

FLOOR GRILLE

INSTALLATION DIMENSIONS

TYPE: GD241



Application

The grille type GD241 is used for the supply of cooled or heated air in facilities such as private houses, shopping centres, ...

The grille can be mounted in the floor and is walkable.

Technical information

Characteristics:

- fixed stamped-formed blades, 30° deflection both to the left and the right
- free passage ca. 75 % (damper completely open)
- damper equipped with parallel leafs, with foot-operated dial.
- available in dimensions:
 nom.H = 57, 102 and 150 mm
 nom.L = 254, 305 and 356 mm
 (254 x 57 mm and 356 x 57 mm not possible)

Construction:

steel, painted white (RAL 9010)

Specifications description

Example:

Steel floor grille with stamp-formed blades, 30° deflection both to the left and the right and equipped with a damper, painted white (RAL 9010)

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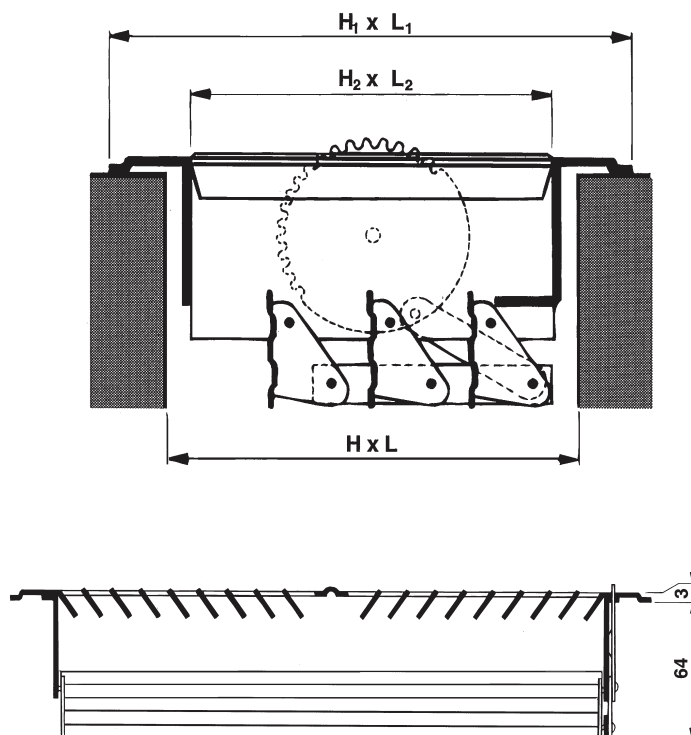
nom. dim. (L x H) ... x ... mm

Fixing

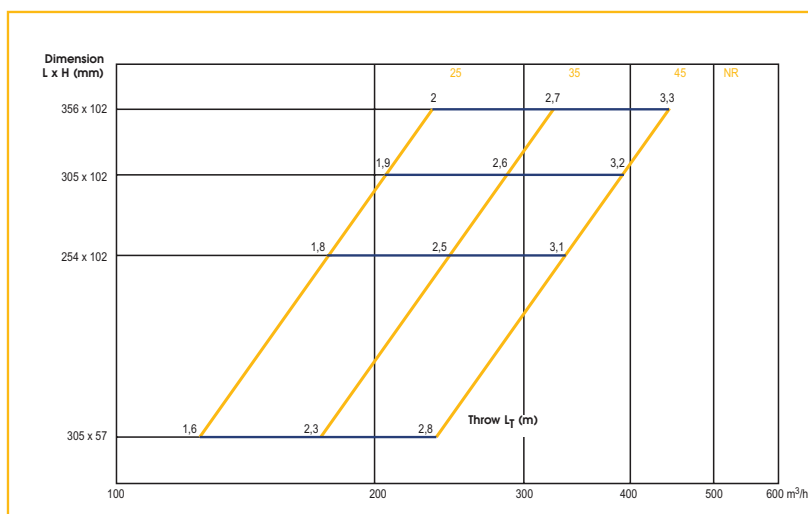
floor mounting

Installation dimensions

GD241



Fast selection diagram



Throw factor is based on a v_R of 0,12 m/s in the occupied zone.

Selection table

L x H (mm)	L ₁ x H ₁	L ₂ x H ₂	A _k (m²)	v _k (m/s) Δp _f (Pa)	2 4	2,5 6	3 8	4 14	5 22
305 x 57	334 x 86	297 x 49	0,012	q _v (m³/s)	0,023	0,029	0,035	0,046	0,058
				L _T (m)	1,7	1,9	2,0	2,2	2,5
254 x 102	283 x131	246 x 93	0,018	q _v (m³/s)	0,036	0,045	0,054	0,072	0,090
				L _T (m)	1,4	1,7	2,0	2,5	3,1
305 x 102	334 x 131	297 x 93	0,022	q _v (m³/s)	0,044	0,055	0,066	0,088	0,110
				L _T (m)	1,5	1,8	2,1	2,7	3,4
356 x 102	385 x 131	347 x 93	0,025	q _v (m³/s)	0,052	0,065	0,077	0,103	0,129
				L _T (m)	1,6	1,9	2,2	2,9	3,5
254 x 150	287 x 187	230 x 130	0,026	q _v (m³/s)	0,053	0,066	0,079	0,106	0,132
				L _T (m)	1,7	2,1	2,4	3,1	3,8
305 x 150	337 x 187	280 x 130	0,032	q _v (m³/s)	0,065	0,081	0,097	0,129	0,161
				L _T (m)	1,9	2,3	2,6	3,3	4,0
356 x 150	387 x 187	330 x 130	0,038	q _v (m³/s)	0,076	0,095	0,114	0,152	0,190
				L _T (m)	1,9	2,3	2,7	3,5	4,3

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

 L_T for $v_T = 0,25 \text{ m/s}$

How to order

GD241 dimension 305 x 102 mm

G	D	2	4	1	-	-	0	3	0	5	0	1	0	2
							L				H			