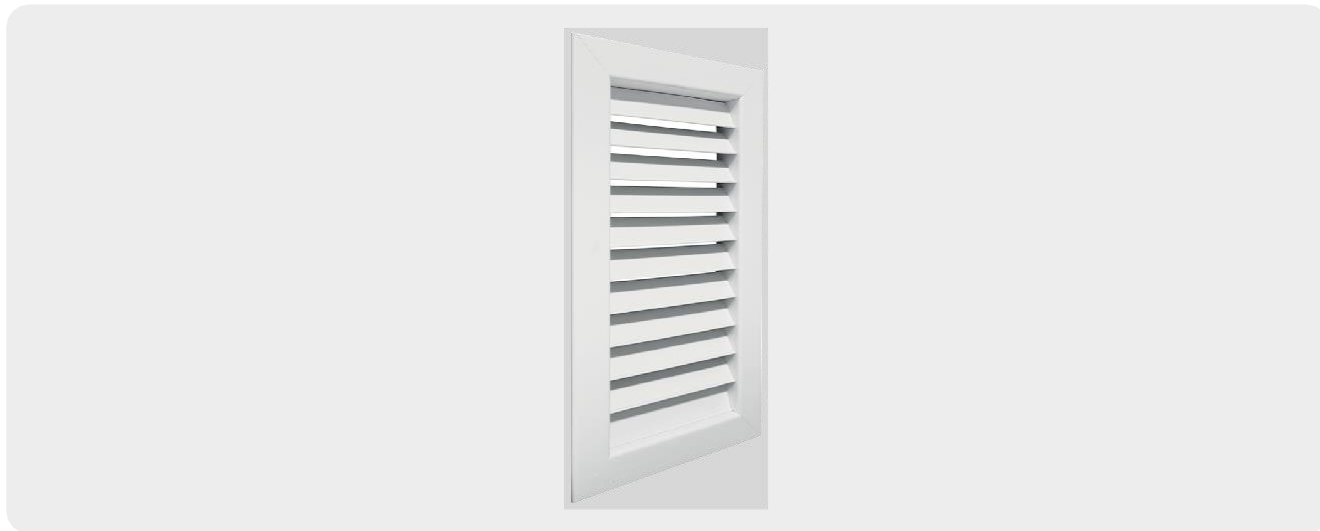


Shooting grids G/02

SHOOTING GRIDS SERIES -G/02



CARATTERISTICHE

Single-order intake grille with vertical fins inclined at 45°.

