

# VENTO ECO A30-4 S11 PRO

## HEAT RECOVERY SINGLE-ROOM UNITS

### Features

- o Arrangement of efficient energy-saving supply and exhaust single-room ventilation in flats, houses, cottages, social and commercial premises.
- o Protection from outdoor noise.
- o Reducing heat losses caused by ventilation due to heat recovery.
- o Humidity balance and regulated air exchange create individually controlled microclimate.



**Air flow:**  
up to 30 m<sup>3</sup>/h  
8 l/s



**Heat recovery efficiency:**  
up to 81 %



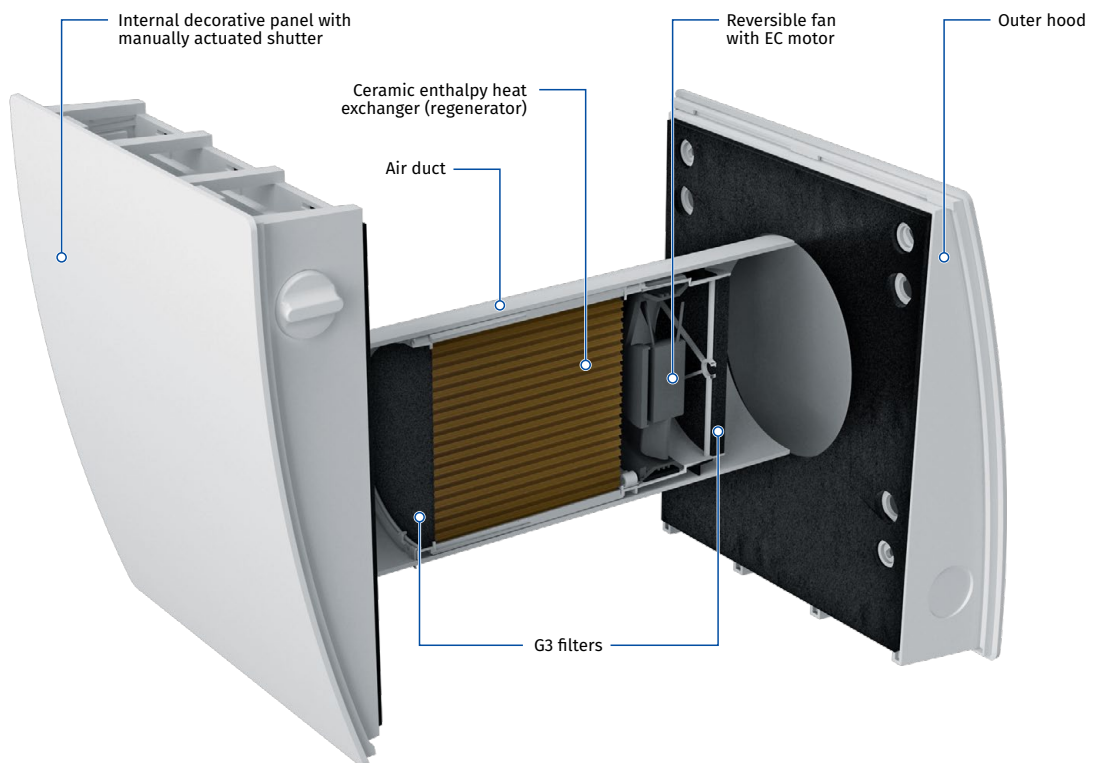
**Power:** from 1.8 W  
**SFP:** from 0.21 W/l/s



