



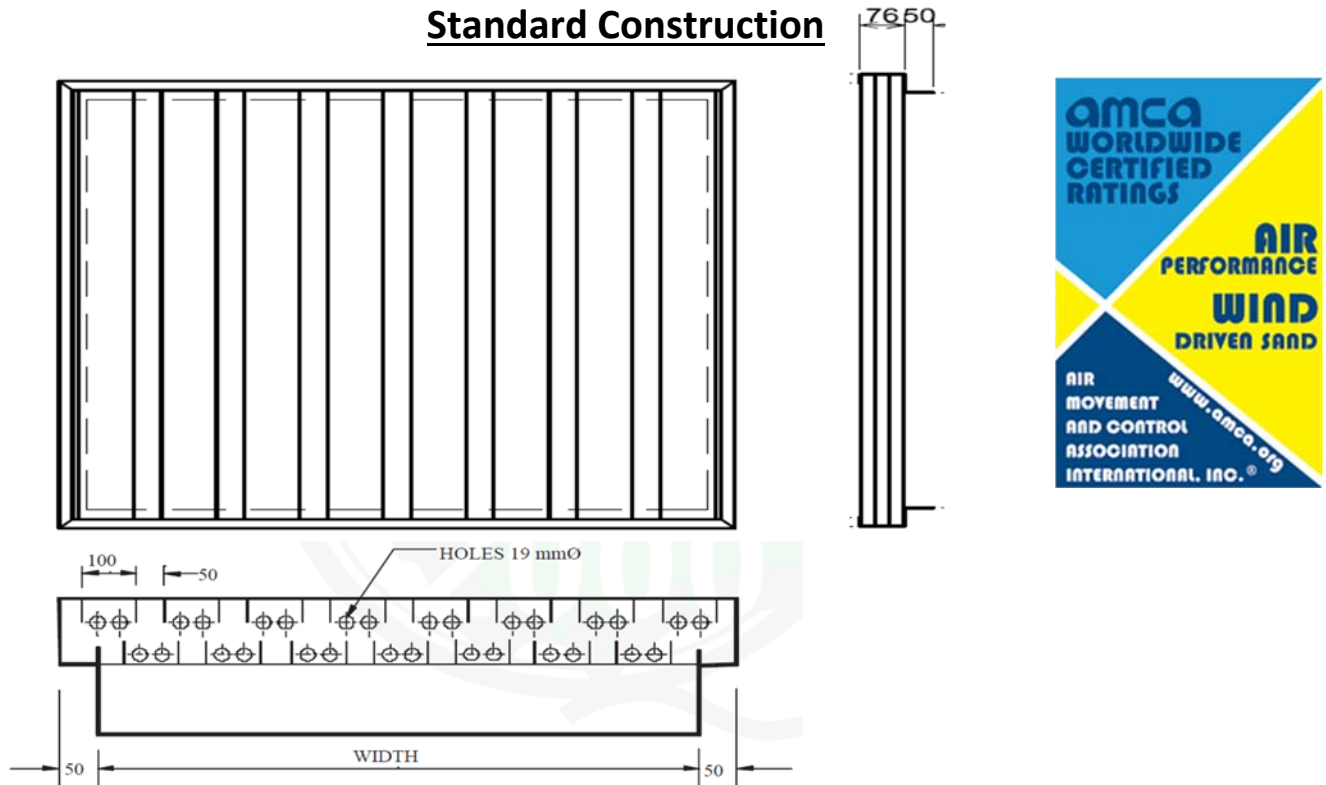
ATAI SANDTRAP LOUVERS

Construction-Performance



ATAI SANDTRAP LOUVERS

Standard Construction



MATERIAL

Available in Galvanized steel or Stainless-Steel or Aluminum or Black steel

Model Code: For Galvanized GST, Stainless-steel SST, Aluminum AST, Black steel BST

CHANNEL FRAME

Thickness ranges from Ga.20 to Ga 11. Standard Gauge 16

BLADES

Thickness ranges from Ga.24 to Ga 11. Standard Gauge 18

OPTIONS

Can be provided with Epoxy Coating, Washable Filters and Bird Screen.

SIZE RANGE

Minimum 150x150mm

Maximum Single section 1500x1500mm

Multi section size upon request.

Above given sizes are neck sizes.

Consult ATAI for multiple section assembly details.



