

# VENTO INHOME



**Reversible Heat and Energy  
Recovery Ventilator**

# VENTO IN HOME

## HEAT RECOVERY SINGLE-ROOM UNITS



up to  
**30** CFM



up to  
**95** %



from  
**0.3** Sones



## FEATURES

Brand new, stylish design of the indoor unit.

Built-in light sensor controls the brightness of the control panel LEDs and activates night mode automatically.

Efficient supply and exhaust single-room ventilation up to 30 CFM.

High efficiency (up to 95 %) heat recovery to reduce energy costs.

Operation within a network guarantees balanced ventilation.

Communication between several ventilators for coordinated operation.

Integrated humidity sensor or connection to external sensor for comfortable microclimate.

Integrated automatic air shutters.

Silent operation from 0.3 Sones.

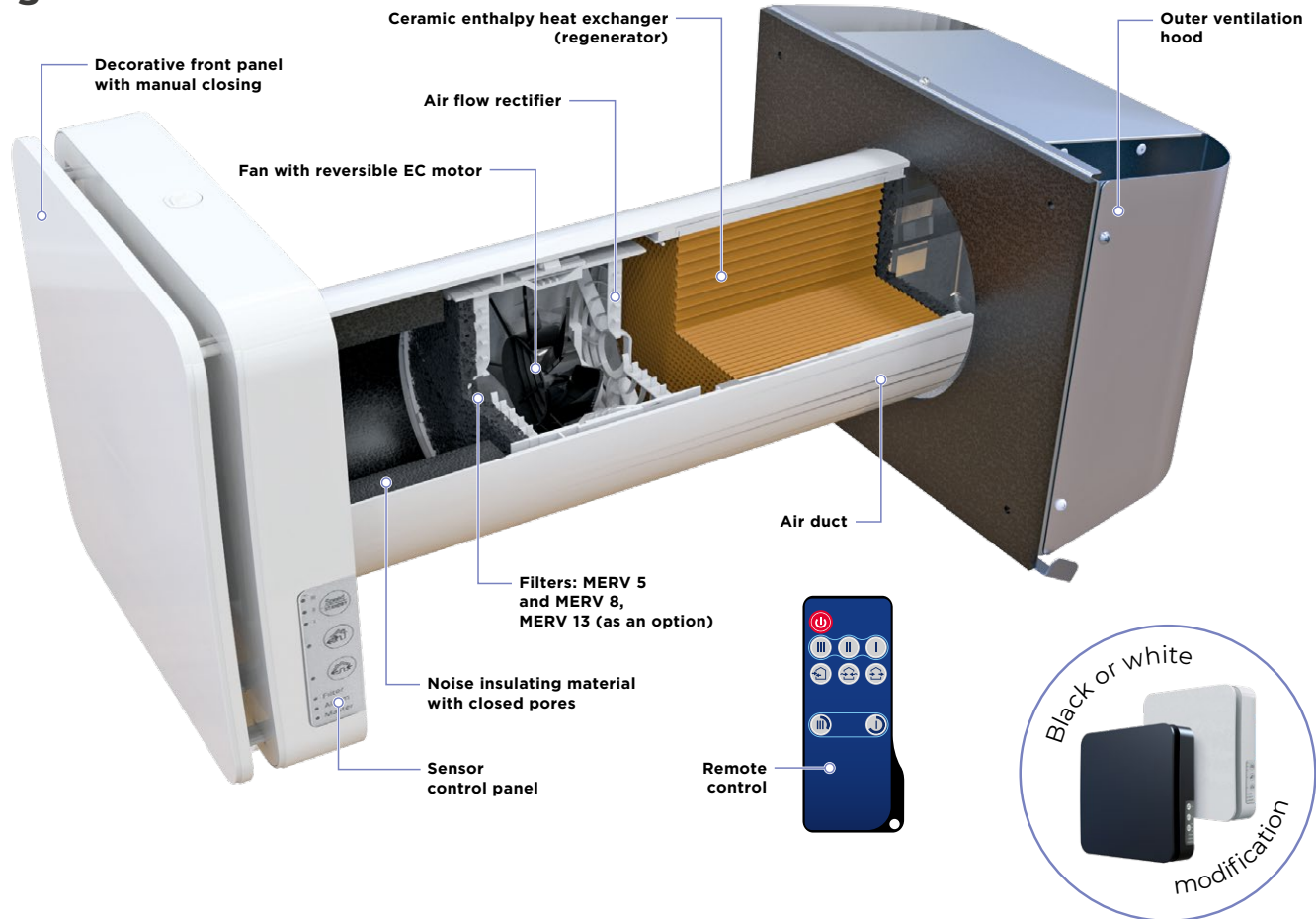
Easy mounting and maintenance.

