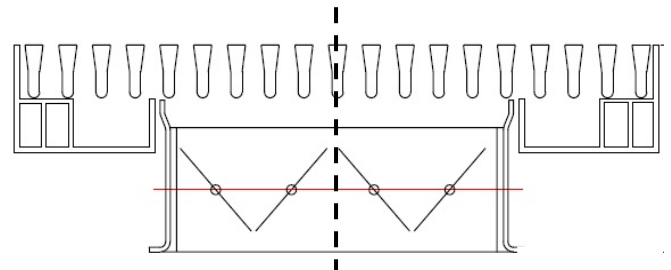


## FG Air Grille - 600x600



### Specification

- Aluminum construction by Anemostat.
- Class A flame spread rating.
- Interchangeable with Bergvik Laminate Panels.
- 39% open free area.
- Airflow direction (static) available in 0°, 15°, 30° and 45° (see separate louver data sheet).
- Panel size: 600 mm (23.62 inch) square.
- Panel height: 38 mm (1.5 inch).
- Panel weight: 11 kg (24 lbs).
- Available with or without damper
- Weight, Opposed Blade Damper (OBD): 3 kg (6.6 lbs).
- Damper can be adjusted from the top to restrict airflow by up to 100%.



Core velocity	Airflow		Pressure drop
	m/s	Pa	
1.0	0.098	353	1
1.2	0.118	423	2
1.4	0.137	494	2
1.6	0.157	564	3
1.8	0.176	635	4
2.0	0.196	706	4
2.2	0.216	776	5
2.4	0.235	847	5
2.6	0.255	917	6
2.8	0.274	988	7
3.0	0.294	1058	8
3.2	0.314	1129	9
3.4	0.333	1200	10
3.6	0.353	1270	11
3.8	0.372	1341	12
4.0	0.392	1411	14

Core Velocity	Air Volume	Static Pressure
3.28	208	0.004015
3.94	250	0.008029
4.59	290	0.008029
5.25	333	0.012044
5.91	373	0.016059
6.56	415	0.016059
7.22	458	0.020074
7.87	498	0.020074
8.53	540	0.024088
9.19	581	0.028103
9.84	623	0.032118
10.5	665	0.036133
11.15	706	0.040147
11.81	748	0.044162
12.47	788	0.048177
13.12	831	0.056206

The above details refer to the FG type floor grille without OBD. As the effective free area of the blade type OBD is vastly greater than the grille, the resulting pressure drop across the damper is negligible.