VENTO INHOME PLUS

HEAT RECOVERY SINGLE-ROOM UNITS

Features

- Engineered for the premium segment, the new Inhome recuperator model combines an upgraded airflow capacity of up to 60 m³/h with a highly reliable, high-performance thermal cartridge.
- With interchangeable textile covers and a premium solid black body, the stylish new indoor unit is designed to complement any interior perfectly
- Built-in light sensor controls the brightness of the control panel LEDs and activates night mode automatically.
- Built-in humidity sensor allows unit to automatically select the mode, control the humidity level and prevents mold growth.

Air flow:
up to 60 m³/h
16.6 l/s

Heat recovery efficiency:
up to 95 %

Power: from 1.0 W
SFP: from 0.62 W/l/s

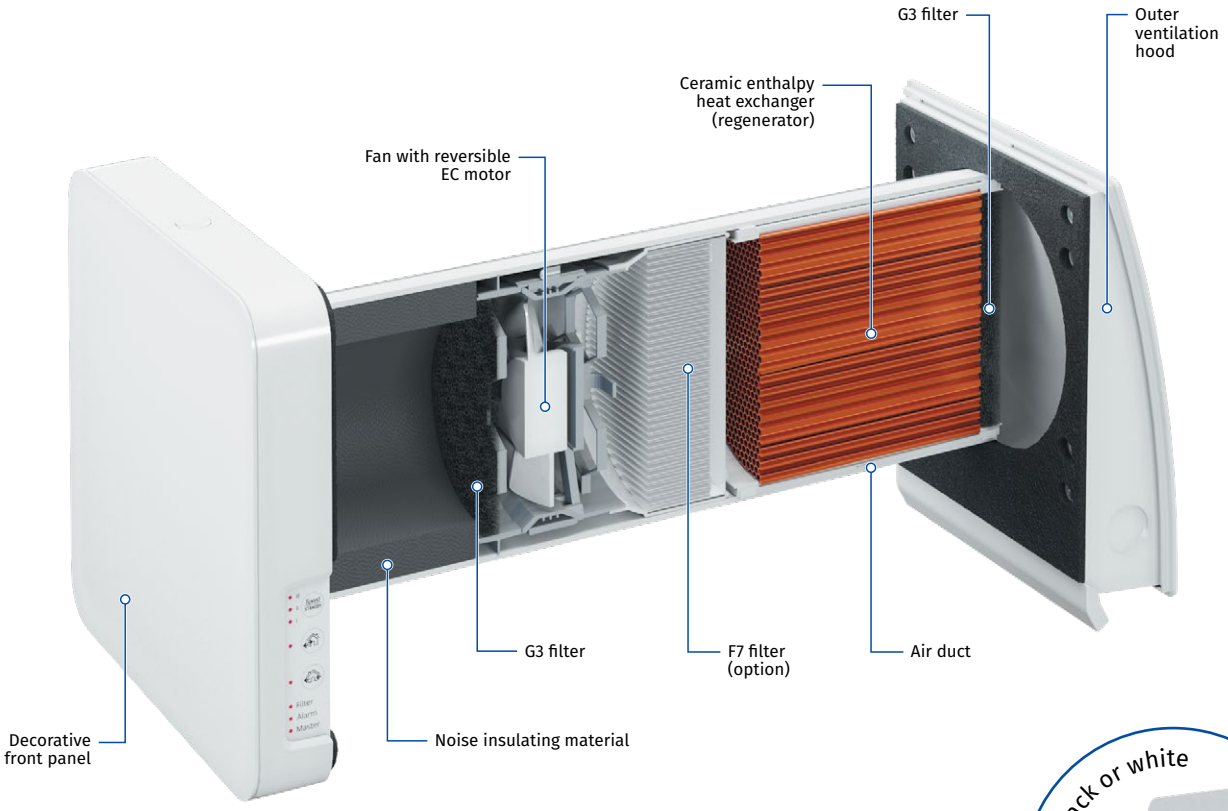
Noise level:
from 12 dBA

EC motor

ErP 2018



Design







The fan is off
(the shutters are closed)



The fan is on
(the shutters are opened)

VENTO INHOME PLUS

HEAT RECOVERY SINGLE-ROOM UNITS

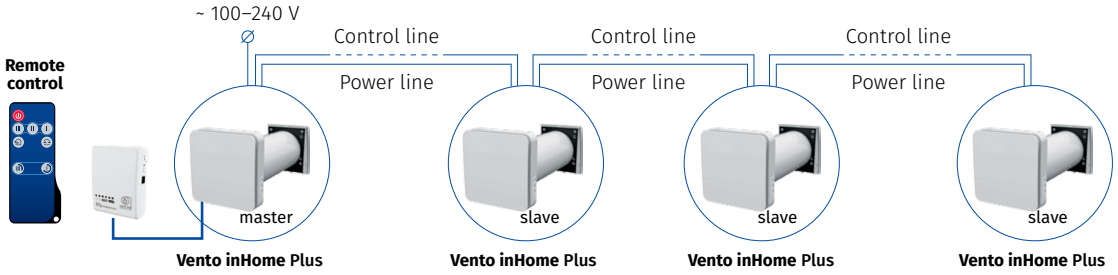
- Silent operation, making it perfect for living spaces.
- High efficiency (up to 95 %) heat recovery to reduce energy costs and helps you save on heating and air conditioning.
- Low power consumption, making **Vento inHome Plus** suitable for continuous operation without significantly impacting energy bills.
- Remote management through a remote control.
- Easy to mount through external walls without the need for complex ducting.
- Operation within a network guarantees balanced ventilation.
- Higher degree of supply air purification can be achieved with an ISO ePM1 60% (F7) filter (optional).
- Possibility to connect external sensors.
- Equipped with an automatic shutter to prevent undesired external entry when turned off (optional).

