



NEW

VENTO Expert DUO A30-1 W

Air capacity – up to 30 m³/h

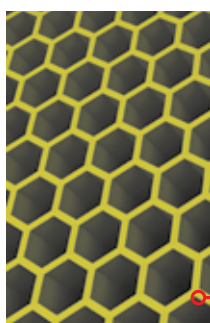
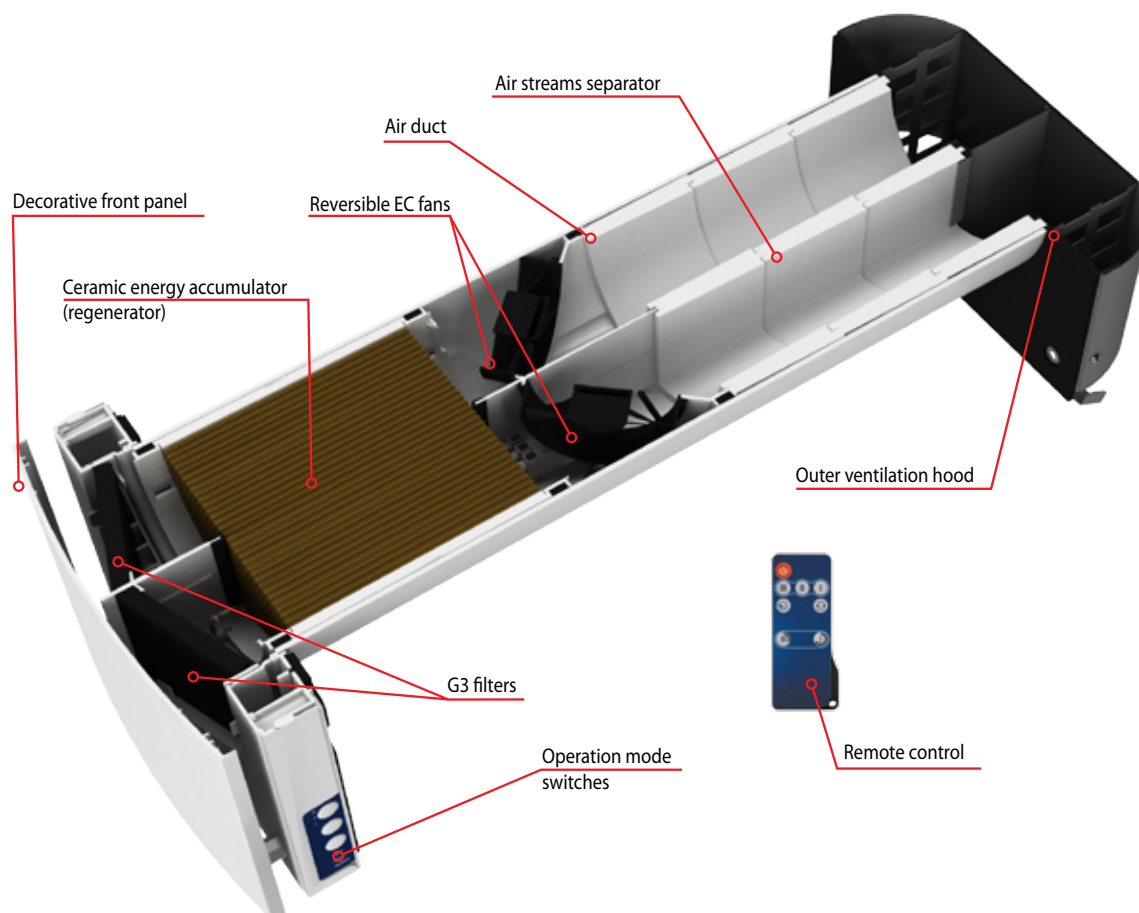
Heat recovery efficiency – up to 85 %



Use

- Arrangement of balanced energy saving, supply and exhaust, single-room ventilation in kitchen, bathroom and utility room.
- Reducing heat losses caused by ventilation due to heat recovery.
- Humidity balance and regulated air exchange create individually controlled microclimate.
- Wi-Fi communication between several single-room ventilation units for coordinated operation.
- Controlled by Android or iOS smartphone or tablet.

Design

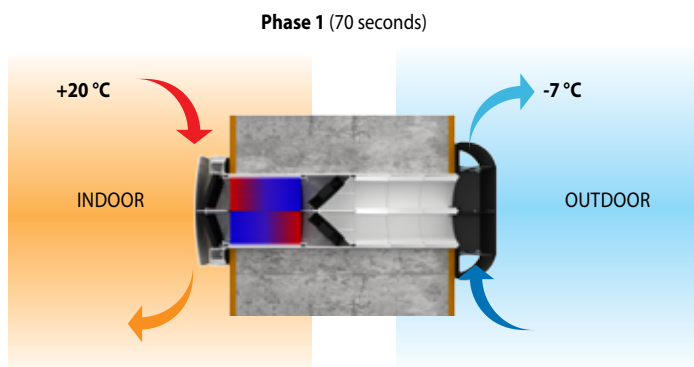


One of the best regeneration efficiency on the market due to innovative hexagonal structure of the heat exchanger cells.

