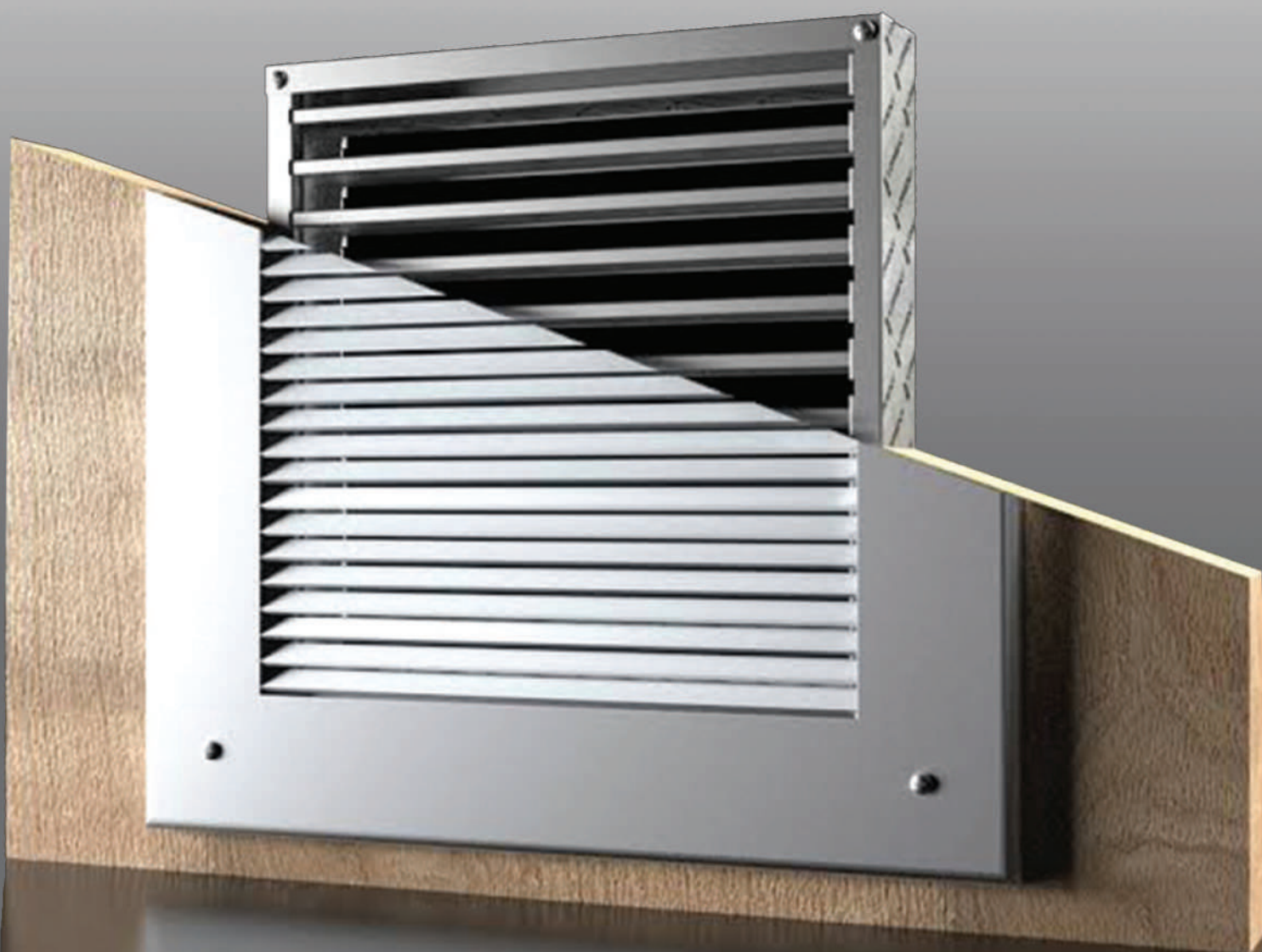


DOOR GRILL



Out standing technique for highest demands Unique in comfort, acousrics and design

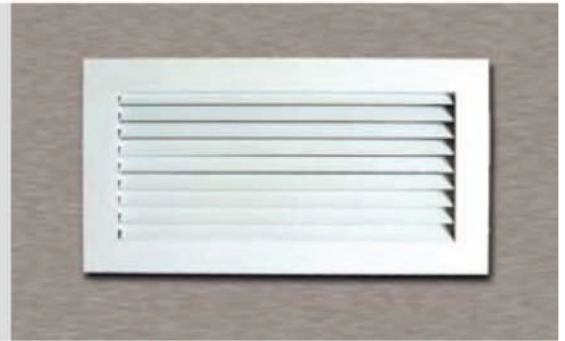
Door Grill With Single Frame

CONSTRUCTION:

Frame: High quality extruded aluminum profiles with 30 mm flange width as standard.

