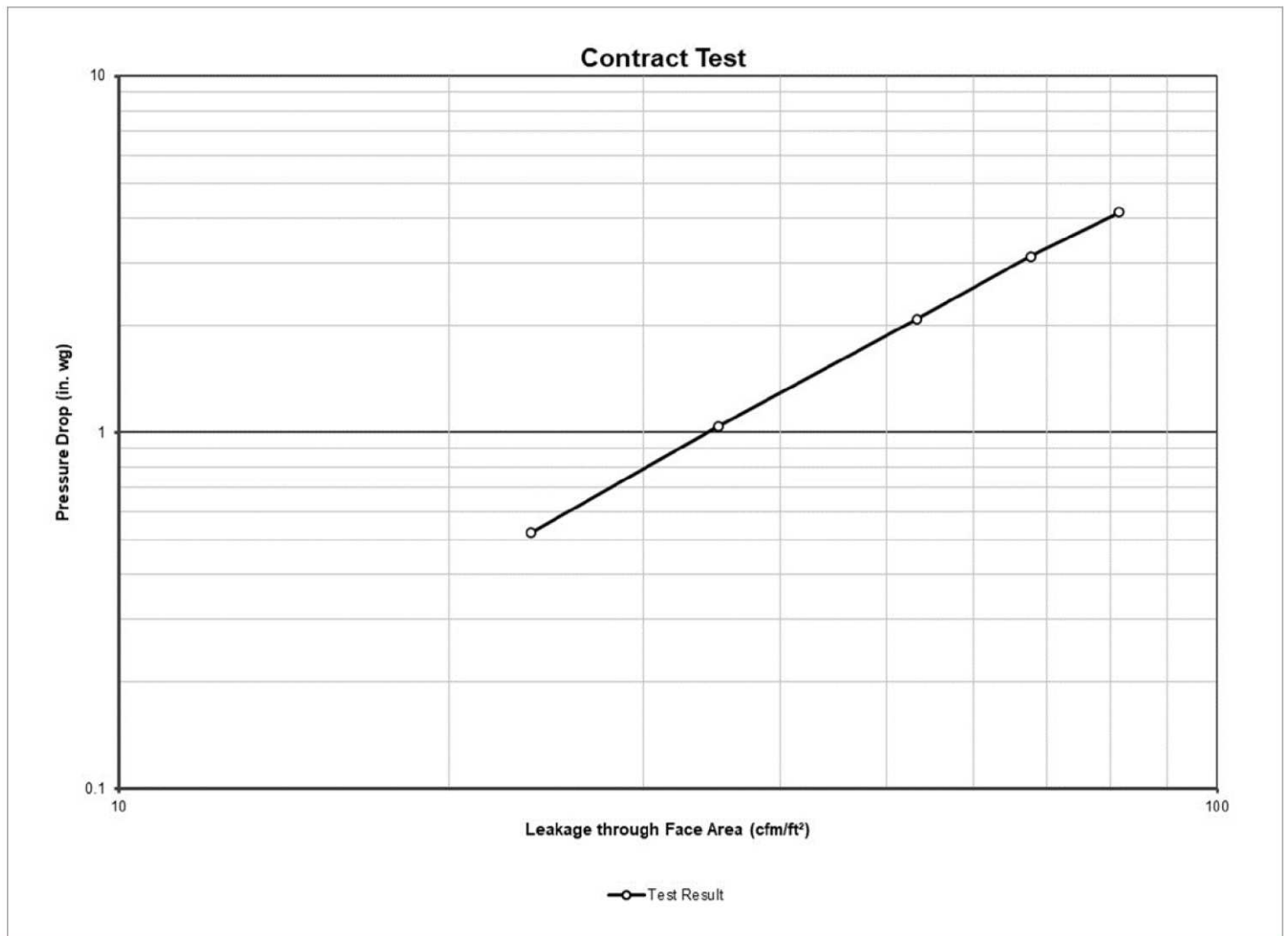
Performance Maximum Tested Air Leakage

Air leakage is based on operation between 10 °C-40 °C (50 °F-104 °F).

Leakage Test 1: 12 in. W x 48 in. H Size

■ Face Area : 4.0 sq. ft

■ Data are based on the maximum torque of 49.9 in. lb/ft² applied to the louver during the test.