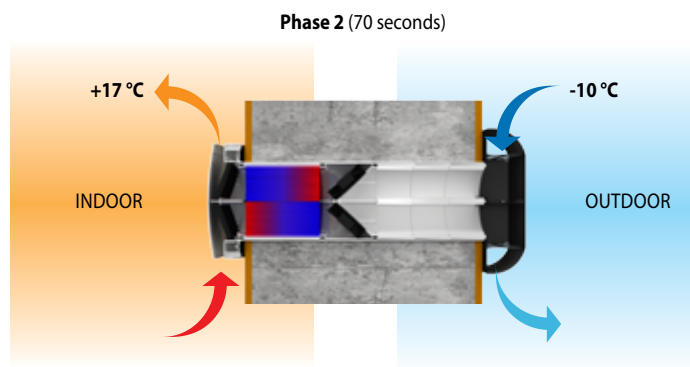


Built-in Wi-Fi for wireless communication between units and Android or IOS device control.

Unit operating logic in winter period



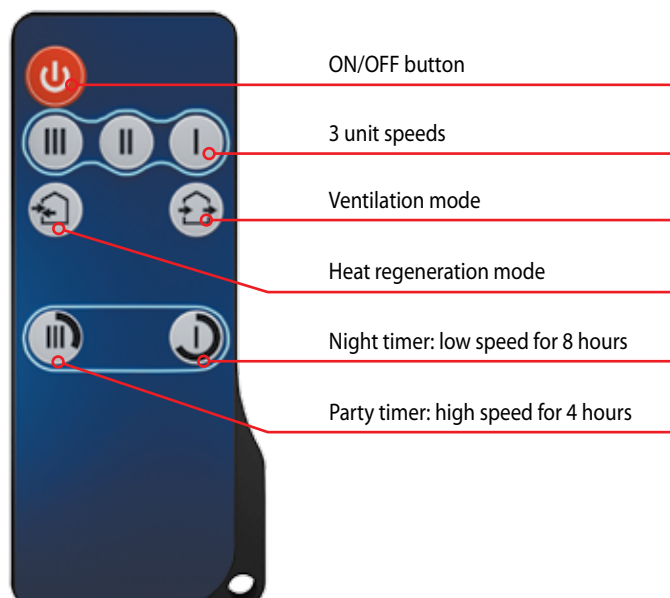
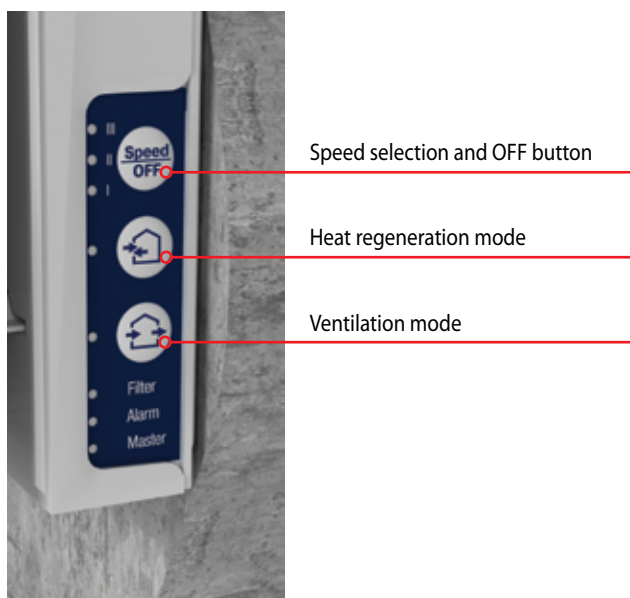
- One fan supplies fresh and cold air from outdoor, which flows through the correspondent part of the ceramic regenerator and absorbs accumulated heat and humidity.
- At the same time, another fan extracts stale and warm air from indoor, that flows through the other part of the ceramic regenerator and transfers heat energy and moisture to it.



- After 70 second of operation, fans change their directions of rotations to the opposite ones, and everything happens vice versa.

Control

- Control of the unit operation mode is performed by means of smartphone, sensor control panel located on the unit casing or a remote controller.



VENTO Expert DUO either can operate as independent unit, or can be wired with other units in a house to be controlled with a master unit. In this case, only the master unit receives a signal from the remote control.

VENTO Expert DUO is equipped with a humidity sensor for indoor humidity control. If humidity will rise higher than set point, than the unit will boost to high speed independently from other units in the system.