**Noise level:**  
from 21 dBA



### Design



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

### Designation key

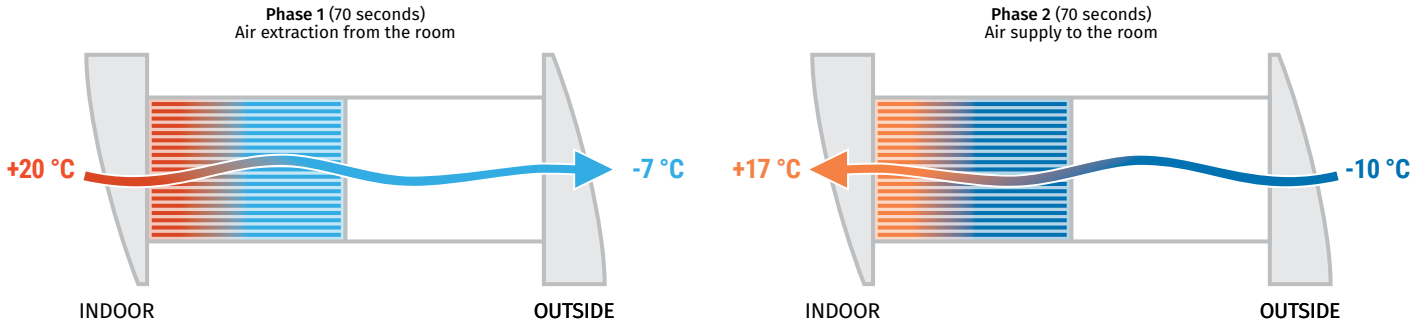
Model	Air duct	Rated air flow [m <sup>3</sup> /h]	Internal grille type	Ventilation hood type	Control
Vento Eco	A: round air duct	30	4	S11: plastic hood for standard walls S: metal hood for thin walls	Pro: sensor control panel

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HEAT RECOVERY SINGLE-ROOM UNITS

## Heat and humidity regeneration

### UNIT OPERATING LOGIC IN WINTER PERIOD

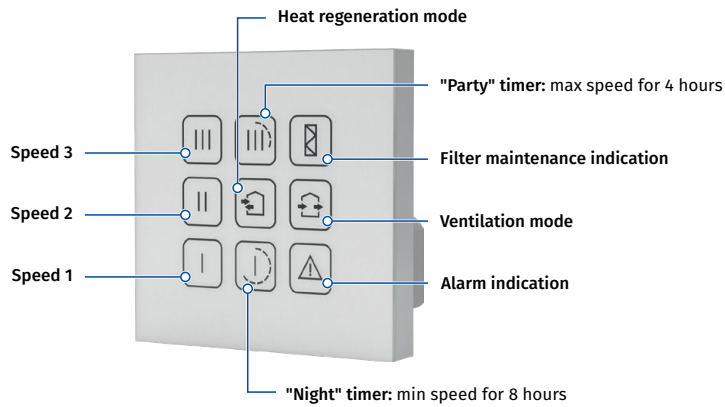


- Warm stale air is extracted from the premise, flows through the ceramic regenerator and transfers its heat energy and moisture to it.
- As the ceramic regenerator gets warmed up, the unit switches to the supply mode.

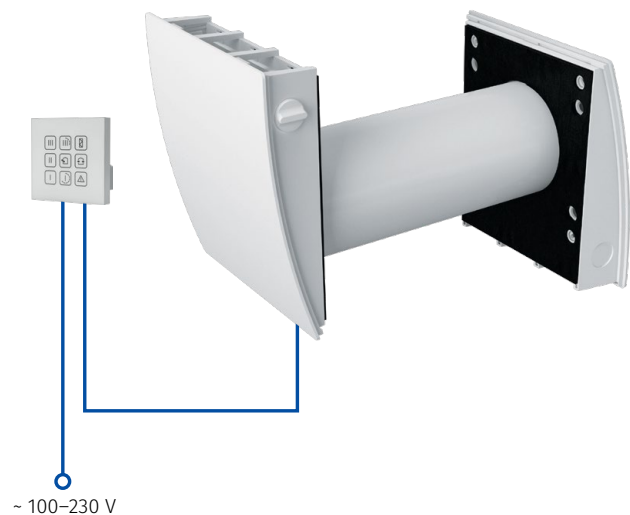
- Clean cold intake air flows through the regenerator and absorbs accumulated heat and humidity.
- When the ceramic regenerator is cooled down, the unit switches to the extract air mode.

## Control

- Control of the unit operation mode is performed by means of the sensor control panel.



