

NOVA-R Grilles

Rectangular non-transparent aluminium grille suitable for hotels, offices and restaurants



- Lightweight
- Aesthetic design
- Aluminium construction
- Air extraction

[Find more details in our online catalogue](#)

Air extraction

The NOVA-R diffusion grille is intended for air extraction when installed into rectangular ducts or into walls.

Aesthetic appearance

The design of the NOVA-R makes it suitable for use in settings where overall appearance is a consideration such as offices, hotels and restaurants.

Duct installation

The NOVA-R grille can be mounted directly onto a rectangular duct using countersunk screws or directly onto a wall using a mounting frame and spring clips.

Certifications



HY Hygiene conformity

Verified Hygiene for Healthy Indoor AirSystemair prioritizes the hygienic properties of components crucial for healthy indoor environments. Our commitment is validated through rigorous material testing according to EN ISO 846, an internationally recognized standard evaluating resistance to microbial growth, including fungi and bacteria. Only materials demonstrating excellent performance in this demanding test are selected for our hygienic product range.



Eco Platform: EPD Verified

This product comes with an Environmental Product Declaration (EPD), published by EPD Norway, a global EPD program operator and member of the ECO Platform (<https://www.eco-platform.org/who-is-participating.html>

). Compliant with ISO 14025 and EN 15804, Systemair EPDs support Life Cycle Assessments (LCAs) in all markets where the product is used. Scroll down to download the EPDs.

NOVA-R is a rectangular, non-transparent aluminium grille with fixed blades. Available in different sizes, the unit is designed for air extraction when mounted onto a rectangular duct or onto a wall using a mounting frame and spring clips. If the NOVA-R grille is equipped with a protective mesh it can be installed on the exterior building wall as a grille for air supply. For a balanced distribution of air through the entire grille, it is recommended to use a damper or plenum box, both of which are available as accessories.

The NOVA-R grille is manufactured from aluminium profiles with local coating or a powder lacquered surface finish in RAL 9003 signal white. Other RAL types are available on request. The optional mesh screen is made from galvanised wire with 10 x 10 mm nooses. Upon request, it can be manufactured from stainless steel. The grille has an operational temperature from -20 to 100°C. The grille's blades are fixed with an axial pitch of 20 mm, inclined downwards in a 45°angle.

Technical parameters

Nominal data

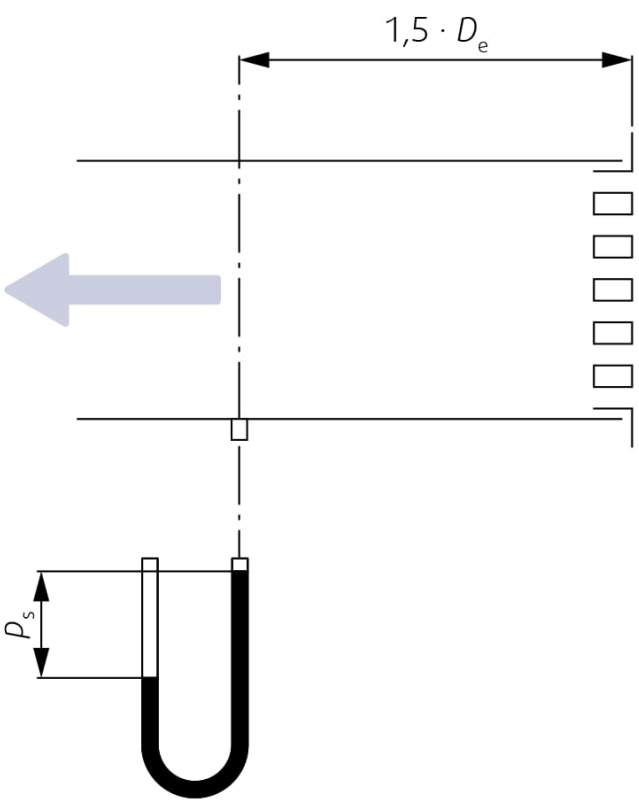
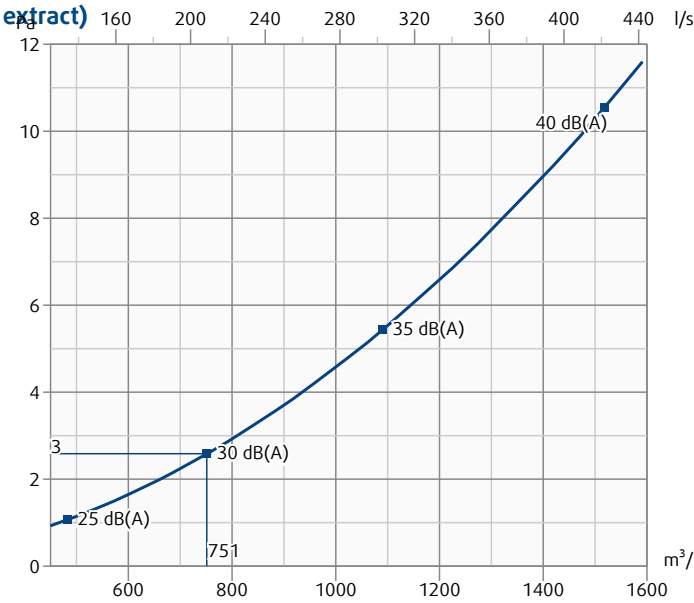
Air flow(s)	436; 693; 1016	m ³ /h
Pressure drop	1; 2; 5	Pa
Sound power level	24; 29; 34	dB(A)
Sound pressure level (10 m ² room absorbtion area)	20; 25; 30	dB(A)