Material of construction: anti-condensation PVC

Color: White RAL 9010

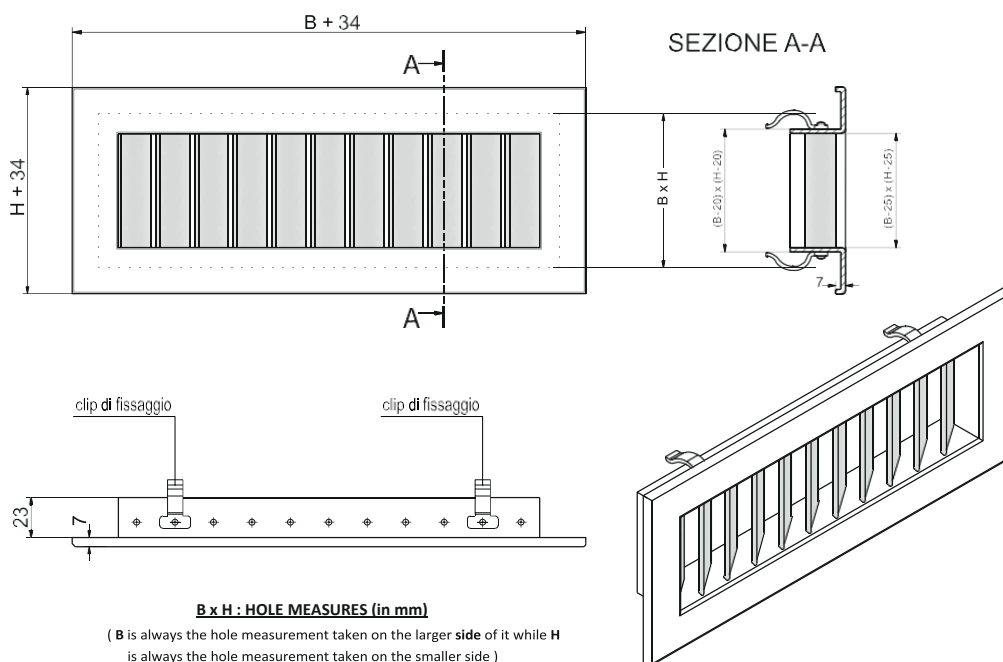
Flap pitch: 25 mm

Extinguishing grade: Class V0 Operating temperature: -30°C/+60°C Fixing methods: Clips, screws, magnets

ACCESSORIES (optional)

- Calibration damper mod. S/01
- Galvanized sheet metal counter frame mod. C/01
- Polycarbonate plenum mod. EP/01 or polyisocyanurate (PAL) or PVC. For sizes 200/300/400x100, adapters are also usable.

DIMENSIONS



QUICK SELECTION TABLE

Code	Hole size BxH	Effective area	Flow rate (m ³ /h) with v=1m/s	Flow rate (m ³ /h) with v=2m/s	Flow rate (m ³ /h) with v=2.5m/s	Flow rate (m ³ /h) with v=3m/s	Flow rate (m ³ /h) with v=4m/s
	[mm]		[m ²]	Pressure drop: 2 Pa	Pressure drop: 4 Pa	Pressure drop: 7 Pa	Pressure drop: 10 Pa
-G/02200X100B	200x100	0.0048	18	35	44	52	69
-G/02300X100B	300x100	0.0080	29	58	72	88	114
-G/02400X100B	400x100	0.0110	43	86	108	120	160
-G/02500X100B	500x100	0.0145	54	108	135	153	204
-G/02600X100B	600x100	0.0175	65	130	162	188	251
-G/02800X100B	800x100	0.0240	86	173	216	256	341
-G/02300X150B	300x150	0.0135	50	101	126	143	190
-G/02400X150B	400x150	0.0185	68	137	171	199	265
-G/02500X150B	500x150	0.0240	86	173	216	256	341
-G/02600X150B	600x150	0.0290	104	209	261	312	416
-G/02700X150B	700x150	0.0345	126	252	315	369	492
-G/02800X150B	800x150	0.0395	144	288	360	426	567
-G/02200X200B	200x200	0.0110	42	84	109	126	168
-G/02300X200B	300x200	0.0185	68	137	171	199	265
-G/02400X200B	400x200	0.0260	94	187	234	279	372
-G/02500X200B	500x200	0.0330	122	245	306	357	477
-G/02600X200B	600x200	0.0410	148	295	369	437	583
-G/02700X200B	700x200	0.0480	173	346	432	516	688
-G/02800X200B	800x200	0.0555	202	403	504	596	795
-G/021000X200B	1000x200	0.0700	252	503	630	655	1007
-G/02300X300B	300x300	0.0290	104	208	261	312	416
-G/02400X300B	400x300	0.0410	148	295	369	438	583
-G/02500X300B	500x300	0.0540	187	374	468	562	749
-G/02600X300B	600x300	0.0640	230	461	576	687	916
-G/02800X300B	800x300	0.0870	313	626	783	936	1248
-G/021000X300B	1000x300	0.1100	396	792	990	1186	1581
-G/02400X400B	400x400	0.0555	202	403	504	596	795
-G/02600X400B	600x400	0.0850	313	626	783	936	1248
-G/02800X400B	800x400	0.1150	428	857	1071	1277	1702
-G/021000X400B	1000x400	0.1435	540	1080	1350	1617	2156
-G/02500X500B	500x500	0.0900	323	647	808	970	1293
-G/02800X500B	800x500	0.1470	540	1080	1350	1617	2156
-G/021000X500B	1000x500	0.1850	684	1368	1710	2048	2730
-G/02595X595B [*]	561x561	0.1150	407	814	1017	1218	1625
-G/02600X600B	600x600	0.1330	479	958	1197	1435	1914
-G/02800X600B	800x600	0.1790	655	1310	1638	1957	2669
-G/021000X600B	1000x600	0.2260	828	1656	2070	2479	3305