Air cleaning with total MERV 5 class filters (optionally MERV 8, MERV 13 filters).

Rated for continuous operation.

Frost- and condensate-free.

## Design



One of the best heat recovery efficiency on the market due to innovative hexagonal structure of the heat exchanger cells



Built-in Wi-Fi for wireless communication between units and Android or iOS device control



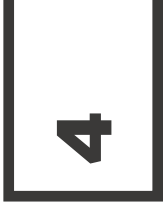
Integrated automatic air shutters prevent air back drafting. The specially designed decorative front panel can be closed manually to ensure air tightness and protect against wind impact



Easy maintenance. Indoor unit is opened by pressing the latches on both sides.

## Designation key

Model	Control	Air duct	Ventilation hood type	Front panel
<b>Vento inHome</b>	<p><b>_</b>: control of the unit operation mode is performed by means of sensor control panel located on the unit casing or a remote controller</p> <p><b>W</b>: control of the unit operation mode is performed by means of sensor control panel located on the unit casing, remote controller or mobile application via Wi-Fi</p>	<p><b>_</b>: integrated automatic air shutters</p> <p><b>M</b>: without integrated automatic air shutters</p>	<p><b>_</b>: white plastic hood AH-10 white 160 (for standard walls)</p> <p><b>S</b>: metal hood (for thin walls)</p>	<p><b>_</b>: white</p> <p><b>BLK</b>: black</p>

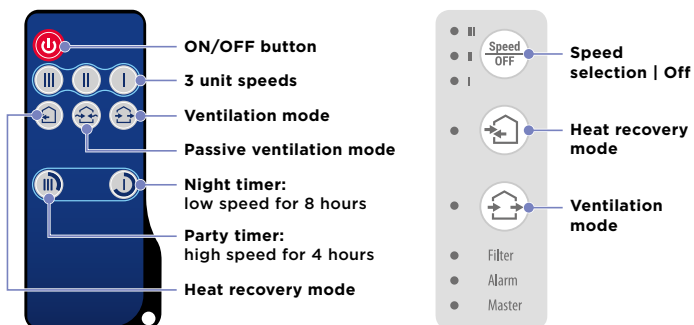
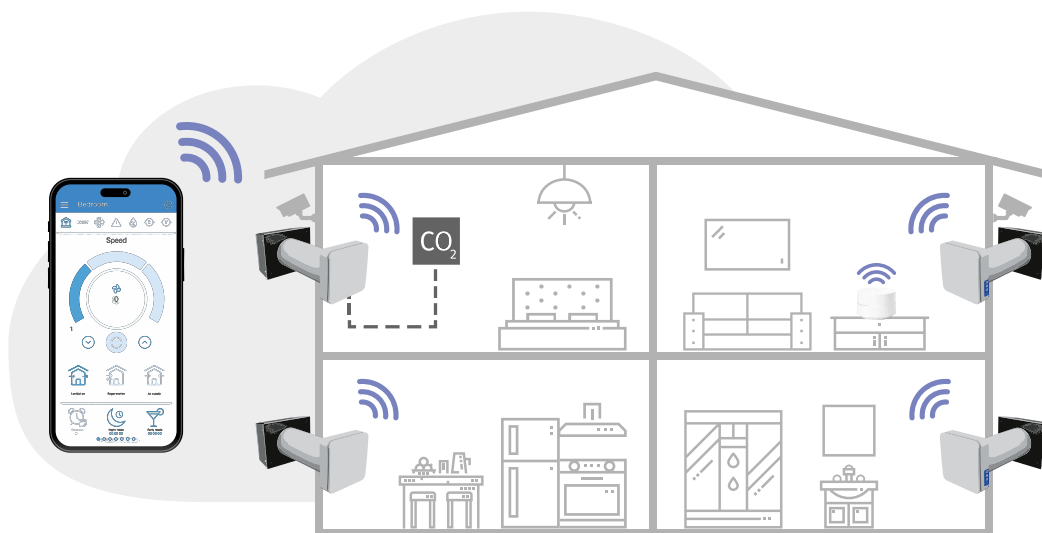
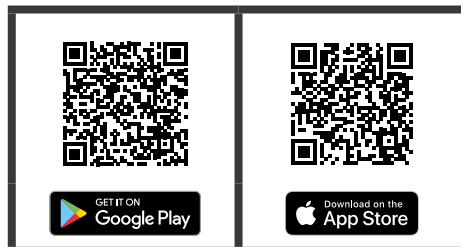


