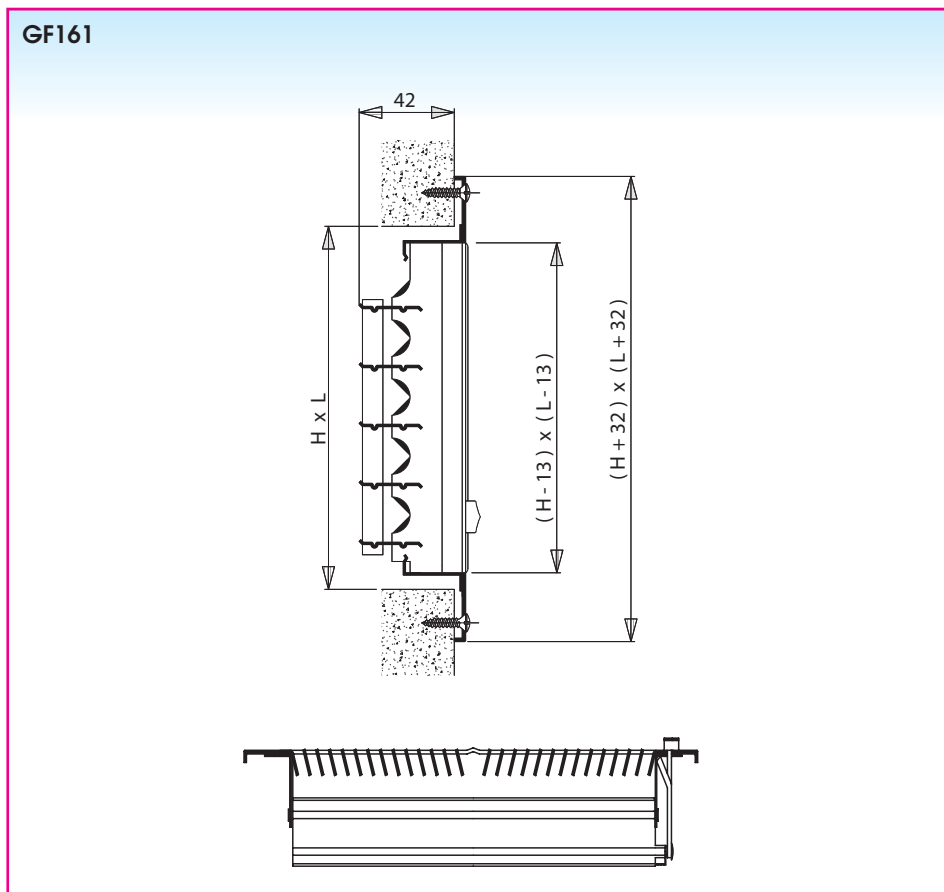


AIR SUPPLY GRILLE GF161

Installation dimensions



Application

The grille type GF161 is used for the supply of cooled and heated air in facilities such as offices, shopping centres, ... The grille can be used for wall or duct mounting. The grille is equipped with a steel damper operated from the front of the grille by a button.

Technical information

Characteristics :

- fixed stamp-formed blades, 20° deflection both to the left and the right
- free passage ca. 60% (damper fully open)
- damper equipped with parallel leafs and operated from the front of the grille by a button.
- available dimensions:
L = 203, 254, 305, 356, 406, 508 and 610 mm
H = 102, 152 and 203 mm

Construction :

- steel, painted white (RAL 9010)

Specifications description

Example:

