

**DESCRIPTION:**

- Frame and face bars are of high quality extruded aluminum profiled construction with the advantages of corrosion resistance and rigidity.
- Horizontal face bars are fixed rigidly to the frame with aluminum mullion.
- Vertical aluminum aero foil blades are fixed at the rear side of the frame by nylon bushes. These blades can be adjusted manually and individually in the vertical plane

CONSTRUCTION:

- Frame: High quality extruded aluminum profile with 32 mm flange and 1/6" wall thickness.
- Face bars: High quality aluminum profiles of ¼" thickness.

- Bar spacing: 12 mm as standard.
- Rare Blades: Aero foil blades at ¾” centers.

Finish: White painted under electrostatic polyester powder coated system. Other colors available on request. The polyester powder of highest quality are used to enhance the appearance of unit.

PERFORMANCE DATA

NOMINAL WIDTH (Inches)	AREA Sq. Ft. (Effective free area/foot)	Velocity, fpm	400	600	800	1000	1200	1400	1600	1800
		Total Pressure (in.W.G)	0.01	0.022	0.04	0.063	0.089	0.121	0.159	0.202
2	0.45	Flow, cfm/Foot	18	27	36	45	54	63	72	81
		Throw, FT	5-7	9-12	11-16	14-20	16-23	19-26	21-28	22-30
		NC	<20	<20	<20	<20	23	28	32	35
3	0.088	Flow, cfm/Foot	35	53	70	88	106	123	141	158
		Throw, FT	7-10	11-15	14-19	17-23	21-27	24-31	27-34	31-39
		NC	<20	<20	<20	21	26	31	35	38
4	0.133	Flow, cfm/Foot	53	80	106	133	160	186	213	239
		Throw, FT	8-11	13-17	17-21	21-26	25-30	28-34	30-37	35-42
		NC	<20	<20	<20	23	28	33	37	40
5	0.177	Flow, cfm/Foot	71	106	142	177	212	248	283	318
		Throw, FT	10-13	14-18	19-23	22-27	27-32	31-37	33-40	37-44
		NC	<20	<20	<20	24	29	34	38	41
6	0.222	Flow, cfm/Foot	89	133	178	222	266	310	355	400
		Throw, FT	11-14	16-20	20-24	24-29	29-34	33-39	35-41	40-46
		NC	<20	<20	<20	25	30	35	39	42
8	0.274	Flow, cfm/Foot	110	164	219	274	329	384	438	493
		Throw, FT	12-15	17-21	21-25	25-30	30-35	34-40	36-42	41-47
		NC	<20	<20	20	26	31	36	40	43
10	0.338	Flow, cfm/Foot	135	203	270	338	406	473	541	608
		Throw, FT	13-16	19-23	22-26	27-32	32-37	36-42	38-43	43-49
		NC	<20	<20	21	27	32	37	41	44

- NC Data based on 10dB room attenuation.
- Throw Data based on isothermal air at 100 and 50 fpm terminal velocity.