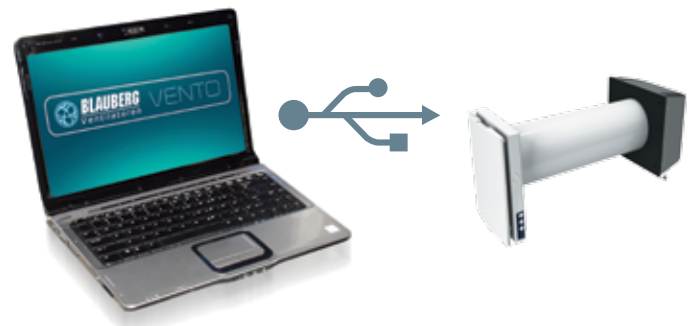
A humidity sensor is built into the unit



An external CO₂ sensor can be connected to the unit



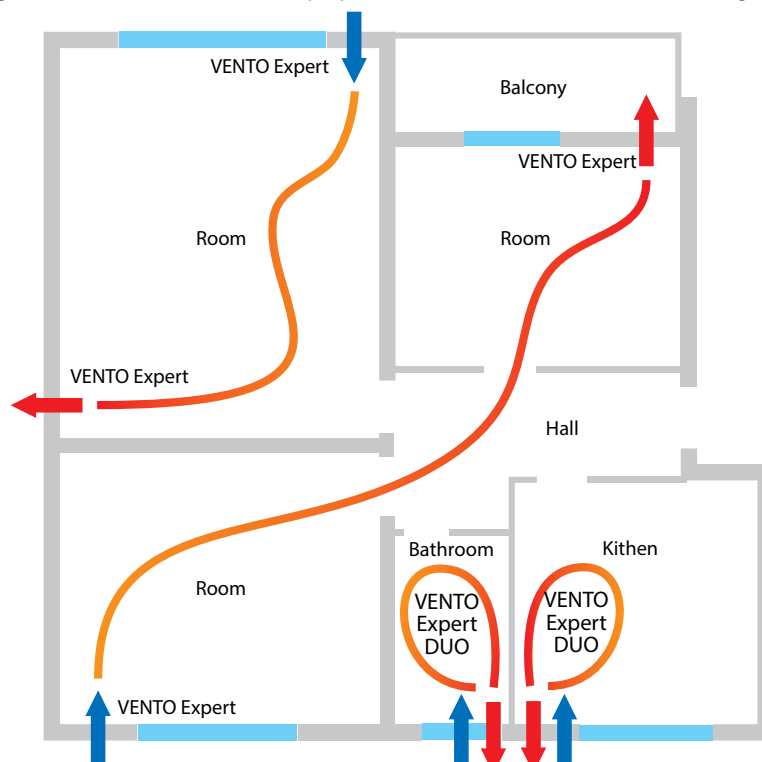
The units can be connected by Wi-Fi. Blauberg VENTO app for Android or iOS devices is available at Google Play and App Store.



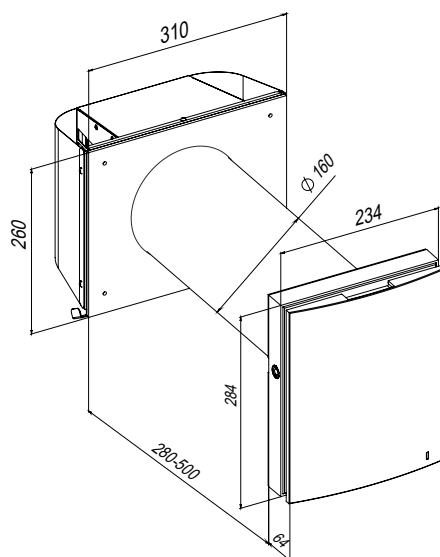
- The VENTO Expert DUO A30-1 W unit can be connected to a laptop for advanced settings:
 - Master or slave
 - Connection through a Wi-Fi router or directly to a smartphone.

■ Mounting

- VENTO Expert A50-1 W units should be installed in the living room and bedrooms while VENTO Expert DUO A30-1 W should be installed in kitchen, bathrooms and utility room.
- The unit is designed for through-the-wall installation inside a prepared hole in an outer wall of the building.



Overall dimensions



VENTO Expert DUO A30-1 W

Technical data

Parameter	VENTO EXPERT DUO A30-1 W		
Speed	1	2	3
Voltage / 50-60 Hz [V]	100-240		
Power [W]	2.17	3.66	6.62
Current [A]	0.026	0.039	0.066
RPM [min ⁻¹]	1600	2200	2500
Air capacity [m ³ /h]	10	20	30
Filter	G3 (F8 PM2.5 > 75 % option)		
Temperature of transported air [°C]	-30...+50		
Noise level @ 1 m [dB(A)]	33	40	43
Noise level @ 3 m [dB(A)]	24	31	34
Outdoor sound pressure attenuation [dB(A)] in accordance with DIN EN 20140	42		
Regeneration efficiency [%] in accordance with DIBt LÜ-A 20	85	80	75
SEC Class	A		
Ingress protection rating	IP24		

Accessories

Accessory name	Description
FP VENTO Expert Duo A30 G3	G3 filter kit (2 pcs.)
FB VENTO Expert A30	Remote control