Designation key

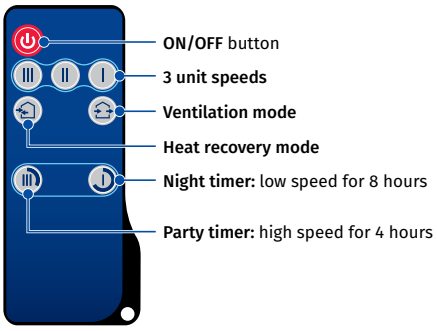
Model	Control	Air duct	Ventilation hood type	Front panel
Vento inHome Plus: Premium high-performance model	**_:** control of the unit operation mode is performed by means of sensor control panel located on the unit casing or a remote controller **W:** control of the unit operation mode is performed by means of sensor control panel located on the unit casing, remote controller or mobile application via Wi-Fi	**_:** integrated automatic air shutters **M:** without integrated automatic air shutters	**_:** white plastic hood AH-11 white 160 (for standard walls) **S10:** white plastic hood AH-10 white 160 (for standard walls) **S:** metal hood (for thin walls)	**_:** white **BLK:** black

Control

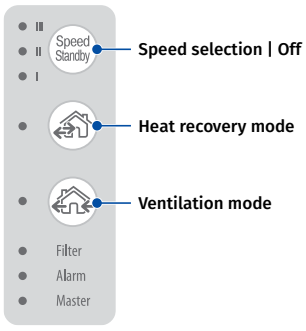
- The ventilators can be connected into one network for centralized control. The signals from the control panel, remote control, as well as from the humidity sensor, are received only by the master (main) ventilator.



- 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.