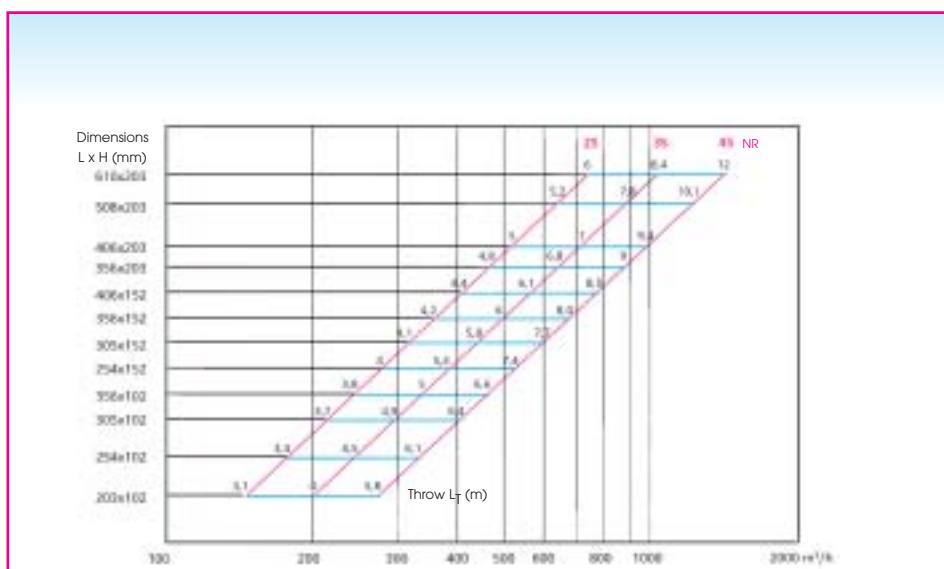
Steel supply grille with stamp-formed vertical blades, 20° deflection both to the left and the right and equipped with a damper. The grille is painted white (RAL 9010)

Type: GF161
nom. dim. (LxH) ... x ... mm

Fixing

- visible screw fixing

Fast selection diagram



Throw factor is based on a v_R of 0,17 m/s in the occupied zone.
See next page for a detailed selection.

Selection table

L x H (mm)	A _k (m ²)	v _k (m/s) Δp _f (Pa)	2	2,5	3	4	5
			4	6	8	15	23
203 x 102	0,012	q _v (m ³ /s)	0,024	0,030	0,036	0,048	0,060
		L _T (m)	1,8	2,2	2,6	3,5	4,4
254 x 102	0,015	q _v (m ³ /s)	0,030	0,038	0,045	0,060	0,075
		L _T (m)	1,9	2,4	2,9	3,9	4,8
305 x 102	0,019	q _v (m ³ /s)	0,038	0,048	0,057	0,076	0,095
203 x 152		L _T (m)	2,2	2,7	3,3	4,3	5,4
356 x 102	0,022	q _v (m ³ /s)	0,044	0,050	0,066	0,088	0,110
		L _T (m)	2,4	3,0	3,6	4,7	6,0
254 x 152	0,026	q _v (m ³ /s)	0,052	0,065	0,078	0,104	0,130
		L _T (m)	2,5	3,1	3,7	5,0	6,3
305 x 152	0,030	q _v (m ³ /s)	0,060	0,075	0,090	0,120	0,150
		L _T (m)	2,7	3,4	4,1	5,4	6,8
356 x 152	0,035	q _v (m ³ /s)	0,070	0,088	0,105	0,140	0,175
		L _T (m)	2,9	3,7	4,4	5,8	7,3
406 x 152	0,041	q _v (m ³ /s)	0,082	0,103	0,123	0,164	0,205
		L _T (m)	3,2	3,9	4,7	6,3	7,9
356 x 203	0,047	q _v (m ³ /s)	0,094	0,118	0,141	0,188	0,235
		L _T (m)	3,7	4,2	5,0	6,7	8,4
406 x 203	0,053	q _v (m ³ /s)	0,106	0,133	0,159	0,212	0,265
		L _T (m)	3,6	4,5	5,4	7,2	9,0
508 x 203	0,069	q _v (m ³ /s)	0,138	0,173	0,207	0,276	0,345
		L _T (m)	4,1	5,1	6,1	8,1	10,2
610 x 203	0,083	q _v (m ³ /s)	0,166	0,208	0,249	0,332	0,415
		L _T (m)	4,5	5,6	6,7	8,9	11,1

L: nominal length (mm)
H: nominal height (mm)

L_T for v_T = 0,375 m/s

How to order

GF161 dimension 356 x 203 mm

G	F	1	6	1	-	-	0	3	5	6	0	2	0	3
L											H			