(*) For this grid, as the only exception, the nominal dimensions are the external dimensions (595x595 mm), so this grid is suitable for installation on 60x60 cm modular ceiling.

v = grid crossing speed (v_k)

Parameters for calculating flow rates : shutter closing (optional) = 0%

The 'area is considered as effective useful area, the sum of the individual areas between fins measured on the narrowest airflow passages.

Correspondence between the value of the crossing speed v and the noise index NR , with an indication of the type of installation environment:

- for v = 1 m/s ... noise index 10<NR<15 (in all environments for v.m.c. systems, concert halls, libraries))
- For v = 2 m/s ... noise index 15<NR<20 (apartments, hotel rooms, hospital rooms)
- for v = 2.5 m/s ...noise index 20<NR<25 (hotel rooms, radio studios, offices in general, restaurants).
- for v = 3 m/s and for v = 4 m/s ... noise index NR>25 (environments such as shopping malls or industrial buildings).

GRID ATTACHMENT SYSTEMS (AMONG THEM ALTERNATIVE): CLIPS, SCREWS, MAGNETS

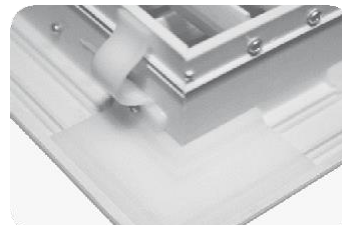
Each of the three systems is not included in the grid delivery price but is quoted separately. In the absence of any other indication from the customer, FITT AGIX provides the standard fixing system, i.e. the one with the clips that are delivered already fixed on the grid.

In the case of ceiling or false ceiling installations, 100% method reliable is with screws and clips are not recommended. Of the three fixing systems, the one with screws, in particular, corresponds to a grid that is not provided with holes and therefore delivered aesthetically identical to a grid provided with clips or magnets.

Clips (standard, except)

The set of clips supplied with each nozzle is in a number dependent on the size of the nozzle. In particular:

- to the nozzle having the largest side B measuring less than or equal to 600mm corresponds no.4 clips per set,
- to the nozzle having the largest side B measuring between 700mm and 1000mm corresponds n.6 clips for each set.



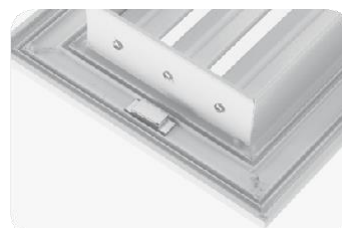
Screws (on request, separately)

The screws, made of galvanized steel, are supplied painted RAL 9010 on the heads. The vent frame is easily drilled by the customer, who can freely choose the location of the holes. A set of No. 4 screws is provided for any size of vents, except for vents having the largest side equal to 1000mm for which the set provides No. 8 screws.



Magnets (on request, separately)

The magnet attachment system is particularly suitable where there is a need for frequent maintenance. The magnets are supplied already assembled with the nozzle. The set of magnets supplied with each nozzle is in a number dependent on the nominal size of the nozzle:



	Set of no.4 magnets	Set of no.6 magnets	Set of no.8 magnets	Set of no.10 magnets
Nom. measurements. glycoi BxH	200x100	600x100	800x150	1000x200
	300x100	800x100	800x200	1000x300
	400x100	500x150	600x200	1000x400
	500x100	600x150	700x200	1000x500
	300x150	700x150	800x200	1000x600
	400x150	500x200	800x300	800x600
	200x200	500x300	800x400	
	300x200	600x300	800x500	
	400x200	600x400	595x595	
	300x300		600x600	
	400x300			
	400x400			
	500x500			