- One control panel with sensor buttons can control up to two units.
- Low voltage (12 V) power supply between control panel and **Vento Eco** units.

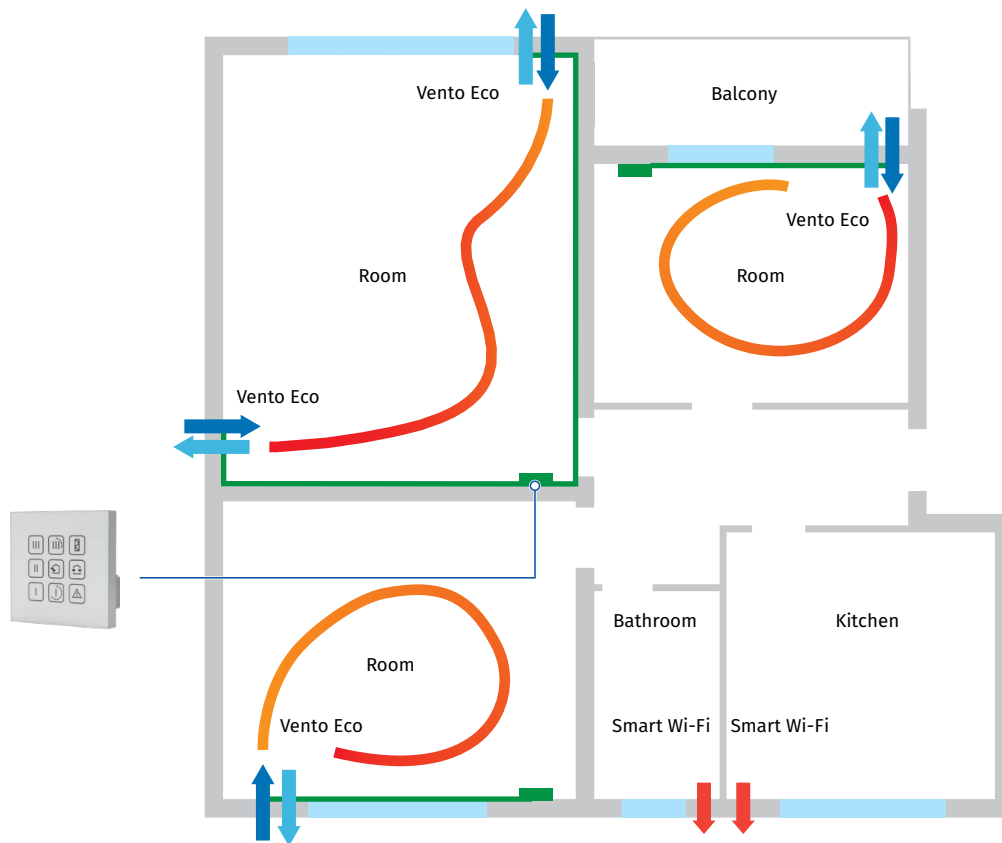


# VENTO ECO A30-4 S11 PRO

## HEAT RECOVERY SINGLE-ROOM UNITS

### Mounting

- The unit is designed for through-the-wall installation inside a prepared hole in an outer wall of the building.
- One unit is able to ventilate a room up to 15 m<sup>2</sup>. For bigger rooms two or more units must be installed.



# VENTO ECO A30-4 S11 PRO

## HEAT RECOVERY SINGLE-ROOM UNITS

### Technical data

Parameters	Vento Eco A30-4 S11 Pro Vento Eco A30-4 S Pro		
	I	II	III
Speed			
Voltage [V / 50 (60) Hz]		100-240	
Power [W]	1.03	1.96	3.47
Current [A]	0.021	0.027	0.038
RPM [min <sup>-1</sup> ]	1600	2200	2500
Air flow in ventilation mode [m <sup>3</sup> /h (l/s)]	10 (3)	20 (6)	30 (8)
Air flow in heat recovery mode [m <sup>3</sup> /h (l/s)]	5 (1)	10 (3)	15 (4)
SFP [W/l/s]	0.74	0.71	0.83
Transported air temperature [°C]		-20...+40	
Heat recovery efficiency according to DIBt LÜ-A 20 [%]		up to 81	
Outdoor sound pressure attenuation according to DIN EN 20140 [dBA]		42	
Indoor/outdoor airtightness classification of the complete unit in accordance with EN 13141-8		D1	
Sound pressure level at 1 m according to ISO 3741: 2004 [dBA]	30	37	40
Sound pressure level at 3 m according to ISO 3741: 2004 [dBA]	21	28	31
Ingress protection rating		IP24	

