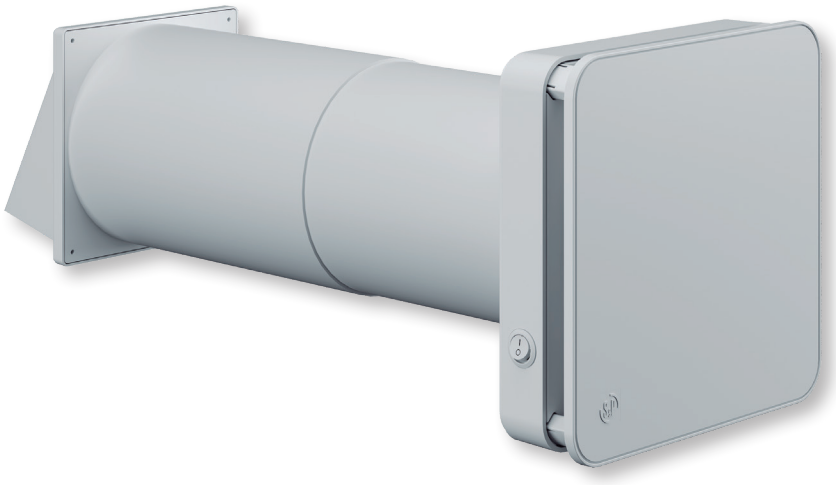
breathe & relax | planet-friendly | install-friendly

DESIGNED FOR AN EASY INSTALLATION



Decentralized ventilation unit with heat recovery, designed for single-room applications in residential or commercial settings. Its elegant design ensures seamless integration into any environment.
The system operates using a reversing fan and a high-efficiency ceramic heat exchanger, achieving energy recovery rates of up to 95%. Airflow is automatically adjusted based on indoor humidity levels, ensuring optimal indoor air quality.
Air filtration is provided by two ISO Coarse filters, positioned upstream and downstream of the ceramic exchanger.
The electronically controlled motor ensures low energy consumption and quiet operation.
NARAH enables high-performance air renewal without the need for ductwork or diffusers, making it ideal for renovation projects.
Telescopic duct (ø160 mm), suitable for wall thicknesses from 250 mm to 490 mm.

- Supply mode: All the NARAH units will supply air indoors.
  This mode is activated by a digital input.

Characteristics

- Airflow range: 15-60 m^3/h.
- 4 speed levels.
- Ultra-low power consumption (3.4W at maximum speed).
- Silent fan operation.
- High-efficiency ceramic heat exchanger.
- ISO Coarse 60% filters.
- Remote control included.
- Digital display.
- Compatible with AIRSENS RF.2 smart sensors.
- Wireless synchronization between units (radio frequency – max. 4 units).
- Telescopic duct.

Smart Ventilation Systems

Specific applications

VMC Single Dwellings | VMC Multi dwelling blocks | Heat recovery units

NARAH Remote
Included by default. Allows to modify the speed level as well as changing between manual and automatic modes. Furthermore, it enables the activation of additional working modes:
- By-pass mode: Half of the NARAH units will supply fresh air while the rest will extract polluted air.
- Night mode: Reduced speed for 8 hours.

Digital display
Thanks to the integrated display, it is possible to modify the parameters that control the different operating modes. Reduces commissioning time and helps to identify the status of the unit and any potential errors.

Connectair
Through the NARAH-SPCM module, the unit can access Connectair, S&P's IoT platform that enables a new way to enjoy ventilation.

