Decentralized high efficiency heat recovery unit
The new energy efficiency requirements have resulted in increasingly insulated buildings and reduced energy expenditure but at the same time preventing the natural flow of air.

Room ventilation is necessary to ensure the comfort and good health of its occupants: this helps keep away discomfort, fatigue and flu symptoms, as well as helping those suffering from allergies or cardiorespiratory diseases.

Brezza60 is the ideal solution to create a controlled mechanical ventilation system that manages the constant air exchange in each room without heat loss and energy waste.
Stale air extraction from the rooms

Introduction of new air from outside
How Brezza60 works

The device works by alternating 70-second cycles of introduction and expulsion of air from the room. The ceramic exchanger holds the energy of the air taken from inside the room; after 70 seconds, the operation is reversed and the energy is transferred to the air introduced from the outside. The cycle is repeated for the entire duration of operation of the device reducing energy consumption.

BREZZA60
THE ADVANTAGES

**Greater living comfort:** thanks to Brezza60, windows no longer need to be opened in order to air the house and consequently indoor temperatures remain constant.

**Elimination of bad odours:** Brezza60 is an excellent ally in rapidly removing bad odours.

**Health and wellbeing:** thanks to the continuous renewal, the air in the room always remains healthy, preventing the formation of mould and humidity.

**Energy saving:** high efficiency thanks to the innovative ceramic heat exchanger.

**Cost saving:** Brezza60 increases the building’s energy efficiency level and contributes to improve the energy classification of the same.

**Design:** thanks to its modern and light design, Brezza60 can become a perfect furnishing accessory for offices and homes.

**Ease of maintenance:** the possibility of dismantling each individual component of Brezza60 makes maintenance and cleaning very practical.
BREZZA60
CHARACTERISTICS

- Aerator with ceramic heat recovery with efficiencies as high as 93%.
- Alternating ventilation system with 70-second introduction and extraction cycles.
- Ideal for domestic applications and can be used for each room.
- Made with resistant, high quality and attractive materials.
- Equipped with an internal and invisible automatic damper to avoid re-entry of unwanted air when the product is off.
- Flow up to 60 m³/h.
- Extremely silent.
- Does not require condensation drainage.
- Equipped with a low consumption, electronically commutated motor (brushless).

- Double separate filters for incoming and outgoing air in class G3.
- Simple and fast maintenance and cleaning.
- The on/off wall switch can be made remote.
- Suitable for ducts with a 160 mm diameter.
- Duct variable in length from 250 to 400 mm. Maximum applicable length 3 m (2.5 m in the presence of a 90° bend).
- Visual indicator for functions and alarms.
- Air flow speed adjustable by means of remote control or panel.
- Standard humidity sensor with 3 levels set.
- Ideal solution in renovations due to the ease and speed of installation.
Activation

The infrared remote control that is supplied and the optional remote panel (with or without CO₂ sensor) allow the Brezza60 unit to be controlled with all the product functions.

Installation

Brezza60 is designed to be used in single rooms. Brezza60 can be installed individually even though the maximum efficiency of the product is achieved when installed as a pair. Thanks to its synchronization technology, Brezza60 allows two or more products to be installed together.
Technical support

Valsir provides complete support during design and on site, thanks to a high-level technical department that consists of a team of engineers with international experience that are capable of providing solutions to all installation needs.

Valsir Academy

Valsir has an important training facility - Valsir Academy - dedicated to clients, distributors, plumbers and planners that provides perfectly equipped courses, theoretical and practical courses on the use and the design of plumbing and heating systems. Courses are provided both inside the training facility and on customers’ premises.
Silvestro software

The design of floor and radiator heating systems, water supply as well as waste and drainage systems, is extremely easy and the issue of the project technical documents is rapid when using the Silvestro software program. Rapid, simple, unique, Silvestro has numerous strong points:

• rapid learning curve thanks to a simple and intuitive interface
• completely graphic background that facilitates input of the project details
• automatic drawing of the loops in the floor radiant systems
• automatic repositioning of the stack points on the plan view
• generation of calculation reports that are exportable in an .xls format
• import and export of files in .dwg format
• immediate update of software with a guided procedure
• creation of complete bill of materials from the project files

Valsir is BIM ready

Valsir has embraced the BIM philosophy, the modelling process that allows the improvement of planning, design, construction and the management of buildings, concurring with the transition of the industry toward the digital representation of buildings. “BIM oriented” planning offers extraordinary competitive advantages: greater efficiency and productivity, fewer errors, less downtime, lower costs, enhanced interoperability, maximum sharing of information, a more punctual and coherent supervision of the project. Valsir captures the essence of this system creating a series of Revit applications and models designed for simple and fast use.
Quality

The ongoing commitment of Valsir to the creation of high quality products is demonstrated by over 200 product approvals obtained around the world from the most strict certification bodies (figure updated on 01/06/2018), by the Quality Management System that is certified in compliance with UNI EN ISO 9001:2008 and the Energy Management System that is certified in compliance with International Standard UNI EN ISO 50001:2011. Valsir S.p.A. further demonstrates its commitment to the environment obtaining the ISO 14001:2015 certificate to the productive site in Vestone.

Sustainability

Efficient processes and reliable products are no longer the only parameters used to perform an assessment of the quality of a company’s conduct: the capacity of the company and its management to design and implement production process that are sustainable from an environmental point of view is of equal importance.

Valsir has started a project of Corporate Social Responsibility and has published its 1st Sustainability Report that gathers facts and figures relating to the daily commitment of Valsir in terms of social, economic and environmental responsibility.

For more information, download here the 1st Sustainability Report.

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