



Decentral ventilation unit with heat recovery type SAF HR

Silent decentralized ventilation unit with heat recovery low consumption for areas at a rate up to 85 m³/h

Application

- Decentralized ventilation with heat recovery for smaller spaces
- Ideal for homes and spaces with moisture and mold
- Ideal for small renovation projects **(not tested according to NBN EN308)**

Specifications

- Flow rates can be adjusted per 3 levels
- Recessed into the outside wall, without ductwork
- Suitable for wall thicknesses of 250 mm to 470 mm
- Easy installation
- No condensation during operation
- Automatic interaction between supply and exhaust with energy recovery
- IR control included

Composition

- Ceramic heat exchanger
- Casing in ABS plastic
- Position switch on device for manual operation (ON/OFF or recovery)
- Built-in humidistat with adjustable set point (45, 55 or 65%)
- Light sensor for night ventilation (activates low speed when dark)
- Reversible axial EC fan
- 3 adjustable positions
- Filter class G3 - ISO 16890 Coarse ≥ 45%

Function

Automatic operation (see downloads)

- The ventilator is designed both for reversible mode with energy regeneration and supply and extract mode with no regeneration.
- CYCLE I. Warm stale air is extracted from the room, and then it passes through the ceramic energy accumulator, while flowing through it, heats, moistens the ceramic accumulator, and transfers up to 90% of the contained thermal energy. As the ceramic accumulator gets heated, the ventilator switches to supply mode

automatically.

- CYCLE II. Clean fresh air from outside passes through the ceramic energy accumulator, absorbs moisture and is heated up to the room temperature due to the accumulated heat. As temperature of the accumulator drops down, the fan switches to extract mode and the cycle is renewed. The ventilator changes its operation mode between supply and extract ventilation every 70 seconds.
- For a continuously balanced ventilation you can use two devices that work alternately

Order example**SAF HR R1-85**

Uitleg:

SAF = type wall fan

HR = with heat recovery

R1 = round passage 150 mm (inner diameter)

85 = airflow

