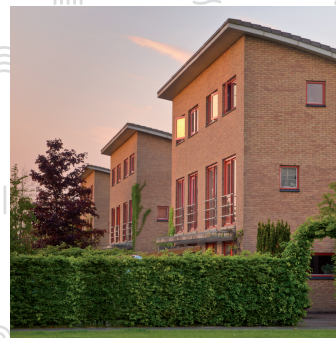# VENUS

COMFORT WITHOUT COMPROMISE

- VENUS units are equipped with a sophisticated regulation system.

- The function of periodical ventilation or intensive ventilation of bathrooms, toilets or kitchens brings comfort of the controlled ventilation to their users.

- By connecting air quality sensors (humidity, CO2, or movement sensors), the unit provides optimum operation according to current needs in individual rooms.

- Touch control is a real design element – capacity glass with discrete backlight and compact size - elegant accessory for any interior.

CONTACTS

For detailed informations you can contact us on our website or via email:

www.2vv.cz

2vv@2vv.cz

Do you need more information?
Contact us on our website or via email:

www.2vv.cz
2vv@2vv.cz

VENUS
people need air – so does your home

CONTROLLED VENTILATION

Heat recovery units VENUS are developed to meet current demands for healthy and comfort living.

Incapacious buildings, increased humidity, carbon dioxide, and vapours from household contents increase risks of respiratory diseases, cause allergies, fatigue, and headaches.

Fresh air is an inseparable part of a healthy household. Window ventilation or simple mechanical ventilation lead up to a great heat loss and increased cost of energies.
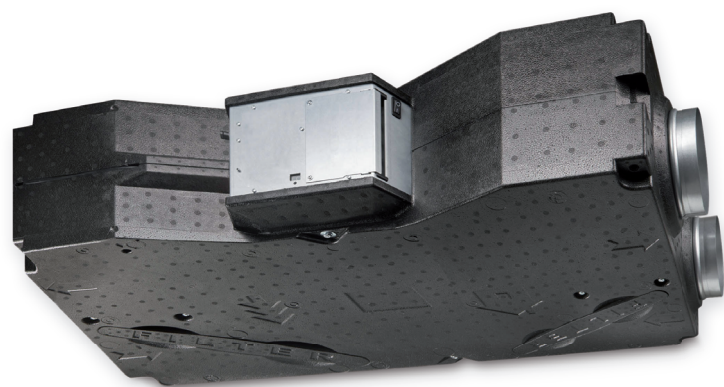
Continuous energy price increase forces us to think about how to reduce consumption and prevent waste of energies.

VENUS BRINGS THE SOLUTION – it provides fresh air supply to incapacious and unventilated buildings with the minimum energy loss.
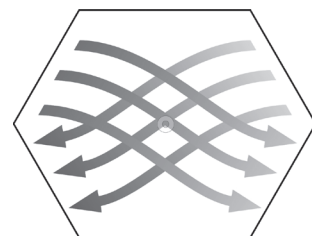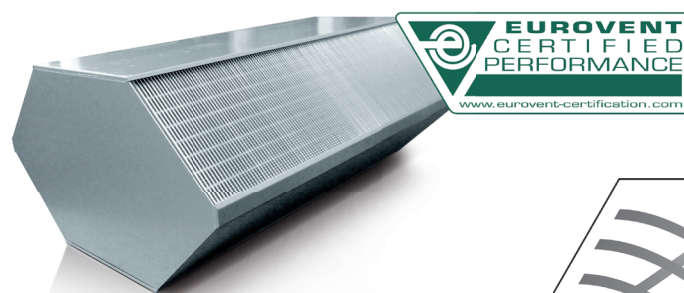
ECONOMY AND QUIET OPERATION

• Air supply and exhaust are provided by fans manufactured by top global producers.

• As required, you may select economy and quiet fans of EC type, the SFP of which – energy consumption for transfer of 1 m³ of air – is very low.