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

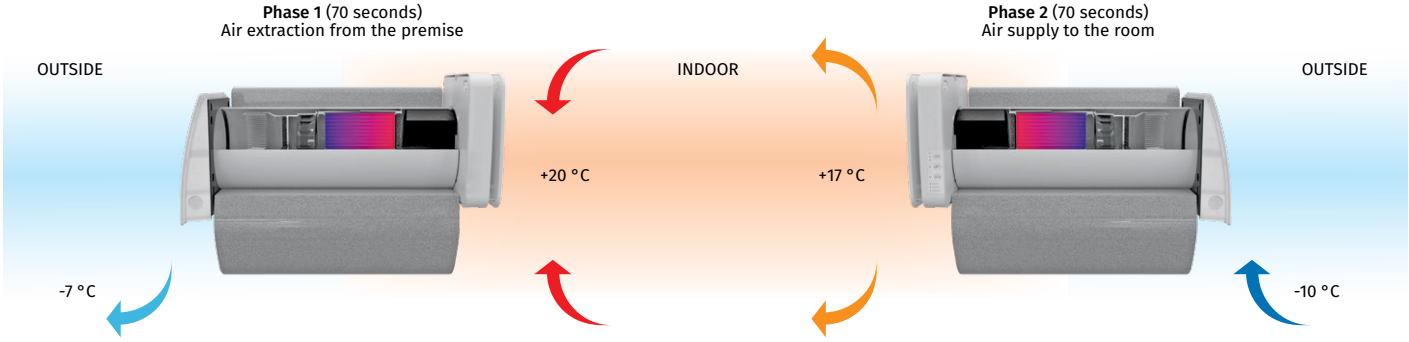


VENTO INHOME PLUS

HEAT RECOVERY SINGLE-ROOM UNITS

Energy recovery

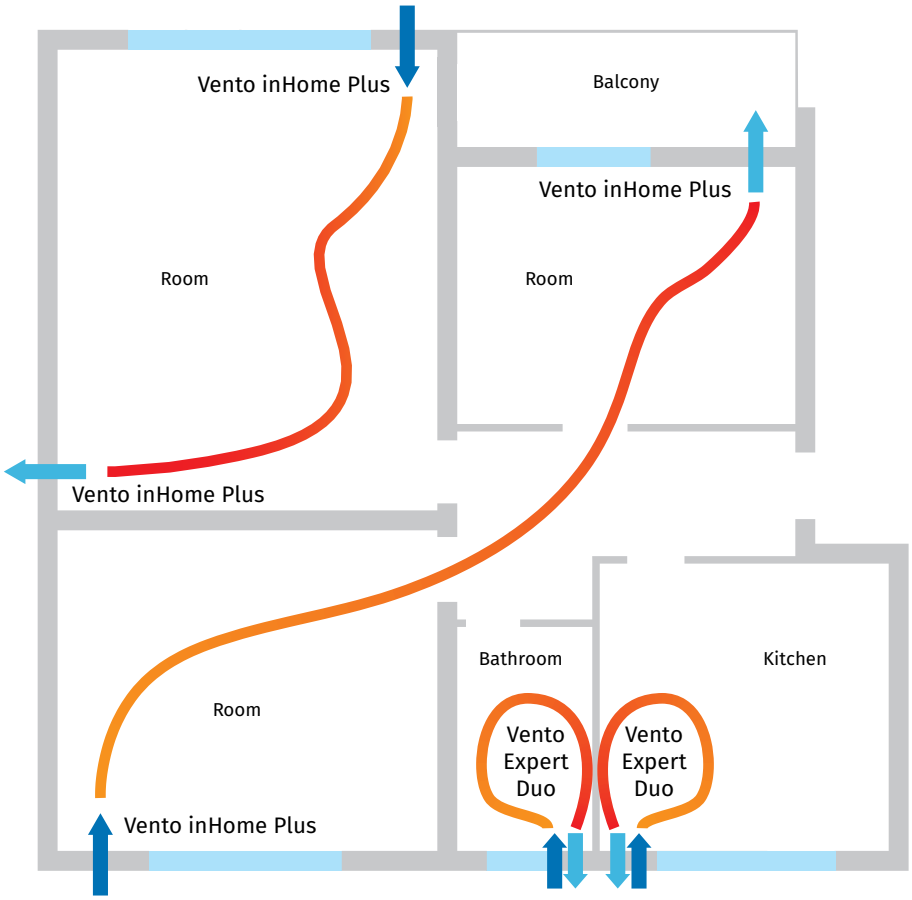
UNIT OPERATING LOGIC IN WINTER PERIOD



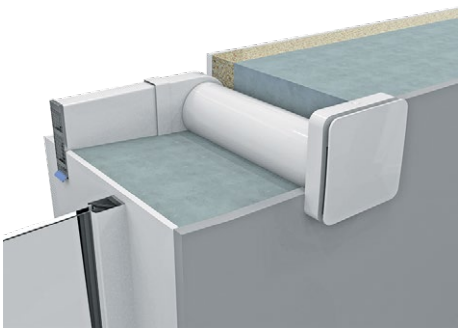
- Warm stale air is extracted from the premise, flows through the ceramic heat exchanger and transfers its heat and moisture to it.
- As the ceramic heat exchanger gets warmed up, the unit switches to the supply mode.
- Clean cold intake air flows through the heat exchanger and absorbs accumulated heat and humidity.
- When the heat exchanger 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 synchronized 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 of an air duct and an outer ventilation hood at the stage of indoor finishing and outer decorative wall finishing.
  - Completion of the installation before commissioning of a house. It includes installation of the indoor unit with controller and shutters the cartridge, the heat exchanger, the fan and the filters.



Angular mounting into a wallwith standard thickness using **KIT BlauPlast white 160 / KIT BlauPlast chrome 160**