BLAUBERG Vento Eco A30-4 S11 Pro

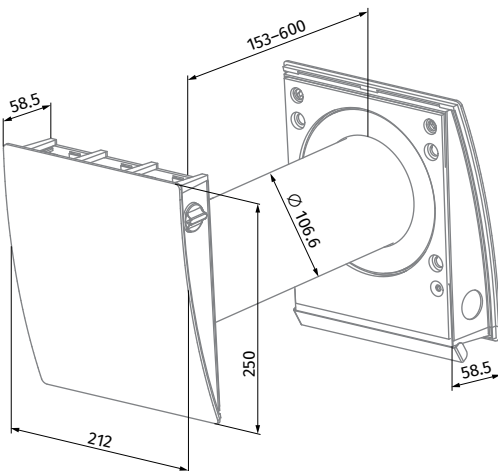
Energy efficiency class: **A**

Sound power level: **48 dB**

Air flow rate: **15 m<sup>3</sup>/h**

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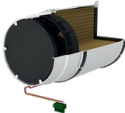























### Overall dimensions [mm]



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## HEAT RECOVERY SINGLE-ROOM UNITS

### Accessories

Name	Description
Completion Kit Vento Eco A30-4	 <p>Indoor grille and cartridge with heat regenerator, fan and G3 filters</p>
ZL1 Vento 100	 <p>Cartridge with heat regenerator for cold climate</p>
FP Vento Eco A30 G3	 <p>G3 filters (2 pcs.)</p>
AH-8 white 100	 <p>White painted aluminium outer ventilation hood with frost protection for a cold climate</p>
AH-8 chrome 100	 <p>Brushed stainless steel outer ventilation hood with frost protection for a cold climate</p>
AH-10 *colour* 100	 <p>Plastic outer ventilation hood. Available in colours:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> white</div> <div style="text-align: center;"> black</div> <div style="text-align: center;"> grey</div> <div style="text-align: center;"> terracotta</div> <div style="text-align: center;"> brown</div> <div style="text-align: center;"> vintage</div> </div>
AH-10 chrome 100	 <p>Plastic outer ventilation hood with a plate with brushed stainless steel effect finish</p>
AH-11 *colour* 100	 <p>Plastic outer ventilation hood. Available in colours:</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> white</div> <div style="text-align: center;"> black</div> <div style="text-align: center;"> anthracite grey</div> <div style="text-align: center;"> grey</div> <div style="text-align: center;"> terracotta</div> <div style="text-align: center;"> brown</div> <div style="text-align: center;"> vintage</div> </div>
AH-S chrome 100	 <p>Outer ventilation hood for thin wall made of brushed stainless steel</p>
AH-S white 100	 <p>Outer ventilation hood for thin wall made of stainless steel, painted white</p>
KIT BlauPlast white 100	 <p>Kit for angular mounting with white color grille (for walls with standard thickness)</p>
KIT BlauPlast chrome 100	 <p>Kit for angular mounting with stainless steel outer grille (for walls with standard thickness)</p>

**VENTO ECO A30-4 S11 PRO**

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Name	Description
<b>BlauPlast RTR 100/0.35-0.5</b>	 Telescopic air duct with the diameter of 100 mm and adjustable length from 350 to 500 mm
<b>BlauPlast RTR 100/0.5-1</b>	 Telescopic air duct with the diameter of 100 mm and adjustable length from 500 to 1000 mm
<b>SE Vento Eco A30 Pro</b>	 Sensor control panel