## Control

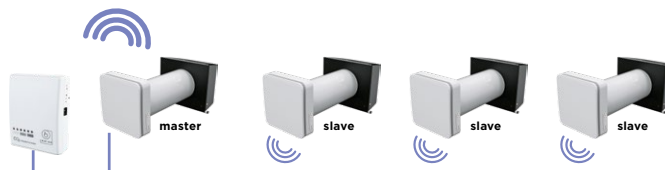
The ventilators can be connected into one network for centralized control. For Wi-Fi versions, units can be connected wirelessly. The signals from the control panel, remote control or smartphone (optional), as well as from the humidity sensor, are received only by the master (main) ventilator.

Control of the unit operation mode is also performed by means of the sensor control panel located on the unit casing or the remote control.

**Blaubeerg Home app** for Android or iOS devices is available at Google Play and App Store.

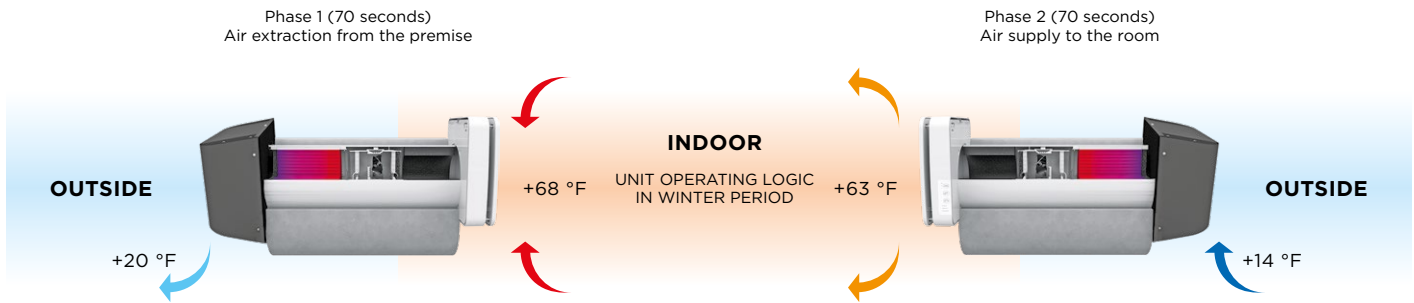


**Vento inHome** is equipped with a humidity sensor for indoor humidity control. If humidity increases above a set point, the unit boosts to the speed III.



Vento inHome

## Energy Recovery



Warm stale air is extracted from the premise, flows through the ceramic regenerator and transfers its heat energy and moisture to it.

As the ceramic regenerator gets warmed up, the unit switches to the supply mode.

Clean cold intake air flows through the regenerator and absorbs accumulated heat and humidity.

When the ceramic regenerator is cooled down, the unit switches to the extract air mode.

## Mounting

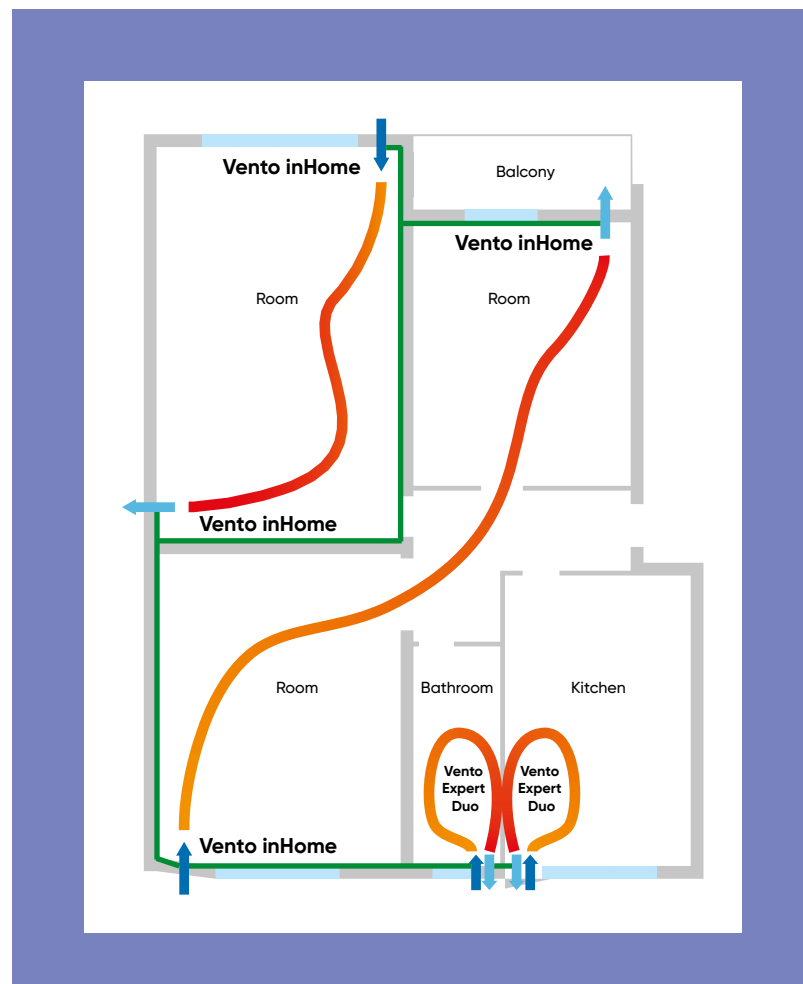
The unit is designed for through-the-wall installation inside a prepared hole in an outer wall of the building.

