

komfovent

DOMEKT R 200 VSO C8

OUTDOOR RESIDENTIAL
VENTILATION UNIT



An innovative concept in our DOMEKT range – the **Domekt R 200 VSO C8** is a space saving residential ventilation unit for outdoor installation. It was designed to maintain optimal indoor climate without occupying valuable interior space in smaller apartments. The residential ventilation unit is quiet, efficient and created with ease of use and service simplicity in mind.

The Domekt R 200 VSO C8 is placed against the outer wall of an apartment, while ducting for air supply, exhaust and kitchen hood are routed inside. The unit has already got fitted silencers, closing and regulating air dampers. These solutions speed up installation and create many valuable benefits:

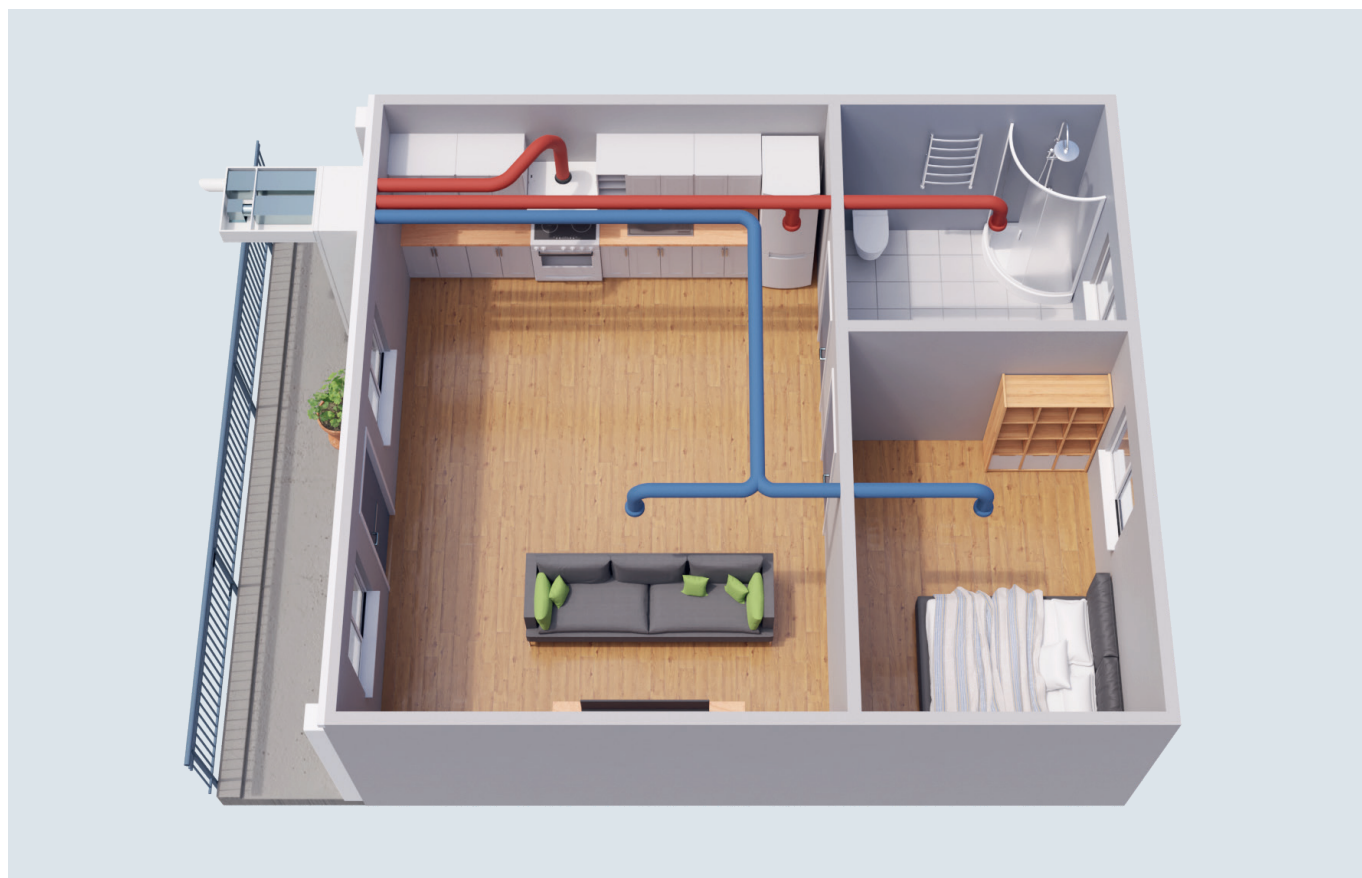
For residents

- Unit doesn't occupy valuable interior space.
- Ventilation unit functions quietly with built-in silencers, keeping both indoor and outdoor sound levels to a minimum.
- The Domekt R 200 VSO has a mineral wool insulated double casing, further ensuring minimal outdoor sound levels.
- Built-in dampers fully close when the unit is not running.
- Filters are easily accessible without tools through a separate opening.

For professionals

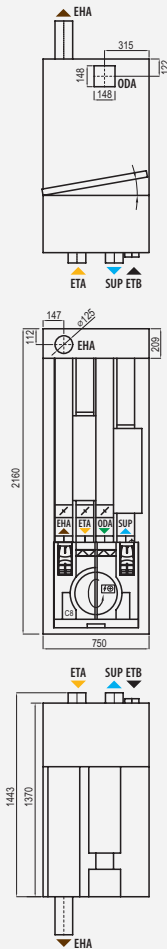
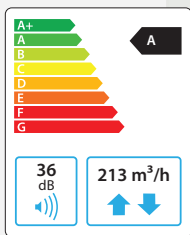
- Quick installation.
- 750 mm wide service area.
- Easy access and no disassembly required for servicing.
- Integrated regulating damper allows extract air volume adjustment.

