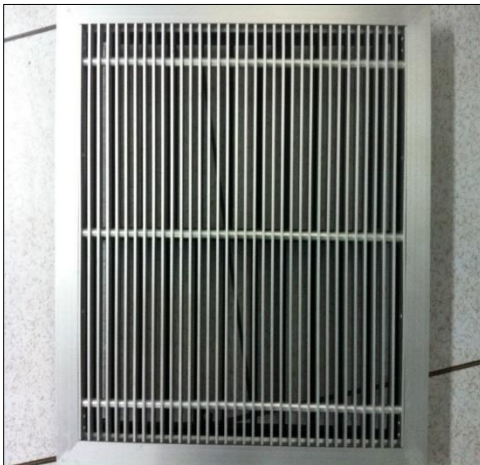


ASP Air Grill – Aluminum Extruded Structure (Size: 600mm x 600mm)

Technical Data Sheet

FRONT VIEW



BACK VIEW



- ✓ Fitting for steel panels, woodcore or calcium sulphate panels
- ✓ 600mm x 600mm (24" x 24")
- ✓ Panel weight: 10kg/pc
- ✓ Panel height: 50mm with damper
- ✓ The stringer width requirement: Apply the same stringer as for panels
- ✓ Aluminum extruded structure
- ✓ 68% open area
- ✓ Available with coatings
- ✓ Bottom adjustable damper available
- ✓ Removable with portable lifting device
- ✓ Airflow (page2)
- ✓ Concentrated Load – 1.7kN
- ✓ Ultimate Load – 5.1kN
- ✓ Uniform Load – 9kN / m²
- ✓ Impact Load – 41kg

Aluminum Extrusion 68% Open Air Grill (Size: 600mm x 600mm)

Ps Static Pressure (Pa)	Air volume (m3/h)				Air velocity (m/s)			
	No Damper	Damper open 0%	Damper Open 50%	Damper Open 100%	No Damper	Damper open 0%	Damper Open 50%	Damper Open 100%
2.5	1081	105	540	923	7.1	0.63	3.7	5.9
5	1573	155	812	1350	9.6	1.04	5.3	8.7
7.5	1892	189	1011	1676	12	1.27	6.3	10.8
10	2244	212	1137	1886	14	1.54	7.5	12.1
12.5	2488	235	1302	2099	15.9	1.72	8.3	13.8
15	2718	263	1428	2340	17.3	1.95	8.9	14.5
17.5	2941	290	1517	2522	18.4	2.09	10.1	16
20	3103	307	1661	2719	19.5	2.21	10.6	17.5
22.5	3324	334	1743	2821	20.8	2.37	11.2	18
25	3483	344	1842	2995	22.3	2.44	11.9	18.6