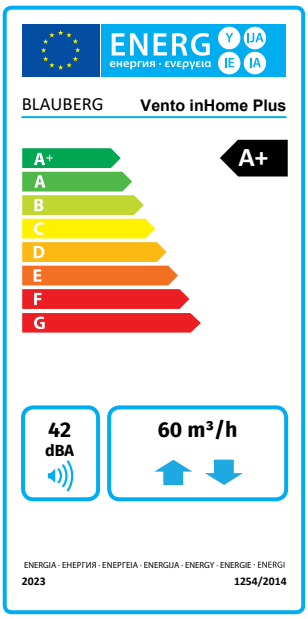


VENTO INHOME PLUS

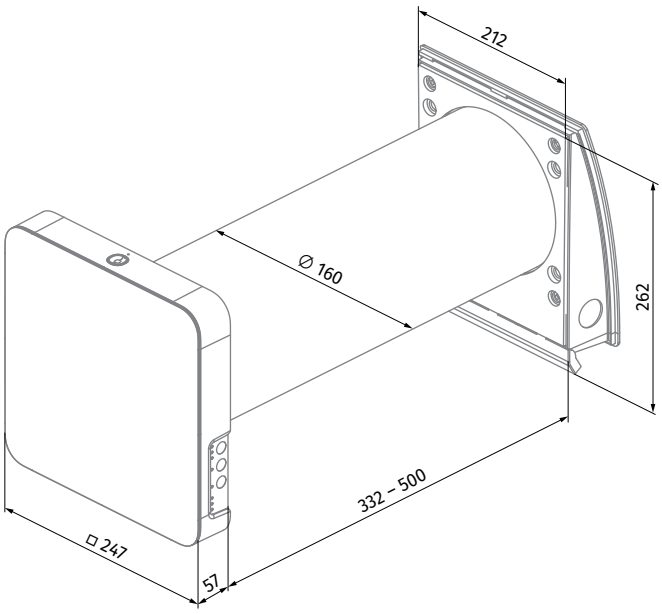
HEAT RECOVERY SINGLE-ROOM UNITS

Technical data

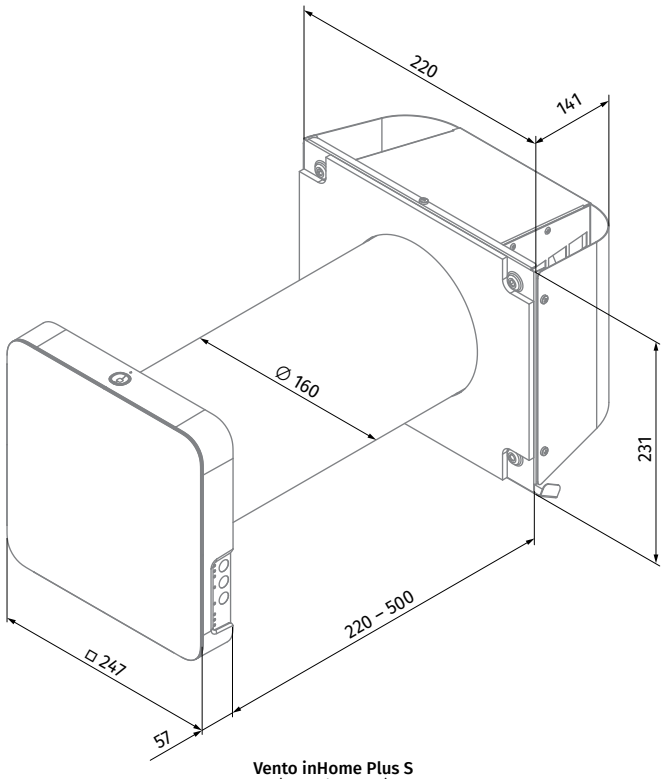
Parameters	Vento inHome Plus		
Speed	I	II	III
Voltage [V / 50 (60) Hz]		100–240	
Power [W]	2.00	3.20	5.00
Current [A]	0.03	0.04	0.05
Air flow in ventilation mode [m³/h (l/s)]	15 (4)	40 (11)	60 (17)
Air flow in energy recovery mode [m³/h (l/s)]	8 (2)	20 (6)	30 (8)
SFP [W/l/s]	0.48	0.29	0.30
Filter	ISO Coarse >50% (G3) (ISO Coarse >60% (G4), ISO ePM1 60% (F7) optional)		
Transported air temperature [°C]	-20...+40		
Sound pressure level at 1 m distance [dBA]	21	32	41
Sound pressure level at 3 m distance [dBA]	12	22	31
Outdoor sound pressure attenuation in accordance with DIN EN 20140 [dBA]	40 / 44		
Heat recovery efficiency	up to 95 %		
Protection class	IP24		



Dimensions [mm]



Vento inHome Plus



Vento inHome Plus S
(for thin walls)

VENTO INHOME PLUS

HEAT RECOVERY SINGLE-ROOM UNITS

Accessories

Vento inHome Plus		Description
Pre-installation Kit Vento inHome Plus		Pre-installation kit for mounting into walls with standard thickness. Includes: • Air duct • AH-11 white 160 outer ventilation hood • Polystyrene foam plug • Polystyrene foam wedges
Pre-installation Kit Vento inHome Plus S		Pre-installation kit for mounting into thin walls. Includes: • Air duct • AH-S chrome 160 outer ventilation hood • Polystyrene foam plug • Polystyrene foam wedges
Completion Kit Vento inHome Plus		Final mounting kit. Includes: • Cartridge with a heat exchanger, a fan and G3 filters • Indoor unit with a controller and shutters • Remote control
FP2 Vento G3		G3 filters (2 pcs.)
FP2 Vento G4		Coarse filter. Includes: • Plastic filter holder (1 pc.) • G4 filter (1 pc.).
FPC 150x50 G4		G4 coarse filter
FP2 Vento F7		Filter set. Includes: • Plastic filter holder (1 pc.) • F7 fine filter (1 pc.). Filtration rate PM2.5 > 70 %
FPC 150x50 F7		F7 fine filter. Filtration rate PM2.5 > 70 %
AH-8 white 160		White painted aluminium outer ventilation hood with frost protection for a cold climate
AH-8 chrome 160		Brushed stainless steel outer ventilation hood with frost protection for a cold climate
AH-10 *colour* 160		Plastic outer ventilation hood. Available in colours: white, black, grey, terra-cotta, brown, vintage
AH-10 chrome 160		Plastic outer ventilation hood with a plate with brushed stainless steel effect finish
AH-11 *colour* 160		Plastic outer ventilation hood. Available in colours: white, black, anthracite grey, grey, terracotta, vintage

VENTO INHOME PLUS

HEAT RECOVERY SINGLE-ROOM UNITS

Vento inHome Plus		Description
AH-S white 160		Stainless steel ventilation hood, painted white
AH-S chrome 160		Brushed stainless steel ventilation hood
AH-17 *colour*		Plastic outer ventilation hood. Available in colours: white, black, anthracite grey
PP 160/0.5		Outer ventilation hood for mounting from inside
KIT BlauPlast white 160		Kit for angular mounting with white colour grille (for walls with standard thickness)
KIT BlauPlast chrome 160		Kit for angular mounting with stainless steel outer grille (for walls with standard thickness)
R 160-500		500 mm air duct and polystyrene foam plug
R 160-700		700 mm air duct and polystyrene foam plug
FB Vento Expert A50		Remote control
CD-1		CO_2 sensor with LED CO_2 indication and a sensor button for operation mode selection
CD-2		CO_2 sensor
Deco Design Edition *colour*		Decorative textile cover (1 pc.). Available in colours: grey, silver, cream, violet, beige-pink, black, blue
Deco Design Edition Fabric Set		Set of covers in 7 colors

VENTO INHOME PLUS W

HEAT RECOVERY SINGLE-ROOM UNITS

Features

- Engineered for the premium segment, the new Inhome recuperator model combines an upgraded airflow capacity of up to 60 m³/h with a highly reliable, high-performance thermal cartridge.
- With interchangeable textile covers and a premium solid black body, the stylish new indoor unit is designed to complement any interior perfectly.
- Built-in light sensor controls the brightness of the control panel LEDs and activates night mode automatically.
- Built-in humidity sensor allows unit to automatically select the mode, control the humidity level and prevents mold growth.

