



reventon

INDUSTRIAL SOLUTIONS



HEAT RECOVERY UNITS

INSPIRO, VERTIC, WALLER



Ecologically

Installing the heat recovery unit in your house significantly reduces the loss of heat escaping through your ventilation system. When your house cools down, you begin to heat it more intensively and thus release more harmful substances into the atmosphere. The heat recovery unit allows you to minimize heat losses and live ecologically!



Economically

The heat recovery unit enables to extract heat energy from the used air (containing carbon dioxide) before removing it out of the building. In this place the fresh air is provided from the outside. It is increasingly assumed that the use of heat recovery can save up to 50% in building heating costs.

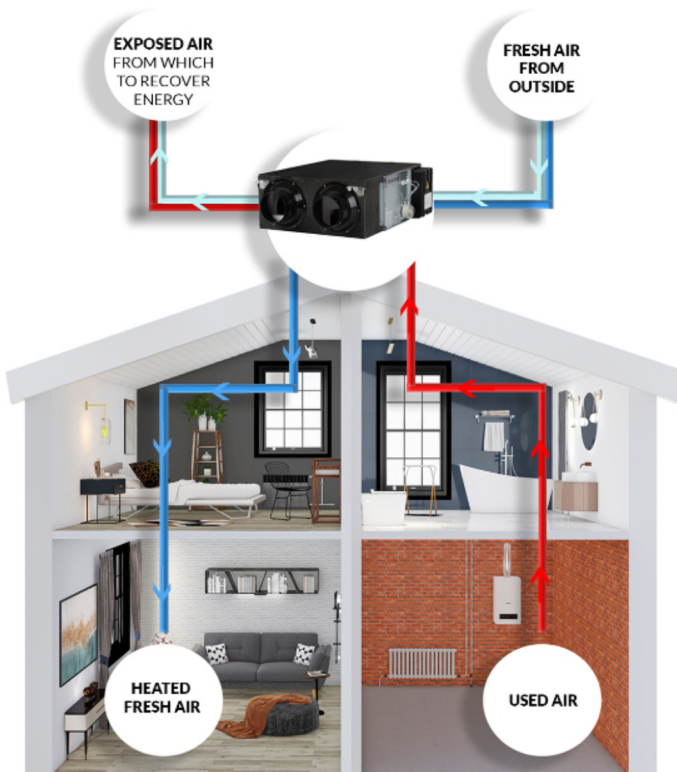


Healthy

The use of heat recovery unit has a direct impact on your health. Providing the house with fresh and properly humidified air, we reduce the likelihood of such ailments as: headaches, dry skin, problems with sleep and concentration, drying out of the mucous membrane. These are ones of the most common ailments caused by staying in poorly ventilated areas.

How does energy recovery unit work?

The principle of operation of the device is very simple - in the enthalpy heat exchanger, heat and moisture are exchanged between the supply and exhaust streams. However, these streams do not mix each other directly - heat penetrates through the walls of the exchanger, and moisture infiltrates through the special pores in the material of the exchanger. This is what we call energy recovery.



INSPIRO

Engine power: 45 - 436 W

Weight: 25 - 81 kg

Energy efficiency class: A*

*According to EU 1254/2014
1254/2014

Noise level: 31,5 - 43 dB

Nominal

volume flow: 150 - 1300 m³/h



INSPIRO

EC fan with 10 predefined speeds
enthalpy exchanger

BMS communication

G3 filters and F9 filter

filter clogging alarm (time) + F9 pressure switch

weekly schedule

automatic bypass

defrost mode

CO₂ and / or humidity sensor control

direct control of the heater

INSPIRO BASIC

3-speed AC fans (set simultaneously)

enthalpy exchanger

BMS communication

G3 filters

filter clogging alarm (time)

weekly schedule

manual bypass

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INSPIRO BASIC

Engine power: 105 - 710 W

Weight: 23 - 79 kg

Energy efficiency class: A*

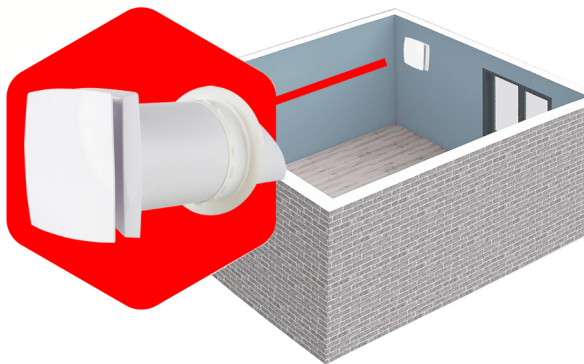
*According to EU 1254/2014
1254/2014

Noise level: 31,5 - 43 dB

Nominal

volume flow: 200 - 1300 m³/h

WALLER



What do you need to know?

- WALLER is mounted directly in the wall. Therefore, it does not require any installations as in the case of other recuperators.
- It has a ceramic heat exchanger that enables moisture recovery.
- Controlling WALLER is extremely simple with the use of remote control.

VERTIC

- 5-speed EC fans,
- Intuitive control panel built into the device,
- Power schedule,
- Automatic bypass,
- CO₂ concentration / relative humidity sensor,
- Solid steel casing,
- Internal insulation made of expanded polypropylene,
- G4 pre-filters protecting the heat exchanger against dirt.

