

RUCTS



 **brofer**
making air better

Decentralised heat recovery unit with alternate flow



- Ideal for domestic applications and usable in individual rooms.
- Extremely silent.
- High quality resistant materials and aesthetic appeal.
- No condensate discharge pipe required.
- Standard remote control.

RUCTS

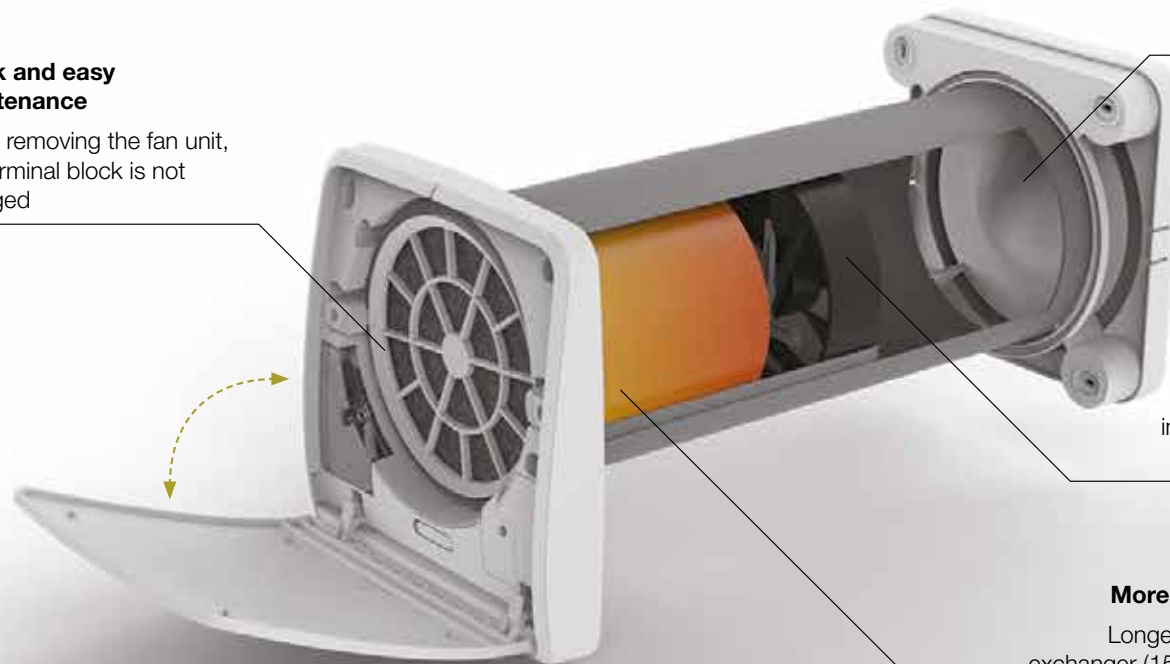
Decentralised unit that does not require a condensate discharge pipe, equipped with DC motor with ball bearings, with low consumption and long-lasting durability

Greater efficiency up to 94%

Thanks to the fan housing inside the pipe and behind the ceramic exchanger, RUCTS reaches low noise levels that are unique in the segment. The motor always rotates at a lower level of rpm than actually needed thanks to a wide range of air flow rates that can be set. RUCTS is equipped with a humidity sensor that allows you to set its operation according to the desired threshold using the remote control.

Quick and easy maintenance

When removing the fan unit, the terminal block is not engaged



More silent

External grid designed to ensure better air flow and reduce noise from outside

More silent

Motor positioned inside the wall beyond the exchanger

More efficient

Longer ceramic exchanger (150mm) for greater efficiency



Remote control



Night mode

Allows to minimise flow rate and noise during the night.



Flow regulation

Allows to choose the speed level, also in combination with the inlet and outlet air flow functions.



Boost mode

Allows air to be extracted at maximum speed for a certain period of time.



Filter mode

When the maintenance control light is on, the unit does not stop, but continues to operate until reset.

Flow rate

3 Levels:
60 - 45 - 30m³/h

Humidity control

3 humidity thresholds:
40 - 60 - 80%



Mode

- AUTO Automatic
-  Surveillance
- MANUAL Manual

Technical data

- _ Aerator with ceramic type heat recovery with efficiency up to 94%.
- _ Equipped with hinged front to prevent unwanted air return when the product is switched off.
- _ Separate double G3 filters for incoming and outgoing air.
- _ Wall-mountable electric contacts for standard version.
- _ DC motor with ball bearings, with low consumption and long-lasting durability.
- _ Humidity and twilight sensor.
- _ For Ø160 pipe.
- _ Pipe variable in length from 250mm to 400mm. Maximum applicable length: 3m (2.5m if 90 degree curve is present).
- _ Visual indicators for command reception and cleaning filters.
- _ Buzzer for command reception.

Model	Ø mm	Voltage Volt	Frequency Hz	Flow rate m ³ /h		Max. pressure mm H ₂ O	Max. pressure Pa	Power W	Noise level dB(A) _{3m}
				in	out				
RUCTS 160	160	220-240	50-60	60	60	3,7	36	9	23



Technical specifications

In some situations the product is considered noisy	Fan positioned after the heat exchanger
	Wider range of flow rates so that the fan runs more slowly
	Night mode for gentle ventilation with as little noise as possible
	Option to modify supply air and return air flow velocity
External noise	External grid redesigned to ensure better air flow and reduce noise from outside
Noisy damper	Damper eliminated in favour of the hinged opening of the aesthetic front panel
Average efficiency below 80%	With the new 150mm-long exchanger, average efficiency of the product increases to 85%
Twilight and humidity sensors inside the unit	With the new product a grid near the sensors has been created so that humidity and light can be detected with greater reliability
Difficult configuration	The Master/Slave configuration will be carried out by means of dip switches to make installation of the system easier and more intuitive
Unreliable male/female terminal block	Removal of the fan unit to carry out maintenance without engaging the terminal block, thus avoiding problems with male/female coupling
Reset with machine stop can cause problems ventilating the house	Increase of maintenance alarm hours. In addition, the machine will no longer stop, but will continue to operate in the mode in which it entered into alarm until reset
	Remote control with display in order to facilitate the user in selecting and viewing the functions
Unintuitive commands	Sound signal on the master fan unit to provide immediate feedback of the command reception

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We make technologies for better air

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