

The algorithm of operation in smart mode



An exhaust

The smart mode starts from the exhaust. The sensor captures and memorizes a temperature in a room. CUPER extracts exhaust air from the room within 90 seconds.

An inflow

Then the mode is forcibly switched to the inflow. Clean air comes into a room for 30 seconds and the sensor measures its temperature.

Temperature is more than 3 °C

If this value is lower or higher (depending on the cooling/heating of the ceramic heat exchanger) by 3 degrees than the room air temperature, the mode is switched to exhaust.

Temperature is less than 3 °C

If the temperature difference is less than 3 degrees, the heat recovery unit will operate on the inflow for 300 seconds. The sensor then measures the temperature again.