Air flow:
up to 60 m³/h
16.6 l/s

Heat recovery efficiency:
up to 95 %

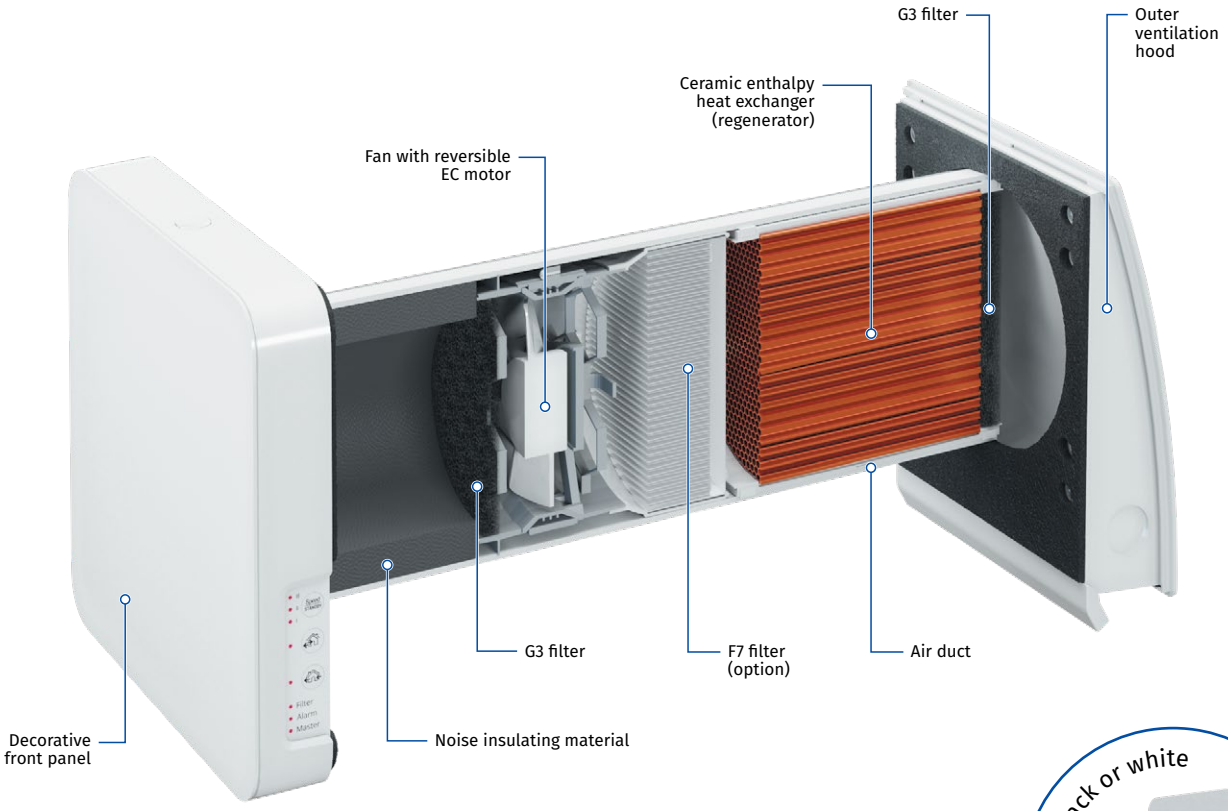
Power: from 1.0 W
SFP: from 0.62 W/l/s

Noise level:
from 12 dBA



EC motor · ErP 2018 · Wi Fi READY · works with Hey Google · alexa

Design







The fan is off
(the shutters are closed)



The fan is on
(the shutters are opened)

VENTO INHOME PLUS W

HEAT RECOVERY SINGLE-ROOM UNITS

- Silent operation, making it perfect for living spaces.
- High efficiency (up to 95 %) heat recovery to reduce energy costs and helps you save on heating and air conditioning.
- Low power consumption, making **Vento inHome Plus W** suitable for continuous operation without significantly impacting energy bills.
- No wires are needed to connect units into a one system.
- Remote management through a remote control or smartphone.
- Easy to mount through external walls without the need for complex ducting.
- Operation within a network guarantees balanced ventilation.
- Higher degree of supply air purification can be achieved with an ISO ePM1 60% (F7) filter (optional).
- Possibility to connect external sensors.
- Equipped with an automatic shutter to prevent undesired external entry when turned off (optional).