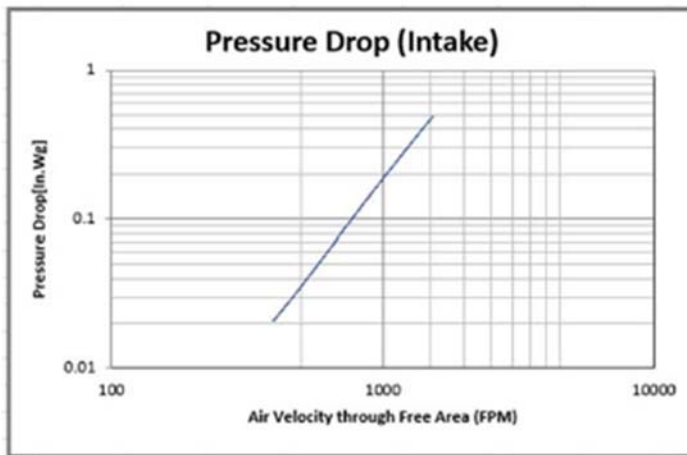
ATAI SANDTRAP LOUVERS

Air Performance

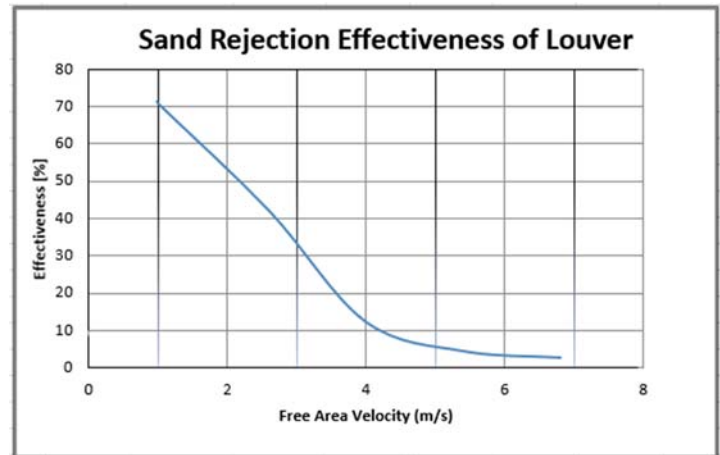
Arabian Thermal Aire Industries Co Ltd, certifies that the Stationary Louvers shown here in is license to bear the AMCA certified rating program seal. The Ratings are based on test and procedures performed in accordance with AMCA publication 511 and comply with the requirements of AMCA Certified Rating Program. The AMCA Certified Rating Program Seal applies to Air Performance and Wind Driven Sand rating.



Test Unit Size 48"X 48"



Rating Based on ANSI/AMCA 500-L-12 Fig 5.5



Rating based on ANSI/AMCA 500-L-12, Fig: 5.5-6.5

SAND TRAP LOUVERS FREE AREA CHART (SQ-FT)												
WIDTH Inches >	12	18	24	30	36	42	48	60	72	84	96	108
HEIGHT Inches	12	18	24	30	36	42	48	60	72	84	96	108
12	0.26	0.46	0.65	0.85	1.05	1.24	1.44	1.83	2.09	2.48	2.88	3.27
18	0.37	0.65	0.93	1.20	1.48	1.76	2.04	2.59	2.96	3.52	4.07	4.63
24	0.48	0.84	1.20	1.56	1.92	2.28	2.64	3.35	3.83	4.55	5.27	5.99
30	0.59	1.03	1.47	1.91	2.35	2.79	3.23	4.12	4.70	5.59	6.47	7.35
36	0.70	1.22	1.74	2.27	2.79	3.31	3.83	4.88	5.58	6.62	7.67	8.71
42	0.81	1.41	2.01	2.62	3.22	3.83	4.43	5.64	6.45	7.66	8.86	10.07
48	0.91	1.60	2.29	2.97	3.66	4.35	5.03	6.40	7.32	8.69	10.06	11.43
60	1.13	1.98	2.83	3.68	4.53	5.38	6.23	7.93	9.06	10.76	12.46	14.16
72	1.35	2.36	3.38	4.39	5.40	6.41	7.43	9.45	10.80	12.83	14.85	16.88
84	1.57	2.74	3.92	5.10	6.27	7.45	8.62	10.98	12.54	14.90	17.25	19.60
96	1.79	3.13	4.46	5.80	7.14	8.48	9.82	12.50	14.29	16.97	19.64	22.32
108	2.00	3.51	5.01	6.51	8.01	9.52	11.02	14.03	16.0	19.0	22.04	25.05