• EPP unit shell is designed from EPP – the material that among others features sound and thermal insulation, enabling to develop a unit with unrivalled quiet operation.
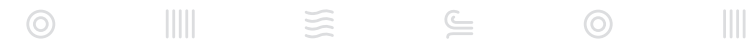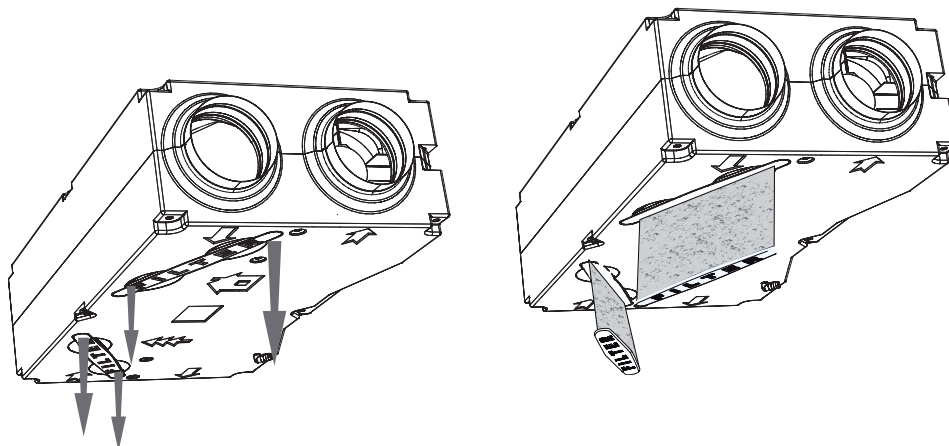
HEAT RECOVERY

• Heat recovery counter-flow exchanger gains **up to 93% of waste heat/cool** from the exhaust air.

• Fresh air of comfort temperature is supplied to households without using an additional expensive heat/cool source.

• Heat recovery exchangers are the Czech product certified by EUROVENT – a worldwide respectable association.

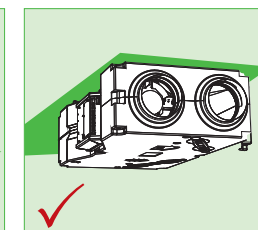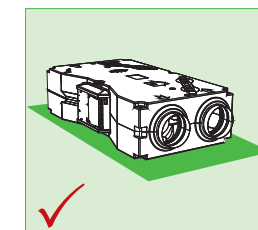• VENUS units meet the demands of low-energy and passive houses.

EUROVENT CERTIFIED PERFORMANCE
www.eurovent-certification.com

HEAT RECOVERY EFFICIENCY 93%

FILTRATION

• Integral part of the controlled ventilation is formed by filtration, preventing the dust, pollen, odour or noise from the outside.

• Used filtration webs provide high filtration class **F5** at the inlet/**G4** at the outlet, or **F7** at the inlet/**G4** at the outlet, and their dimension and structure increase their clogging intervals.

• Filter clogging is signalled on the unit controller.

• Filter replacement is easy, without the need to disassemble or open the unit.

INSTALLATION

• Unit structure is designed for upper installation.

• Compact size and unit height makes minimum demands for the installation space.

• Low weight of the shell made from EPP enables easy handling.

CONFIGURATION VARIANTS

Wide range of configurations offers solutions for various applications and environments:

• air flows 150, 300, 500, and 700 m3/h

• units with standard AC fans or economy EC fans

• two filtration classes – **F5** at the inlet/**G4** at the outlet, or **F7** at the inlet/**G4** at the outlet

• unit variant with preheating for rough climatic conditions

• units with integrated comfort regulation, or READY units without control

HRV15, 30, 50, 70 EC+F7/AC+M5

External static pressure [Pa]
Air power [m³/h]

❶ HRV15AC   ❷ HRV15EC   ❸ HRV30AC   ❹ HRV30EC   ❺ HRV50AC   ❻ HRV50EC   ❼ HRV70AC   ❽ HRV70EC