IT ALL STARTS FROM AIR

AIROBOT

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Airobot is full self-thinking heat recovery ventilation unit which gives a chance to maintain an excellent indoor air quality without further human interaction while using less energy.

New material science based technology and intuitive hardware and software were used in the process of developing the modern system. These technical solutions guarantee the product's autonomic operation and allow greater energy saving than other commonly used ventilation systems.

Airobot is full self-thinking

INTELLIGENT. DEVELOPING

Airobot is connected to Airobot Cloud and is therefore constantly being updated. New technology and constant improvements to software means that the device will remain high-technology even after years. All this comes automatically and doesn't need user input.

All Airobots come with a wall attachable controller and iOS and Android application which can be used to control the device.

FUNCTIONS

- Energy saving mode - When there are no persons in the room, device automatically switches to energy saving mode and works at minimal possible speed. In case somebody returns home, it will resume previous settings.
- Excess humidty mode - When using bathrooms excess humidity occurs. Airobot detects it automatically and increases ventilation speed.
- Summer cooling -Every device comes with built-in summer bypass function, which works automatically. For instance if the house becomes overheated in the summer, Airobot will register the outdoor temperature as it has gone below indoor temperature and therefore starts cooling down the house.
- Filter pressure - Mostly users are not sure when to replace filters. Airobot includes sensor which detects the need to change the filter.

Airobot is aware that the capacity for work as well as general well-being are greatly defined by interior air quality and therefore gives ultimate performance in order to create enjoyable atmosphere in the room. This means that the system stands up for its users health and comfort without having to compromise on energy saving.

TECHNOLOGY

There are four types of sensors included in each in each device to measure pressure, temperature, humidity and CO2, which makes Airobot especially unique. All the sensors are already integrated.

Airobot is a high technology product, yet using the latest system is very easy. The system makes its decisions based on the amount of people in the room without compromising on energy saving. This means Airobot is fully autonomous and humans don't have to intervene.

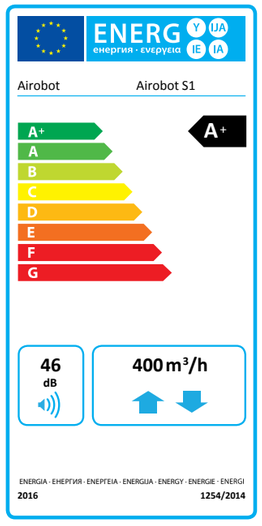
More information
www.airobot.ee/en

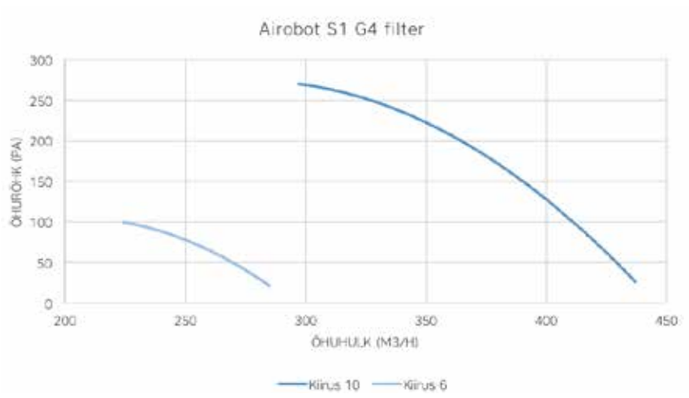
Airobot is autonomous

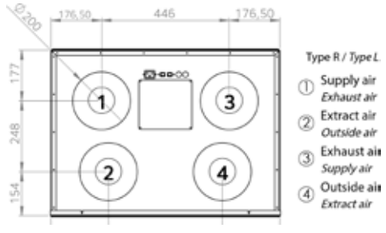
Models

AIROBOT S1

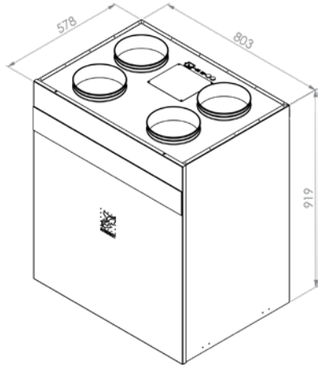
Maximum flow rate 400 m3/h / 111L/s (100Pa)
Recommended ventilated area up to 170 m2
A+ energy labelling
Heat recovery efficiency up to 95%
Usage: apartments, smaller houses





