

TECHNOLOGY MEETS AESTHETICS



Certified Rating:

Robertson Thermovent FZE certifies that the model RTV-OPL-150 shown here in is licensed to bear the AMCA seal. The rating shown are based on test and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Rating Program. The AMCA Certified rating Seal applies to Air Performance ratings.

OPERABLE LOUVER-RTV-OPL- 150



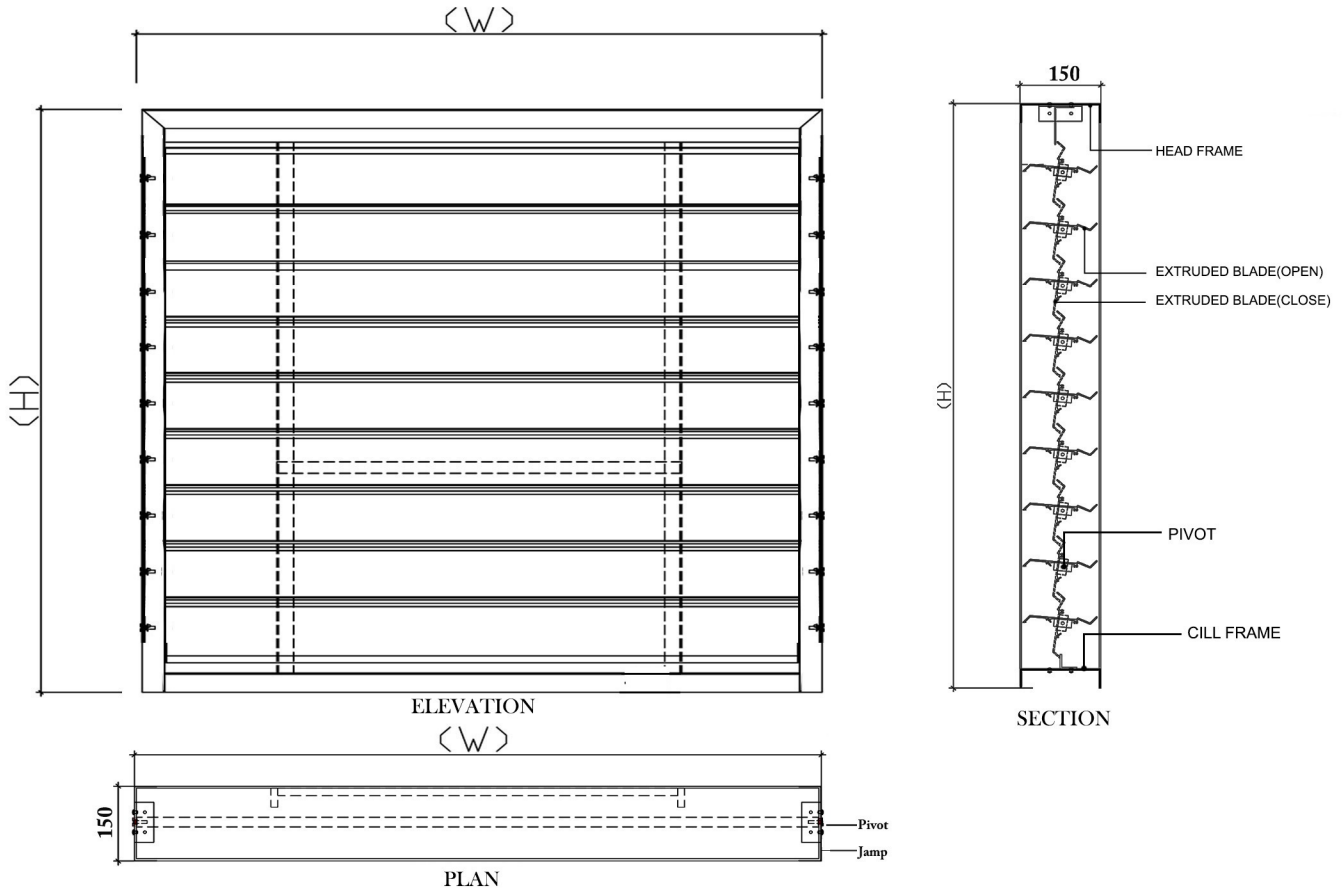
ROBERTSON *THERMOVENT* FZE
ACOUSTIC AND VENTILATION SYSTEMS



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Model: RTV-OPL-150 OPERABLE LOUVER 150