Dimensions and weights

Weight	1.53	kg
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Performance

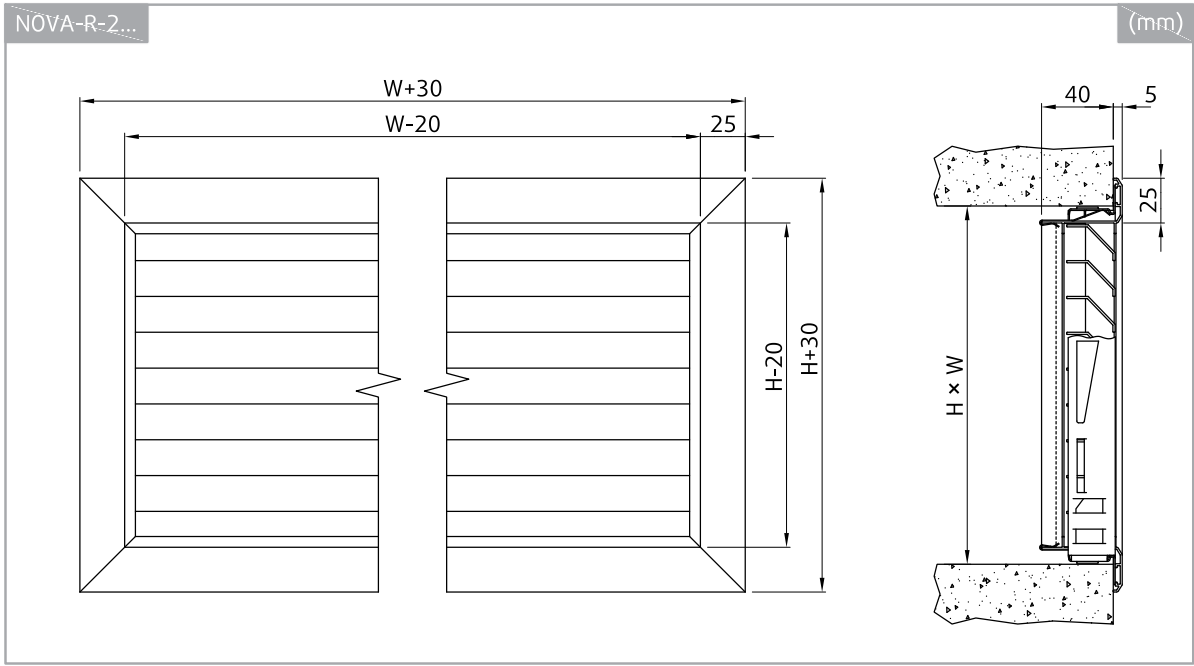
Pressure drop & sound power level (A-weighted) - Total
sound power level (A-weighted) - Discharged into room (Air
extract)



Parameter	Value	
Air flow	751	m³/h
Pressure drop	3	Pa
Total sound power level - Discharged into room	42	dB
Total sound power level (A-weighted) - Discharged into room	30	dB(A)

Total sound power level - Discharged into room	Hz	63	125	250	500	1k	2k	4k	8k
Lw	dB	40	32	33	29	20	14	14	23
LwA	dB(A)	13	17	24	26	20	15	15	22

Dimensions



Part	Weight kg
NOVA-R-2-600x300-SW	1.53

Accessories

- R1-NOVA-600x300 (42065)
- UR-NOVA-600x300 (41279)

Documents

- [EPD_270847_Systemair_NOVA_pdf](#)
- [EPD_270847_Systemair_NOVA_json](#)
- [Handbook_NOVA_R_202406](#)
- [NOVA-R_DoC_EN](#)

Specification

Ventilation grille, opaque, with fixed slats. The square exhaust air grille is made from aluminum profiles. The slats are mounted with a center distance of 20 mm and are angled downwards by 45°. Available for screw or clamping spring mounting. Using the mounting frame is recommended when using clamping springs. As standard, available in sizes from 200 x 100 mm to 1200 x 500 mm and 225 x 125 mm to 1225 x 525 mm. The optional mesh grid has a mesh size of 10 x 10 mm. The grille can be anodized or powder-coated in RAL9003 (signal white). Other RAL Classic colors are available on request.

Optional accessories: Counter-rotating regulating element, and various junction boxes.

- Length: 600
- Height: 300
- Mounting: Spring clips
- Mesh screen: Without mesh screen
- Surface finish: Signal white (RAL9003)
- Damper: Without damper
- Mounting frame: Without mounting frame
- Plenum box: Not selected or not available