

TECHNOLOGY MEETS AESTHETICS



Certified Ratings:

Robertson Thermovent FZE certifies that the model RTV-STD-102 shown herein is licensed to bear the AMCA seal. The ratings shown are based on test 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 ratings.

STANDARD LOUVER - 102



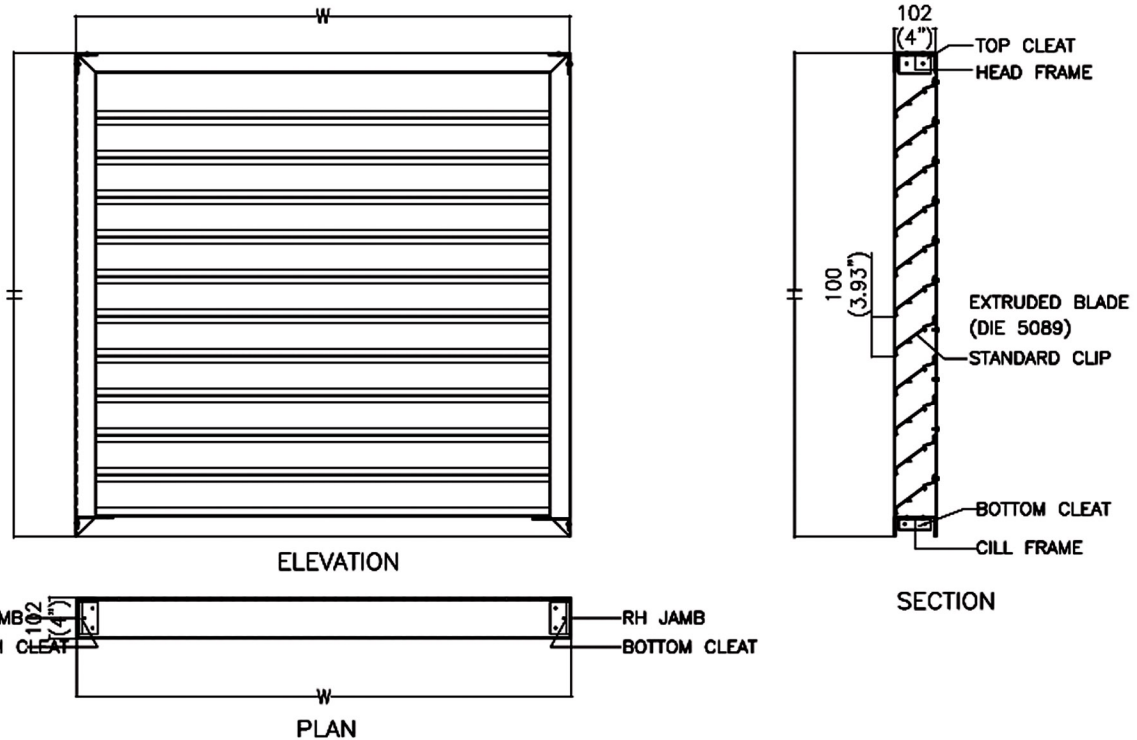
ROBERTSON *THERMOVENT* FZE
ACOUSTIC AND VENTILATION SYSTEMS



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Model : RTV -STD-102 STD LOUVER 102 102mm Deep. Alu. Extruded Blades



Application:

The RTV-STD-102 is widely specified for Architectural Application such as building facades, exterior air intake openings and weather protection of spaces. These device are also usefully employed for Industrial Applications such as factories, rolling mill, wire drawing mills, glass factories. Mechanical operable blades are available as option.

