

Door grille

D11



Description

D11 is a rectangular aluminium grille with fixed slanting horizontal bars. D11 is used as an overflow grille for mounting in doors. D11 is supplied as standard with countersunk screw holes and mating flange for doors, thickness from 18 to 43 mm. D11 can be supplied for doors thicknesses up to 61mm.

Maintenance

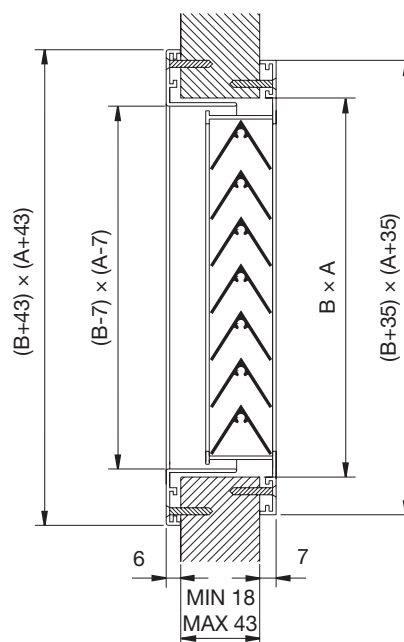
The external parts should be wiped with a damp cloth.

Order code

Product	D11	aaa	bbb
Type			
A - Measure			
B - Measure			

A x B: Cutting dimension

Dimensions



Can be supplied on request for door thicknesses up to 61 mm.

A x B mm	Free area F(m ²)	Weight kg
200 X 97	0,0046	0,3
300 X 97	0,0071	0,4
300 X 157	0,0139	0,7
400 X 157	0,0188	0,9
500 X 157	0,0237	1,2
600 X 157	0,0285	1,4
300 X 197	0,0185	0,9
400 X 197	0,0250	1,2
500 X 197	0,0314	1,5
600 X 197	0,0380	1,7

D11 can be used in other sizes, although there are certain limitations.

A dimension: Max. 1,000 mm
Min. 100 mm
B dimension: Max. 1,000 mm
Min. 97 mm

B dimensions should always end in 17-37-57-77-97 mm

Materials and finish

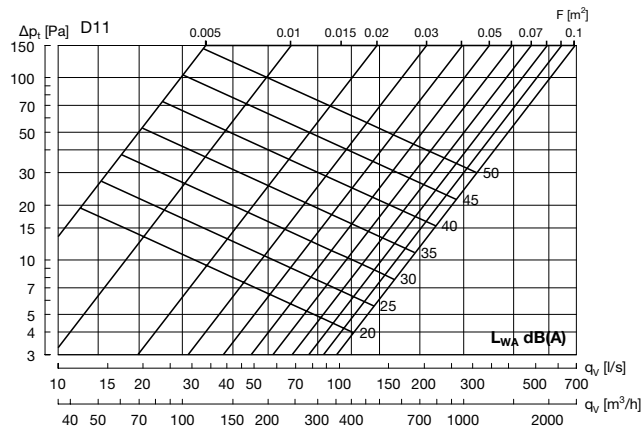
Grille: Aluminium
Standard finish: Natural anodised
On request: RAL 9010 Gloss 30

The grille is available in other colours. Please contact Lindab's sales department for further information.

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Technical data



Free area F (m²) = (A-15) (B-35) 0.4 X 10⁻⁶ m²
 (A and B in mm)

Capacity

Volume flow q_v [l/s] and [m³/h], total pressure drop Δp_t [Pa], throw $l_{0.2}$ and sound level L_{WA} [dB(A)] can be seen in the diagram.

Frequency-related sound effect level

The sound effect level in the frequency band is defined as $L_{WA} + K_{Ok}$. K_{Ok} values are given in chart in the table below.

Size	Centre frequency Hz							
	63	125	250	500	1K	2K	4K	8K
K_{Ok}	13	7	4	-3	-6	-10	-14	-16

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15
- 16
- 17
- 18