The best ventilation solution is pairwise installation of reverse phase connected units. Some units ensure supply of fresh air to the room and the other units extract air from the premise. This way the most efficient balanced ventilation is arranged.

In case of brand new construction, units are mounted in two stages:

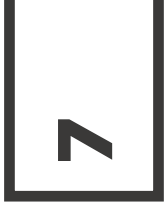
**Pre-installation** at the stage of the indoor finishing and outer decorative wall finishing. It includes installation of an air duct, an outer ventilation hood and cable installation.

**Final mounting** before commissioning of a house. It includes installation of a regenerator with a fan and filters and mounting and wiring of an indoor unit with a 3 controller and shutters.



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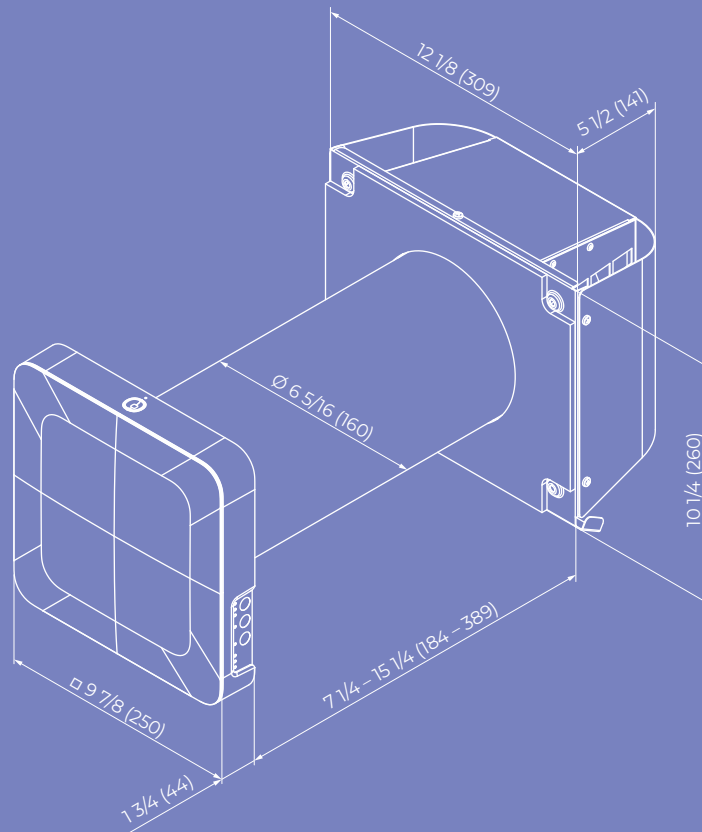




## Technical data

Model	Vento inHome		
Speed	1	2	3
Supply voltage, 50/60 Hz [V]	1-100-240		
Power [W]	1.10	2.00	3.40
Max. current consumption [A]	0.03	0.04	0.05
Air flow in ventilation mode [CFM]	9	21	30
Air flow in regeneration mode [CFM]	4	9	15
RPM	800	1300	1900
Sound [Sones]	0.6	1.2	1.8
Noise attenuation according to DIN EN ISO 10140-2: 2010 [Sones]	3		
Indoor/outdoor airtightness classification of the complete unit in accordance with EN 13141-8	D1		
Transported air temperature [°F (°C)]	-4...104 (-20...+40)		
Recovery efficiency according to EN 13141-8-2022 [%]	≤ 95		
Ingress Protection	IP24		

## Overall Dimensions [in (mm)]





**[www.blauberg-na.com](http://www.blauberg-na.com)**

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