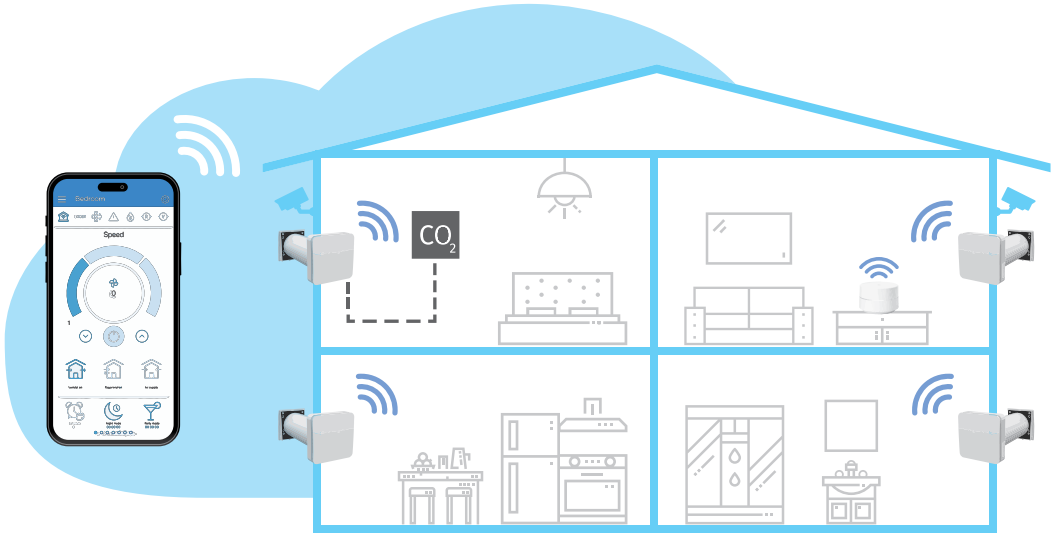
Designation key

Model	Control	Air duct	Ventilation hood type	Front panel
Vento inHome Plus: Premium high-performance model	**_:** control of the unit operation mode is performed by means of sensor control panel located on the unit casing or a remote controller **W:** 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	**_:** integrated automatic air shutters **M:** without integrated automatic air shutters	**_:** white plastic hood AH-11 white 160 (for standard walls) **S10:** white plastic hood AH-10 white 160 (for standard walls) **S:** metal hood (for thin walls)	**_:** white **BLK:** black

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.





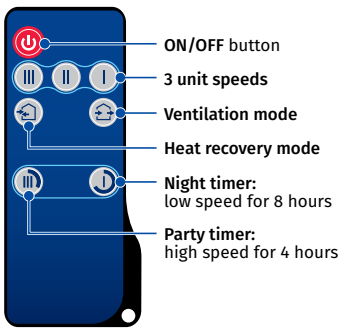


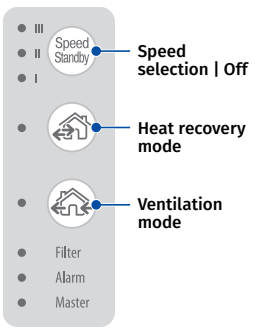
- **Blauberg Home** app for Android or iOS devices is available at Google Play and App Store.

GET IT ON Google Play

Download on the App Store

- 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.





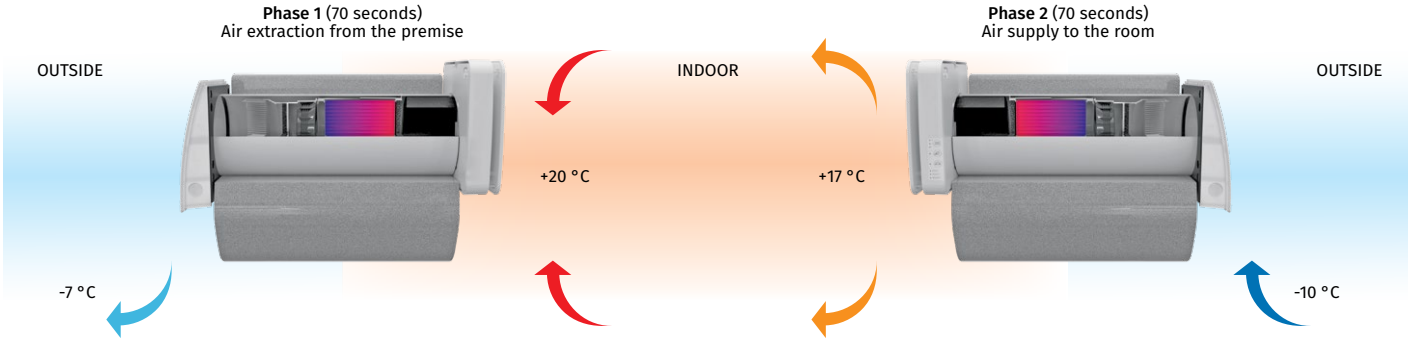
- **Vento inHome Plus W** is equipped with a humidity sensor for indoor humidity control. If humidity increases above a set point, the unit boosts to the speed III.