Application:

The RTV-OPL-150 is widely specified for air movement applications such as building facades exterior air intake and exhaust openings and weather protection of spaces. These device are also usefully employed for industrial applications such as factories, warehouses rolling mills and glass factories. Operating options are available in pneumatic, electrical and manual.

		Width (Inches)																		
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
height (Inches)	12	0.52	0.78	1.04	1.30	1.56	1.82	2.08	2.34	2.60	2.86	3.12	3.38	3.64	3.90	4.16	4.42	4.68	4.94	5.20
	18	0.78	1.17	1.56	1.95	2.34	2.73	3.12	3.51	3.90	4.29	4.68	5.07	5.46	5.85	6.24	6.63	7.02	7.41	7.80
	24	1.04	1.56	2.08	2.60	3.12	3.64	4.16	4.68	5.20	5.72	6.24	6.76	7.28	7.80	8.32	8.84	9.36	9.88	10.40
	30	1.30	1.95	2.60	3.25	3.90	4.55	5.20	5.85	6.50	7.15	7.80	8.45	9.10	9.75	10.40	11.05	11.70	12.35	13.00
	36	1.56	2.34	3.12	3.90	4.68	5.46	6.24	7.02	7.80	8.58	9.36	10.14	10.92	11.70	12.48	13.26	14.04	14.82	15.60
	42	1.82	2.73	3.64	4.55	5.46	6.37	7.28	8.19	9.10	10.01	10.92	11.83	12.74	13.65	14.56	15.47	16.38	17.29	18.20
	48	2.08	3.12	4.16	5.20	6.24	7.28	8.32	9.36	10.40	11.44	12.48	13.52	14.56	15.60	16.64	17.68	18.72	19.76	20.80
	54	2.34	3.51	4.68	5.85	7.02	8.19	9.36	10.53	11.70	12.87	14.04	15.21	16.38	17.55	18.72	19.89	21.06	22.23	23.40
	60	2.60	3.90	5.20	6.50	7.80	9.10	10.40	11.70	13.00	14.30	15.60	16.90	18.20	19.50	20.80	22.10	23.40	24.70	26.00
	66	2.86	4.29	5.72	7.15	8.58	10.01	11.44	12.87	14.30	15.73	17.16	18.59	20.02	21.45	22.88	24.31	25.74	27.17	28.60
	72	3.12	4.68	6.24	7.80	9.36	10.92	12.48	14.04	15.60	17.16	18.72	20.28	21.84	23.40	24.96	26.52	28.08	29.64	31.20
	78	3.38	5.07	6.76	8.45	10.14	11.83	13.52	15.21	16.90	18.59	20.28	21.97	23.66	25.35	27.04	28.73	30.42	32.11	33.80
	84	3.64	5.46	7.28	9.10	10.92	12.74	14.56	16.38	18.20	20.02	21.84	23.66	25.48	27.30	29.12	30.94	32.76	34.58	36.40
	90	3.90	5.85	7.80	9.75	11.70	13.65	15.60	17.55	19.50	21.45	23.40	25.35	27.30	29.25	31.20	33.15	35.10	37.05	39.00
	96	4.16	6.24	8.32	10.40	12.48	14.56	16.64	18.72	20.80	22.88	24.96	27.04	29.12	31.20	33.28	35.36	37.44	39.52	41.60
	102	4.42	6.63	8.84	11.05	13.26	15.47	17.68	19.89	22.10	24.31	26.52	28.73	30.94	33.15	35.36	37.57	39.78	41.99	44.20
108	4.68	7.02	9.36	11.70	14.04	16.38	18.72	21.06	23.40	25.74	28.08	30.42	32.76	35.10	37.44	39.78	42.12	44.46	46.80	
114	4.94	7.41	9.88	12.35	14.82	17.29	19.76	22.23	24.70	27.17	29.64	32.11	34.58	37.05	39.52	41.99	44.46	46.93	49.40	
120	5.20	7.80	10.40	13.00	15.60	18.20	20.80	23.40	26.00	28.60	31.20	33.80	36.40	39.00	41.60	44.20	46.80	49.40	52.00	



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Configuration:

Supplied in modular factory assembled form.

