



Pictures are only illustrative. They can differ from the visual shape of the selected product variant.

Description

NOVA-D is a rectangular non-transparent aluminium grille with fixed blades. It is adequate for usage in such premises that require a higher emphasis on appearance and is designed for a free air flow through both sides of the grille. The main purpose of the grille is air transfer through doors or walls.

Design

Material used: The NOVA-D grille is manufactured from aluminium profiles with anodized coating or, if appropriate, a powder coating as standard or other RAL types.

Type of blades:

The grille's blades are fixed with an axial pitch 15 mm in the shape of an upturned letter "V". The blades overlap each other.

Mounting

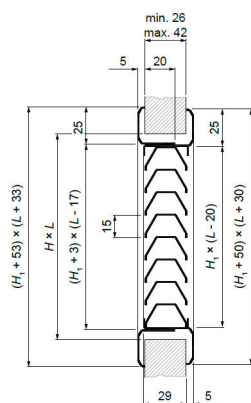
The NOVA-D grille can be mounted into the door using countersunk screws (type "1" mounting), or it can be supplied without pre-drilled holes for fixing using glue. It is possible to choose from two types of mounting frames, for thin doors and walls (UR1) or for thick doors and walls (UR2).

Configuration

Parameter	Value
Length	500
Height	100
Mounting	Glue
Mounting frame	UR1 - 26 ÷ 42 mm door thickness
Surface finish	Signal white (RAL9003, gloss 30%)

Dimensions

Dimensions



Dimensions	Value (mm)
L	500
H	100
H1	91

Documents

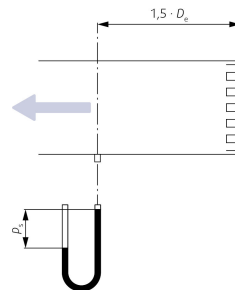
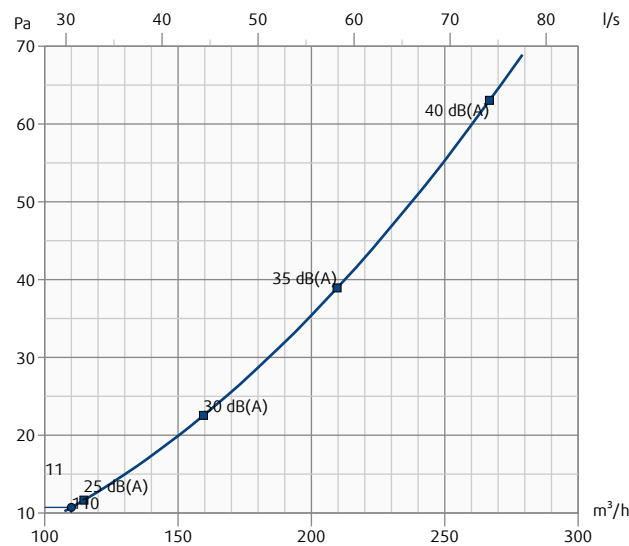
[Catalogue_NOVA_grilles_EN_202004](#)

[DeclarationOfConformity_NOVA-D_EN](#)

Calculation

Pressure drop & sound power level (A-weighted)

Total sound power level (A-weighted) - Discharged into room



Air transfer

Parameter	Value	
Air flow	110	m³/h
Air face velocity	0.6	m/s
Pressure drop	11	Pa
Total sound power level - Discharged into room	39	dB
Total sound power level (A-weighted) - Discharged into room	24	dB(A)

Total sound power level - Discharged into room									
	Hz	63	125	250	500	1k	2k	4k	8k
L _W	dB	38	28	27	22	12	<5	6	22
L _{WA}	dB(A)	11	12	19	18	11	<5	6	20