Model No. JSA-F-100



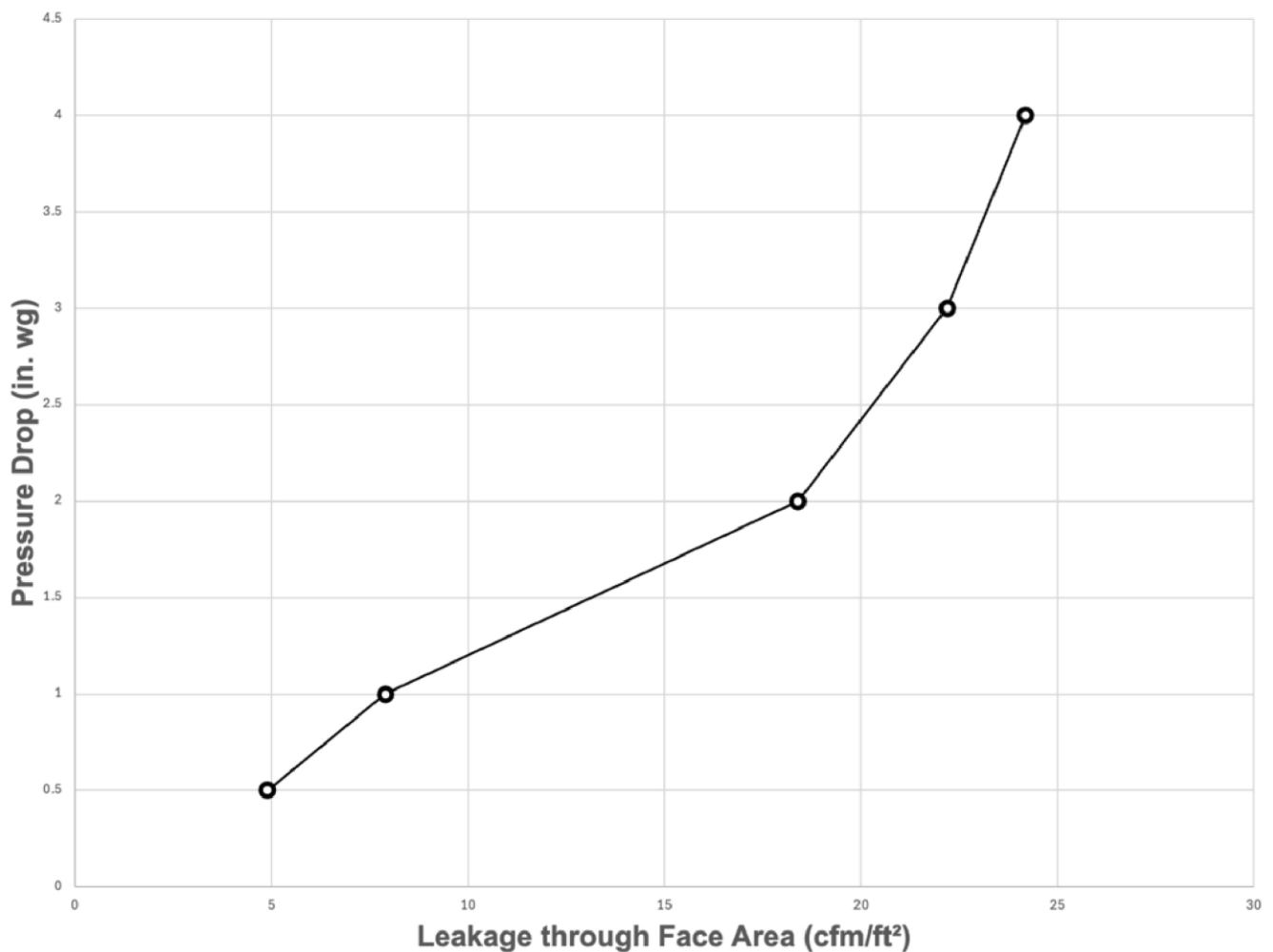
Jaesung Aluminum Co., Ltd. certifies that the JSA-F-100 shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Program seal applies to Air Performance and Air Leakage ratings.

Leakage Test 2: 48 in. W x 36 in. H Size

■ Face Area : 12.0 sq. ft

■ Data are based on the maximum torque of 16.7 in. lb/ft² applied to the louver during the test.

Contract Test



Model No. JSA-F-100



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