Material:

Mill finished aluminium alloy extrusion 6063-T6

Screen:

Bird mesh-Crimped aluminium. Options available for insect mesh.

Optional:

PVDF (Kynar) coating,
Polyester powder coated, super durable,
Anodized, colour on request.
Epoxy painted.



Ratings:

Free Area : [48" X 48" (1220X1220mm)] -8.32ft²

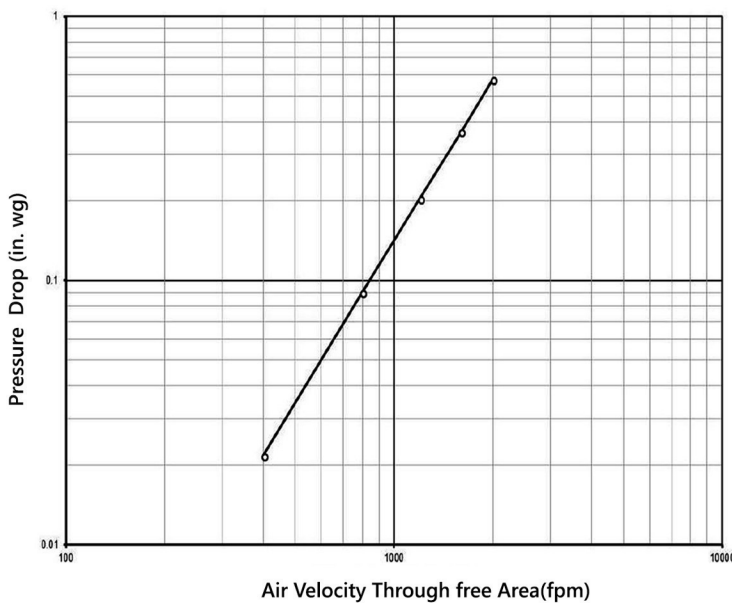
Free Area Velocity : 400 fpm

Air Volume Delivered : 3207 cfm

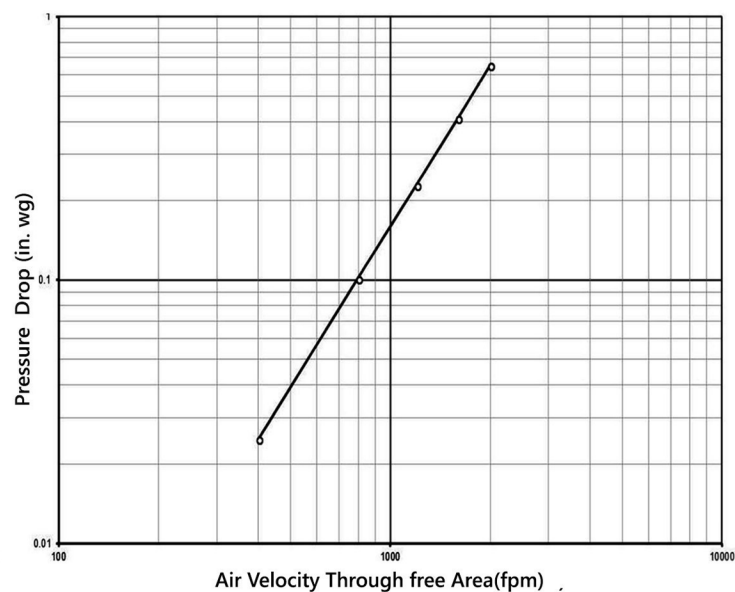
Pressure Loss : 0.025 in.wg

Pressure Loss

Test size: [48"X48"(1220X1220mm)]



Exhaust



Intake



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