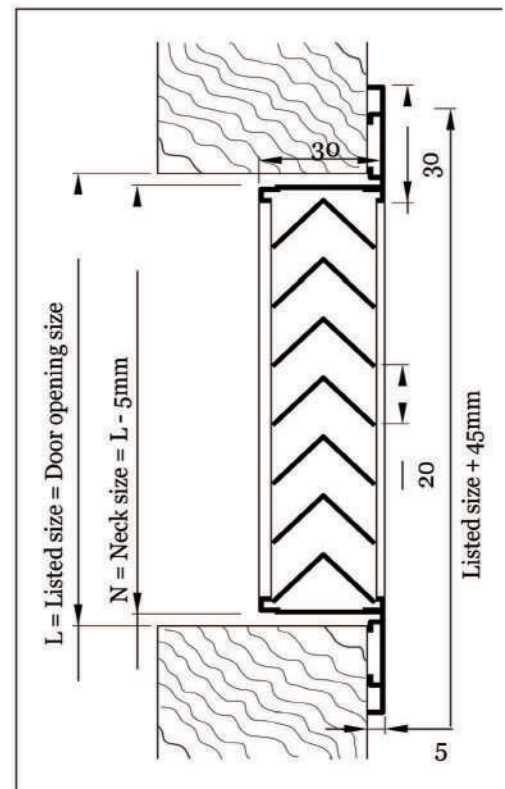
Blades: High quality extruded aluminum profiles .

Blade pitch: 20 mm



Description:

- Frame and blades are of high quality extruded aluminum profiled construction with the advantages of corrosion resistance and rigidity.
- Inverted "V" type horizontal blades are fixed rigidly to the frame.
- Blades are spaced at a distance of 20 mm.
- Grilles are made to withstand heavy use to which door grilles are subjected.
- Frame is fabricated to suit door thickness of 30 mm to 60mm.
- Structure provides around 70% free area for air.
- Used in facilities such as offices, hospitals, schools and toilets for transfer of air from one room to another room.



Door Grill With Double Frame

CONSTRUCTION:

Frame: High quality extruded aluminum profiles with 30 mm flange width as standard.

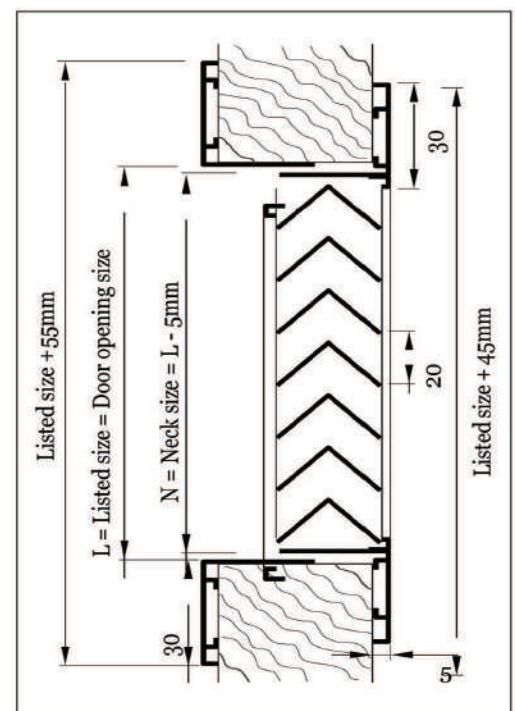
Blades: High quality extruded aluminum profiles .

Blade pitch: 20 mm.



Description:

- Frame and blades are of high quality extruded aluminum profiled construction with the advantages of corrosion resistance and rigidity.
- Inverted "V" type horizontal blades are fixed rigidly to the frame to avoid vibration and corrosion.
- Blades are spaced at a distance of 20 mm.
- Provided with a counter frame for fixing on both sides of the door.
- Made to withstand heavy use to which door grilles are subjected.
- Frame is fabricated to suit door thickness of 30 mm to 60 mm.
- Structure provides around 70% free area for air transmission.
- Used in facilities such as offices, hospitals, schools and toilets for transfer of air from one room to another room.



