

Heat recovery unit

# FUTURA

The lungs of your home



# An ideal solution for your new home

As the air-tightness of homes continues to improve the risk of excessive moisture levels and reduced indoor air quality rises. This excessive humidity, which is caused by insufficient ventilation, can have a negative impact on the thermal envelope of the building, resulting in moisture damage that jeopardizes the health and vitality of both the structure and its occupants. Controlled ventilation with heat recovery presents an optimum solution.

A heat recovery unit ensures efficient ventilation of your new home; a new building cannot meet comfort and energy goals with natural ventilation alone. Controlled ventilation with heat recovery is the continuous replacement of stale interior air with fresh and filtered air from the outside. In the winter, fresh supply air is warmed by the stale exhaust air as air streams pass through the Futura, resulting in thermally optimized air that has been filtered of dust, pollen and allergens thanks to the included F7 filter. Your home can be ventilated fully with the windows closed. Naturally you can open them whenever you wish to, but in seasons when it is desirable to keep thermal energy inside the house your family can still enjoy fresh air thanks to the continuous air exchange. The ventilation volume of the Futura heat recovery unit is automatically adapted to meet the requirements for optimum indoor air quality based on information from CO<sub>2</sub> sensors.

The analogy to lungs has not been chosen randomly; the heat recovery unit represents the lungs of your home and it works in the same way – it ensures air exchange in a natural and automatic manner. In today's market, there are many high-quality heat recovery units available along with the information to compare them fully. We do not make overstated claims or provide a magic box. We simply use the laws of physics to provide you with effortless control of your indoor air quality, and this is what makes our Futura heat recovery unit superior to other units in many areas.

## Unrivaled lowest consumption even in frost periods

Futura excels in winter conditions, i.e. in the period when heat recovery is needed most, by minimizing the energy consumption. Thanks to its unique design, which perfectly utilizes the laws of physics, the unit works down to -19 °C without preheating and without imbalance of fans.

## CoolBreeze

The primary function of the CoolBreeze enthalpy cooling module is to ensure the complete elimination of any airing-induced heat gains in the summer. The module is specifically designed and intended for passive-standard homes with their envelopes perfectly heat insulated and solar gains minimised on hot summer days.

## Real indoor comfort without excessive drying

Futura will automatically maintain optimum humidity in your house by means of a controlled enthalpy exchanger. Optimum humidity is important for respiratory health, but it will also be appreciated by your wooden furniture, floors and plants.

## Zone ventilation

Ventilation is directed where and when it is truly needed. Thanks to the zone control Futura is able to provide required ventilation intensity with less nominal air volume. The heat recovery unit operates for a longer time at minimum air volume, therefore maintaining its parameters, such as efficiency, total power consumption and noise at optimized level for most of the working time.

## Autonomous operation

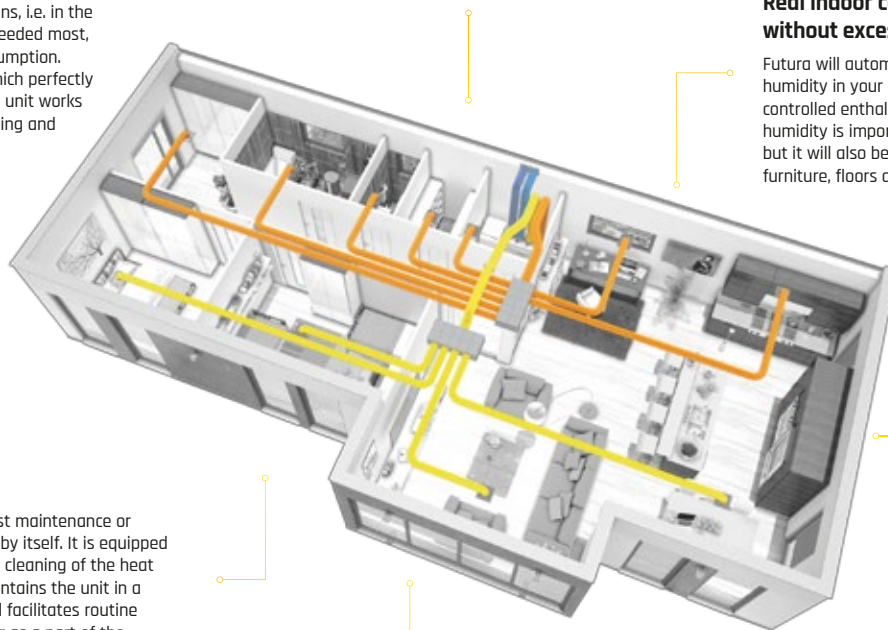
Futura is smart and will request maintenance or replacement of clogged filters by itself. It is equipped with the function of automatic cleaning of the heat recovery exchanger, which maintains the unit in a perfect technical condition and facilitates routine maintenance. And a CO<sub>2</sub> sensor as a part of the standard equipment smoothly adapts the ventilation power to your requirements for the indoor environment quality.

## Easy control

The unit can be controlled by a simple dial on the supplied wall-mounted control or from anywhere with the convenient MyJABLOTRON mobile application, which informs you about the operation and consumption of your heat recovery unit.

## Generous standard equipment

For the basic price, Futura offers above-standard equipment, including a five-year guarantee, 2x F7 pollen filter, CO<sub>2</sub> sensor in the wall-mounted controller, built-in heating element and complete management of the unit through the mobile application. The unit can be expanded with more functions - up to 3 wall-mounted controllers, 8 CO<sub>2</sub> sensors and supplementary cooling can be connected.



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