TECHNICAL CHARACTERISTICS

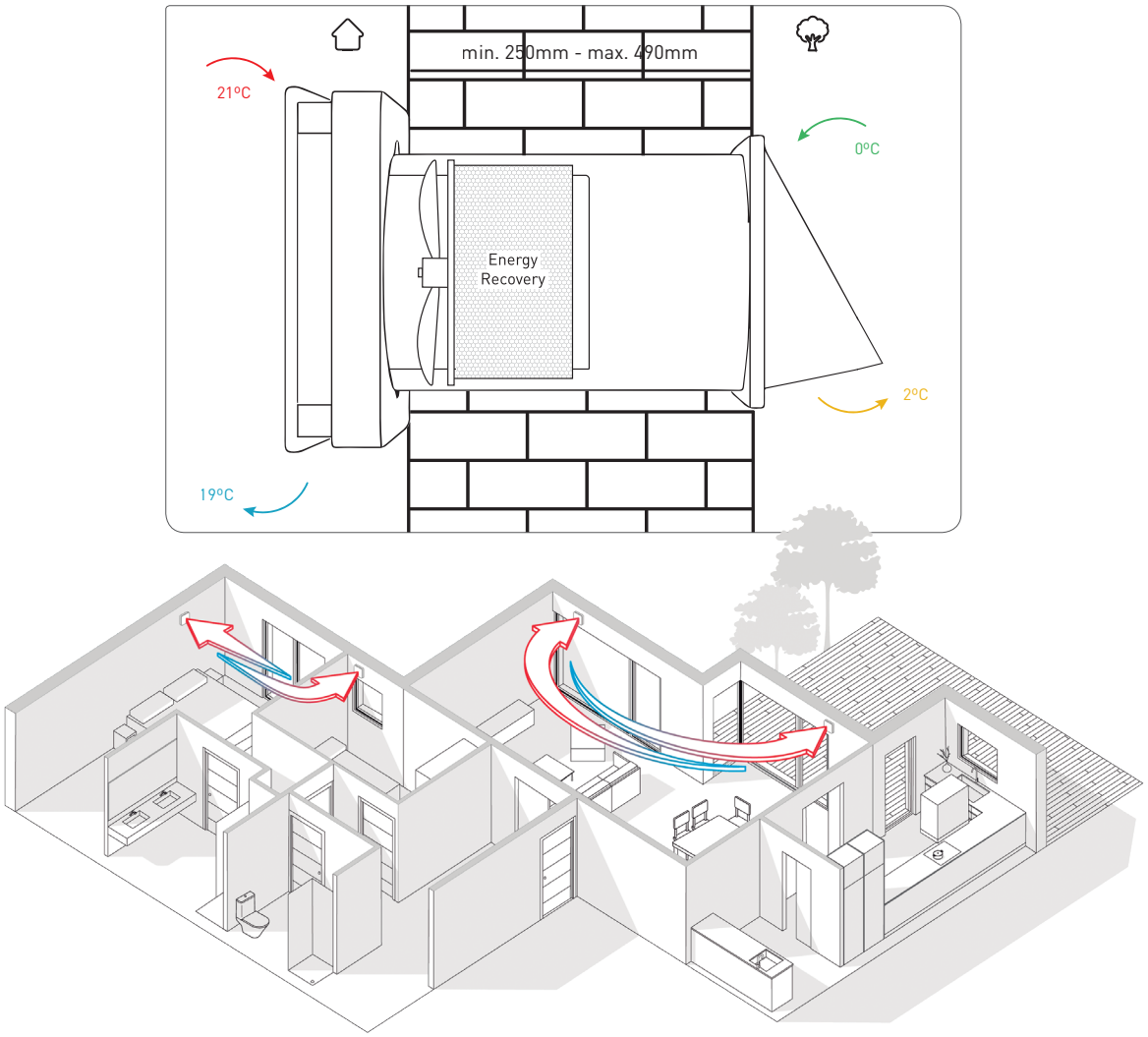
It is essential to check that the electrical characteristics (voltage, current, frequency, etc.) which appear on the plaque are compatible with those of the installation.

Model	Speed (m/s)	Airflow (m^3/h)	Absorbed power (W)	Sound pressure level at 2 m (dB(A))	Energy recovery (%)
NARAH 160 RT	1	15	0,95	13	95
	2	30	1,6	22	87
	3	45	2,4	29	82
	4	60	3,4	34	78

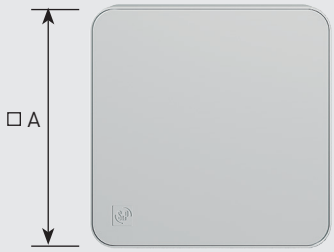
Data measured according to EN 13141-8.

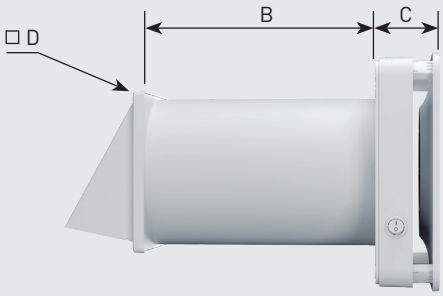
OPERATING PRINCIPLE

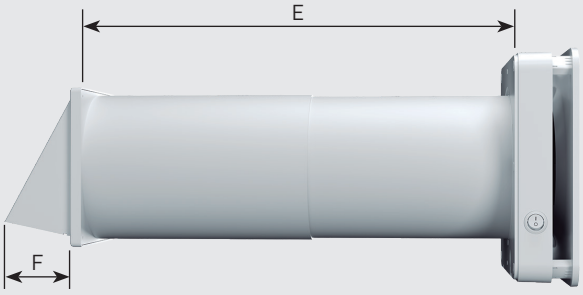
We recommend installing NARAH units in pairs: one supplying fresh air and the other extracting stale air. This setup prevents indoor pressure imbalances. Wireless synchronization simplifies both installation and commissioning.



DIMENSIONS (mm)







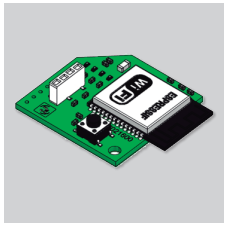
Model	A	B	C	D	E	F
NARAH 160 RT	236	250	65	170	490	90

ELECTRICAL ACCESSORIES

AIRSENS RF.2 RH
Intelligent humidity sensor for controlled ventilation demand.

AIRSENS RF.2 CO2
CO_2 air quality sensor for demand controlled ventilation.

AIRSENS RF.2 VOC
Air quality VOC sensor for demand controlled ventilation.



SPCM NARAH
Communication module.

BOOST-RF.2
BOOST radio frequency button.