FREE AREA (ft²)

Width (Inches)

Height (Inches)

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.59	0.89	1.18	1.48	1.77	2.07	2.36	2.66	2.95	3.25	3.54	3.84	4.13	4.43	4.72	5.02	5.31	5.61	5.90
18	0.89	1.33	1.77	2.21	2.66	3.10	3.54	3.98	4.43	4.87	5.31	5.75	6.20	6.64	7.08	7.52	7.97	8.41	8.85
24	1.18	1.77	2.36	2.95	3.54	4.13	4.72	5.31	5.90	6.49	7.08	7.67	8.26	8.85	9.44	10.03	10.62	11.21	11.80
30	1.48	2.21	2.95	3.69	4.43	5.16	5.90	6.64	7.38	8.11	8.85	9.59	10.33	11.06	11.80	12.54	13.28	14.01	14.75
36	1.77	2.66	3.54	4.43	5.31	6.20	7.08	7.97	8.85	9.74	10.62	11.51	12.39	13.28	14.16	15.05	15.93	16.82	17.70
42	2.07	3.10	4.13	5.16	6.20	7.23	8.26	9.29	10.33	11.36	12.39	13.42	14.46	15.49	16.52	17.55	18.59	19.62	20.65
48	2.36	3.54	4.72	5.90	7.08	8.26	9.44	10.62	11.80	12.98	14.16	15.34	16.52	17.70	18.88	20.06	21.24	22.42	23.60
54	2.66	3.98	5.31	6.64	7.97	9.29	10.62	11.95	13.28	14.60	15.93	17.26	18.59	19.91	21.24	22.57	23.90	25.22	26.55
60	2.95	4.43	5.90	7.38	8.85	10.33	11.80	13.28	14.75	16.23	17.70	19.18	20.65	22.13	23.60	25.08	26.55	28.03	29.50
66	3.25	4.87	6.49	8.11	9.74	11.36	12.98	14.60	16.23	17.85	19.47	21.09	22.72	24.34	25.96	27.58	29.21	30.83	32.45
72	3.54	5.31	7.08	8.85	10.62	12.39	14.16	15.93	17.70	19.47	21.24	23.01	24.78	26.55	28.32	30.09	31.86	33.63	35.40
78	3.84	5.75	7.67	9.59	11.51	13.42	15.34	17.26	19.18	21.09	23.01	24.93	26.85	28.76	30.68	32.60	34.52	36.43	38.35
84	4.13	6.20	8.26	10.33	12.39	14.46	16.52	18.59	20.65	22.72	24.78	26.85	28.91	30.98	33.04	35.11	37.17	39.24	41.30
90	4.43	6.64	8.85	11.06	13.28	15.49	17.70	19.91	22.13	24.34	26.55	28.76	30.98	33.19	35.40	37.61	39.83	42.04	44.25
96	4.72	7.08	9.44	11.80	14.16	16.52	18.88	21.24	23.60	25.96	28.32	30.68	33.04	35.40	37.76	40.12	42.48	44.84	47.20
102	5.02	7.52	10.03	12.54	15.05	17.55	20.06	22.57	25.08	27.58	30.09	32.60	35.11	37.61	40.12	42.63	45.14	47.64	50.15
108	5.31	7.97	10.62	13.28	15.93	18.59	21.24	23.90	26.55	29.21	31.86	34.52	37.17	39.83	42.48	45.14	47.79	50.45	53.10
114	5.61	8.41	11.21	14.01	16.82	19.62	22.42	25.22	28.03	30.83	33.63	36.43	39.24	42.04	44.84	47.64	50.45	53.25	56.05
120	5.90	8.85	11.80	14.75	17.70	20.65	23.60	26.55	29.50	32.45	35.40	38.35	41.30	44.25	47.20	50.15	53.10	56.05	59.00



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Model : RTV -STD-102

STD LOUVER 102

102mm Deep. Alu. Extruded Blades

CONFIGURATION :

Supplied in modular assembly or knockdown form for rapid site installation.

MATERIALS :

Mill Finish Aluminium Extrusion

FRAMES :

102mm Deep

BLADES :

Aluminium Extruded blades

SCREEN :

Birdmesh : Crimped Aluminium

OPTIONAL :

- PVDF (KYNAR)
- Powder Coated
- Super Durable PPC
- Anodized
- Epoxy Pained
- Mill Finish

OPTIONAL :

- Operable blades

Ratings:

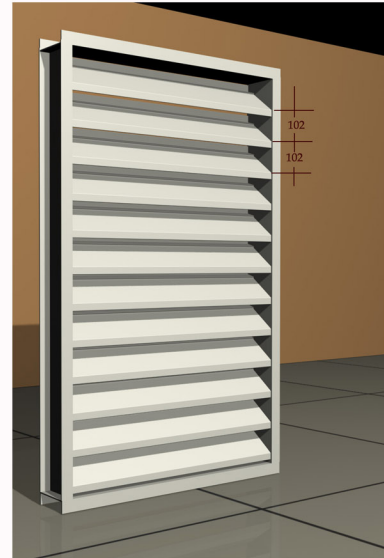
Free Area : [48" x 48" (1220 x 1220mm)] - 7.93 ft²

Performance at beginning point of water penetration

Free Area Velocity: 398 fpm

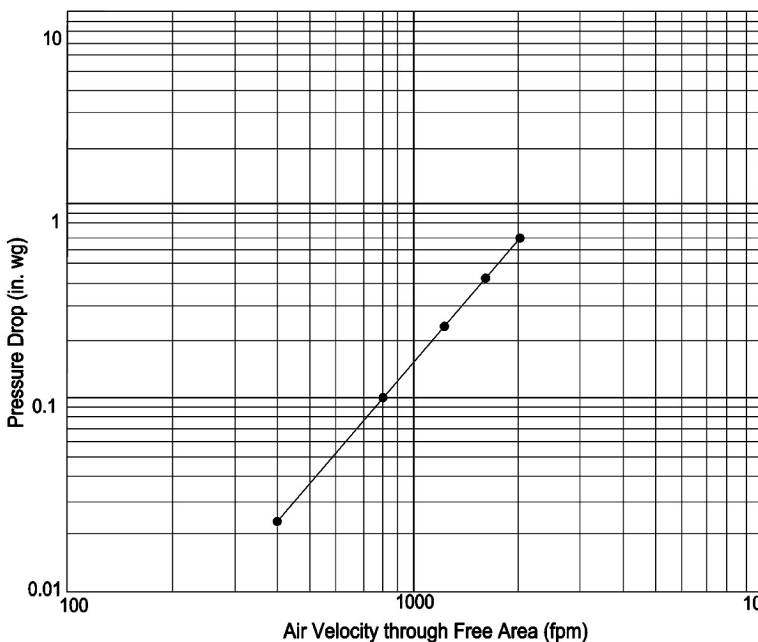
Air Volume delivered : 3157 cfm

Pressure Loss : 0.024 in wg

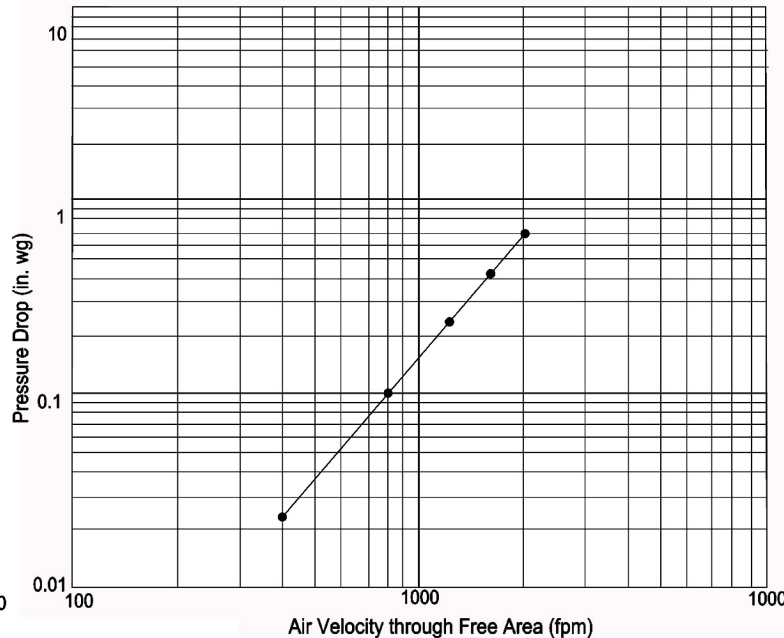


Al. STD LOUVER -102 - RTV-STD-102 (2/2) ; Rev. 0 - February 2014

Pressure Loss



Intake



Exhaust

Test Size : [48" x 48" (1220 x 1220mm)]

Tested to AMCA 500-L - Figure 5.5 at standard air density.



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