VENTO INHOME PLUS W

HEAT RECOVERY SINGLE-ROOM UNITS

Energy recovery

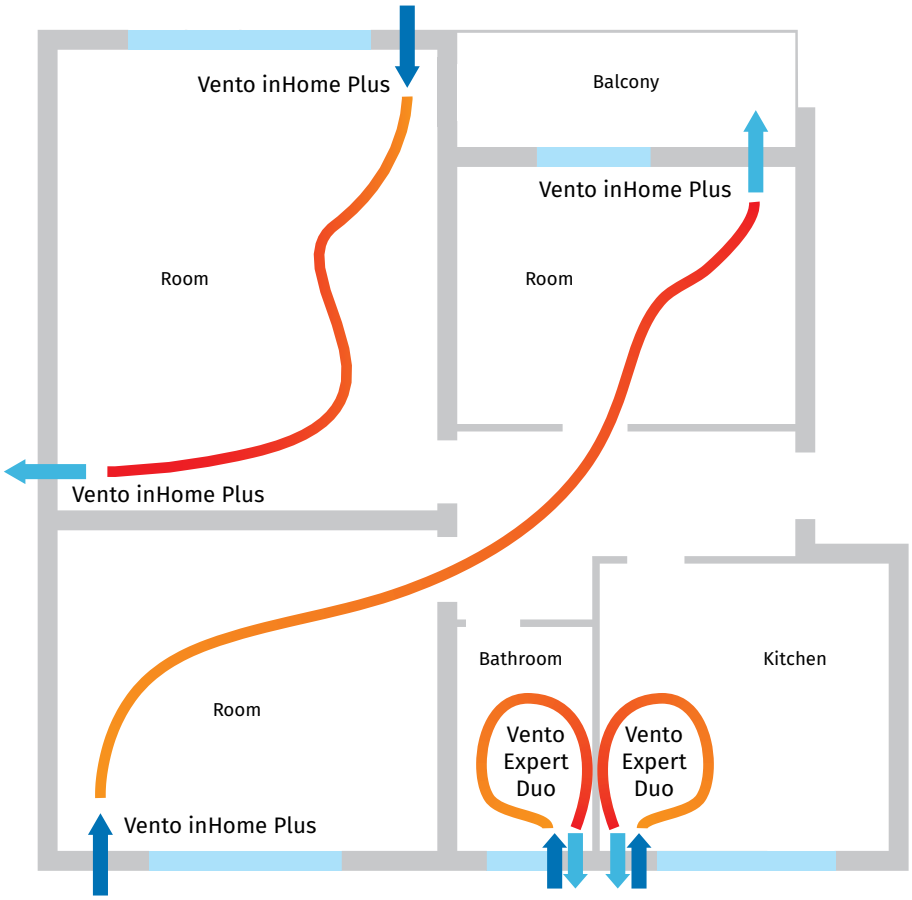
UNIT OPERATING LOGIC IN WINTER PERIOD



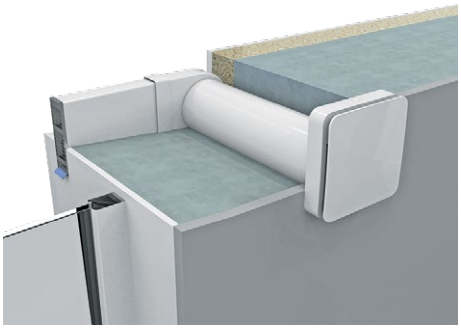
- Warm stale air is extracted from the premise, flows through the ceramic heat exchanger and transfers its heat and moisture to it.
- As the ceramic heat exchanger gets warmed up, the unit switches to the supply mode.
- Clean cold intake air flows through the heat exchanger and absorbs accumulated heat and humidity.
- When the heat exchanger 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 synchronized 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 of an air duct and an outer ventilation hood at the stage of indoor finishing and outer decorative wall finishing.
  - Completion of the installation before commissioning of a house. It includes installation of the indoor unit with controller and shutters the cartridge, the heat exchanger, the fan and the filters.



Angular mounting into a wallwith standard thickness using **KIT BlauPlast white 160 / KIT BlauPlast chrome 160**