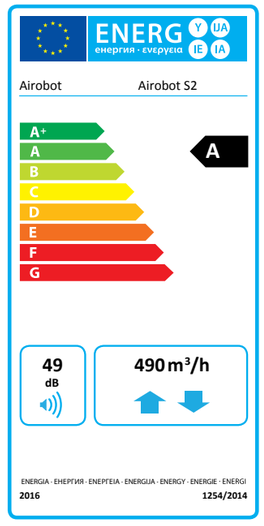


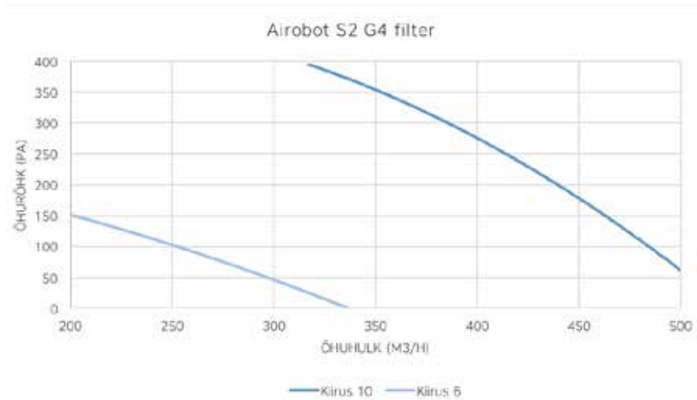
Heat exchanger	Counterflow heat exchanger
Thermal efficiency of heat recovery	90% (EN 13141-7)
Fans	2 x 118W EC fans
Pre-heater / post-heater (extra)	1.35kW PTC / 1kW PTC
Electrical power input MIN / 70% / 100% flow rate	17W / 89W / 226W
SPI	0.30 W/(m3/h) (0.078m3/s, 50Pa)
Filters	Panel filters, 2 pcs M5 (or G4)
Integrated sensors	CO2, temperature, humidity, pressure
Packaging	600x805x1225(H) mm, weight 60kg

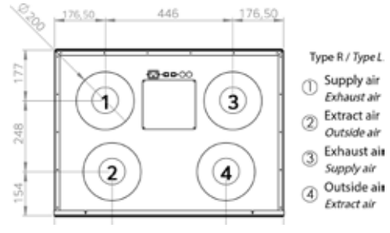


AIROBOT S2

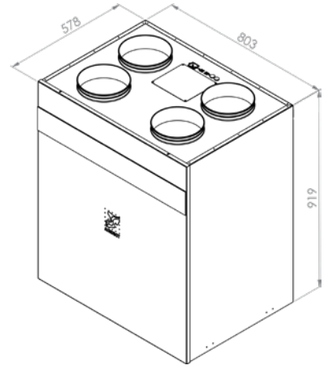
Maximum flow rate 490 m3/h / 136L/s (100Pa)
Recommended ventilated area up to 250 m2
A energy labelling
Heat recovery efficiency up to 95%
Usage: houses







Heat exchanger	Counterflow heat exchanger
Thermal efficiency of heat recovery	88% (EN 13141-7)
Fans	2 x 163W EC fans
Pre-heater / post-heater (extra)	1.35kW PTC / 1kW PTC
Electrical power input MIN / 70% / 100% flow rate	18W / 123W / 328W
SPI	0.36 W/(m3/h) (0.091m3/s, 50Pa)
Filters	Panel filters, 2 pcs M5 (or G4)
Integreeritud andurid	CO2, temperature, humidity, pressure
Packaging	600x805x1225(H) mm, weight 60kg



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