Standard Sizes And Fixing Details

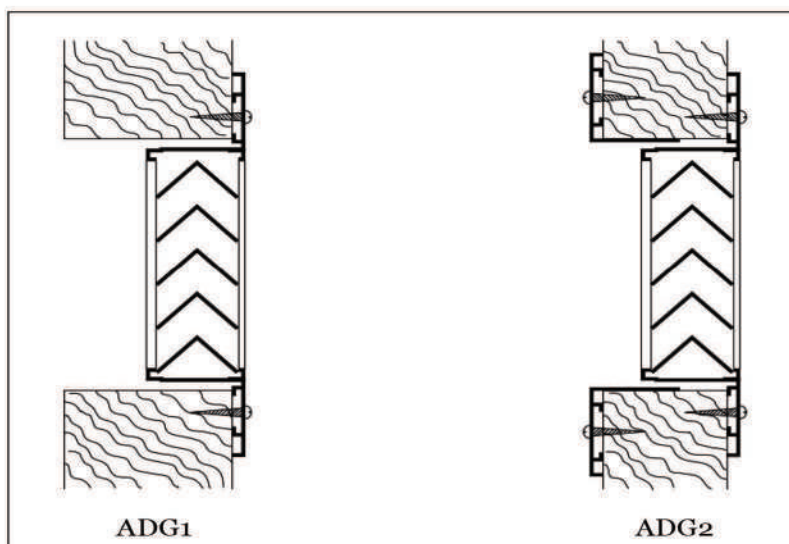
Standard sizes:

- Available in square and rectangular sizes
- Non standard sizes available as option.

Width in mm	150	200	250	300	350	400	450	500	600
Height in mm	150	200	250	300	350	400	450	500	600

Fixing details:

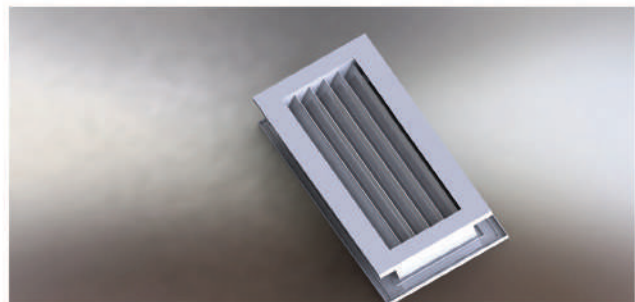
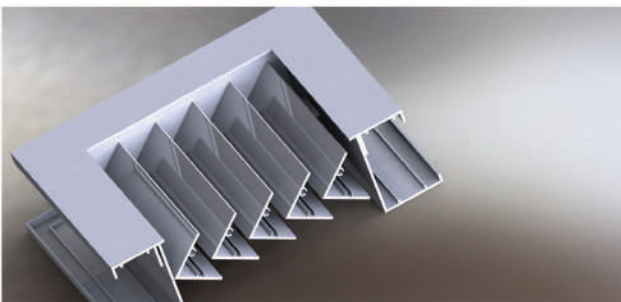
- Screw fixing from flange to door.



Air Flow Data

Listed sizes in mm x mm	Area factor in m ²	Face velocity in m/sec.							
		1.5	1.75	2	2.25	2.5	3	3.5	4
		Static pressure loss in mm of H ₂ O.							
		0.609	0.81	1.07	1.35	1.65	2.39	3.25	4.27
		Air flow in m ³ /sec.							
300 x 150	0.026	0.039	0.046	0.052	0.059	0.065	0.078	0.091	0.104
400 x 150 / 300 x 200	0.0344	0.052	0.06	0.069	0.077	0.086	0.103	0.12	0.138
500 x 150	0.0428	0.064	0.075	0.086	0.096	0.107	0.128	0.15	0.171
300 x 250 / 400 x 200 600 x 150	0.0455	0.068	0.08	0.091	0.102	0.114	0.137	0.159	0.182
400x250/750x150 500x200/300x300	0.049	0.074	0.086	0.098	0.110	0.123	0.147	0.172	0.196
350x350/600x200 400x300/500x250	0.067	0.1	0.117	0.134	0.151	0.168	0.201	0.235	0.268
450x350/600x250 500x300/750x200	0.0837	0.126	0.146	0.167	0.188	0.209	0.251	0.293	0.335
500 x 350 / 750 x 250 600 x 300	0.10	0.15	0.175	0.2	0.225	0.25	0.3	0.35	0.4
500 x 400 / 450 x 450	0.11	0.165	0.193	0.22	0.248	0.275	0.33	0.385	0.44
600 x 350	0.115	0.173	0.201	0.23	0.259	0.288	0.345	0.403	0.46
500 x 450 / 750 x 300 600 x 400	0.125	0.188	0.219	0.25	0.281	0.313	0.375	0.438	0.50
750 x 350 / 600 x 450	0.149	0.224	0.261	0.298	0.335	0.373	0.447	0.522	0.596
750 x 450	0.175	0.263	0.306	0.35	0.394	0.438	0.525	0.613	0.7
600 x 600	0.199	0.299	0.348	0.398	0.448	0.498	0.597	0.697	0.796
700 x 600 / 750 x 550	0.23	0.345	0.403	0.46	0.518	0.575	0.69	0.805	0.92

* NC < 20



How To Order