If the unit is placed at the front of a deck access apartment, maintenance can be done without the presence of the owner.



An apartment drawing of how the unit and ducting can be placed.

Domekt R 200 VSO C8



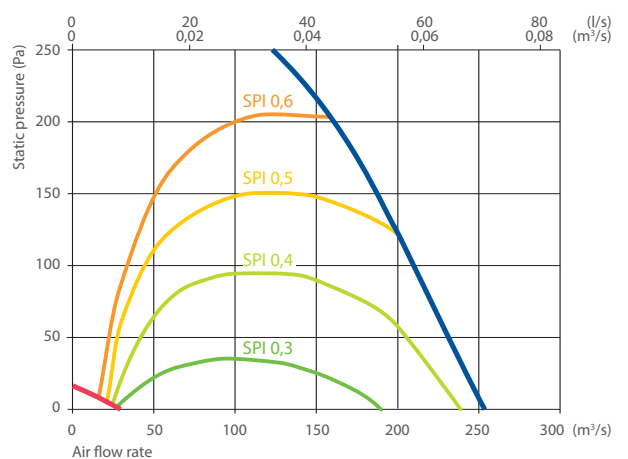
R1 configuration

R2 configuration

Technical data

Maximal air flow, m ³ /h	213
Maximal air flow, l/s	59
Reference flow rate, m ³ /s	0,041
Reference pressure difference, Pa	50
SPI, W/(m ³ /h)	0,34
Thermal efficiency of heat recovery, %	81
Electric air heater capacity, kW / Δt, °C	0,5/9,3
Supply voltage, V	1~230
Maximal operating current HE, A	3,9
Electric power input of the fan drive at maximum flow rate, W	61
Electric power input of the fan drive at reference flow rate, W	26
Filters dimensions BxHxL, mm	285x125x46
Unit dimensions BxHxL, mm	1370x2160x750
Maintenance space, mm	750
Unit weight, kg	153

Performance



Temperature efficiency

	Winter					Summer		
Outdoor temperature, °C	-23	-15	-10	-5	0	25	30	35
After heat exchanger, °C	13,5	15,0	15,9	16,9	17,8	22,6	23,6	24,5

indoor +22°C, 20 % RH



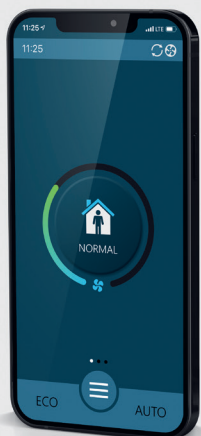
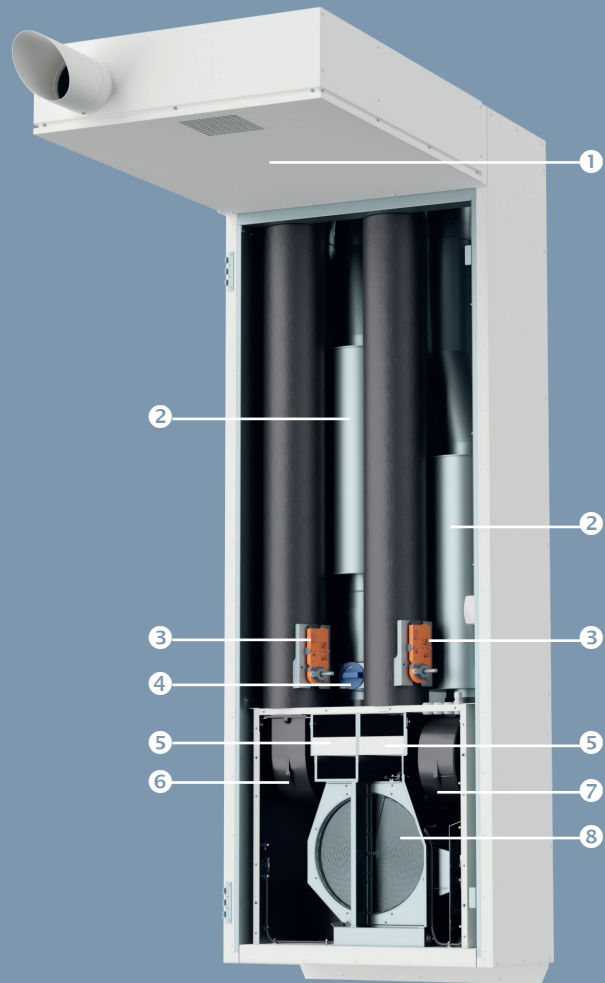
Control panels

Domekt R 200 VSO C8

technical features:

- Efficient rotary heat exchanger for operation at very low outside temperature.
- Thermal efficiency of heat recovery at 81 %.
- Highly efficient EC fans keep power consumption low.
- Operating sound levels as low as 36 dB(A).
- Smart C8 control system.
- Internet connectivity and intuitive control with the "Komfovent Control" app.

- | | |
|-----------------------|-------------------------|
| 1 Silencer box | 5 Filters |
| 2 Silencers | 6 Exhaust fan |
| 3 Air closing dampers | 7 Supply fan |
| 4 Regulating damper | 8 Rotary heat exchanger |



KOMFOVENT CONTROL app.

A new cloud-based application is designed to control residential ventilation units with C8 control system.

A user-friendly interface ensures intuitive control. As the application fully replicates control panel functions, you will have access to all monitoring and control possibilities available in the control panel.