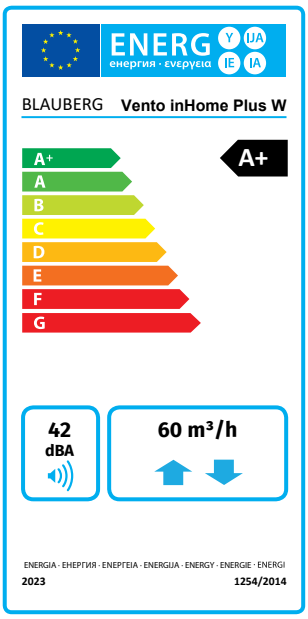


VENTO INHOME PLUS W

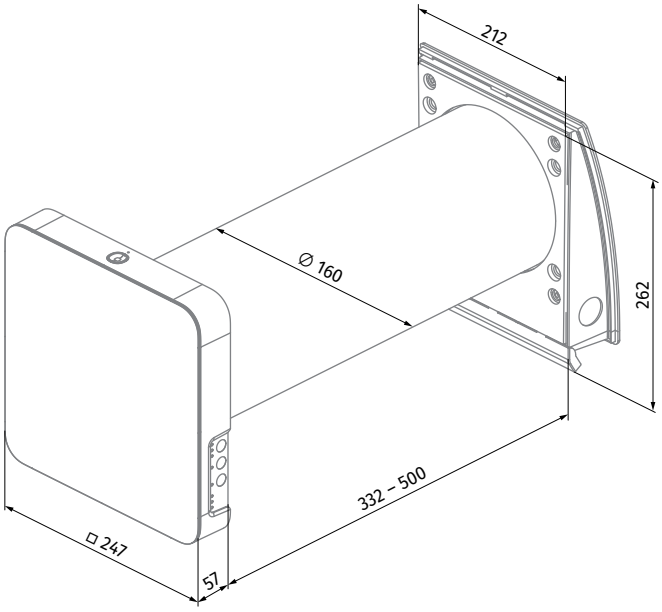
HEAT RECOVERY SINGLE-ROOM UNITS

Technical data

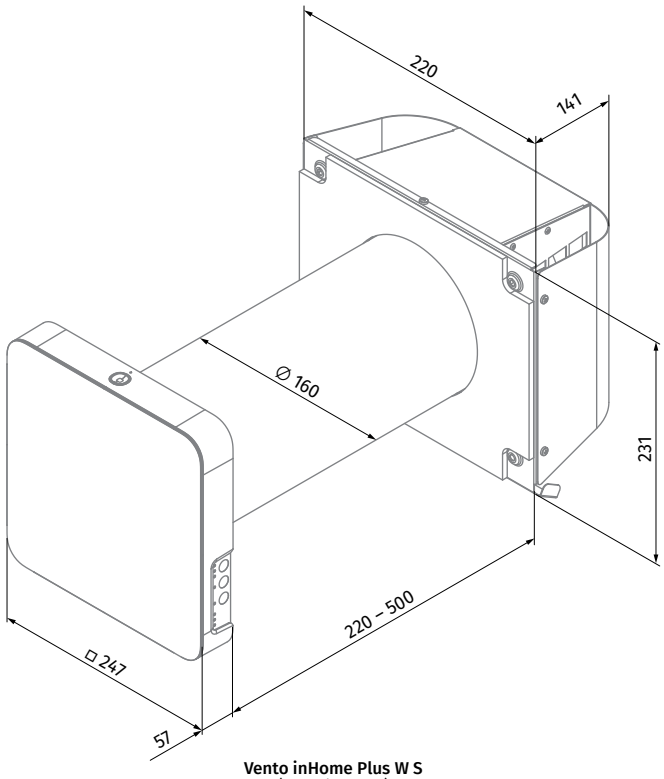
Parameters	Vento inHome Plus W		
Speed	I	II	III
Voltage [V / 50 (60) Hz]		100–240	
Power [W]	2.00	3.20	5.00
Current [A]	0.03	0.04	0.05
Air flow in ventilation mode [m³/h (l/s)]	15 (4)	40 (11)	60 (17)
Air flow in energy recovery mode [m³/h (l/s)]	8 (2)	20 (6)	30 (8)
SFP [W/l/s]	0.48	0.29	0.30
Filter	ISO Coarse >50% (G3) (ISO Coarse >60% (G4), ISO ePM1 60% (F7) optional)		
Transported air temperature [°C]	-20...+40		
Sound pressure level at 1 m distance [dBA]	21	32	41
Sound pressure level at 3 m distance [dBA]	12	22	31
Outdoor sound pressure attenuation in accordance with DIN EN 20140 [dBA]	40 / 44		
Heat recovery efficiency	up to 95 %		
Protection class	IP24		



Dimensions [mm]



Vento inHome Plus W



Vento inHome Plus W S
(for thin walls)

VENTO INHOME PLUS W

HEAT RECOVERY SINGLE-ROOM UNITS

Accessories

Vento inHome Plus W		Description
Pre-installation Kit Vento inHome Plus		Pre-installation kit for mounting into walls with standard thickness. Includes: • Air duct • AH-11 white 160 outer ventilation hood • Polystyrene foam plug • Polystyrene foam wedges
Pre-installation Kit Vento inHome Plus S		Pre-installation kit for mounting into thin walls. Includes: • Air duct • AH-S chrome 160 outer ventilation hood • Polystyrene foam plug • Polystyrene foam wedges
Completion Kit Vento inHome Plus		Final mounting kit. Includes: • Cartridge with a heat exchanger, a fan and G3 filters • Indoor unit with a controller and shutters • Remote control
FP2 Vento G3		G3 filters (2 pcs.)
FP2 Vento G4		Coarse filter. Includes: • Plastic filter holder (1 pc.) • G4 filter (1 pc.).
FPC 150x50 G4		G4 coarse filter
FP2 Vento F7		Filter set. Includes: • Plastic filter holder (1 pc.) • F7 fine filter (1 pc.). Filtration rate PM2.5 > 70 %
FPC 150x50 F7		F7 fine filter. Filtration rate PM2.5 > 70 %
AH-8 white 160		White painted aluminium outer ventilation hood with frost protection for a cold climate
AH-8 chrome 160		Brushed stainless steel outer ventilation hood with frost protection for a cold climate
AH-10 *colour* 160		Plastic outer ventilation hood. Available in colours: white, black, grey, terra-cotta, brown, vintage
AH-10 chrome 160		Plastic outer ventilation hood with a plate with brushed stainless steel effect finish
AH-11 *colour* 160		Plastic outer ventilation hood. Available in colours: white, black, anthracite grey, grey, terracotta, vintage

VENTO INHOME PLUS W

HEAT RECOVERY SINGLE-ROOM UNITS

Vento inHome Plus W		Description
AH-S white 160		Stainless steel ventilation hood, painted white
AH-S chrome 160		Brushed stainless steel ventilation hood
AH-17 *colour*		Plastic outer ventilation hood. Available in colours: white, black, anthracite grey
PP 160/0.5		Outer ventilation hood for mounting from inside
KIT BlauPlast white 160		Kit for angular mounting with white colour grille (for walls with standard thickness)
KIT BlauPlast chrome 160		Kit for angular mounting with stainless steel outer grille (for walls with standard thickness)
R 160-500		500 mm air duct and polystyrene foam plug
R 160-700		700 mm air duct and polystyrene foam plug
FB Vento Expert A50		Remote control
CD-1		CO_2 sensor with LED CO_2 indication and a sensor button for operation mode selection
CD-2		CO_2 sensor
Deco Design Edition *colour*		Decorative textile cover (1 pc.). Available in colours: grey, silver, cream, violet, beige-pink, black, blue
Deco Design Edition Fabric Set		Set of covers in 7 colors