



DECENTRALIZED VENTILATION SYSTEMS WITH THE HIGHEST SOUND INSULATION

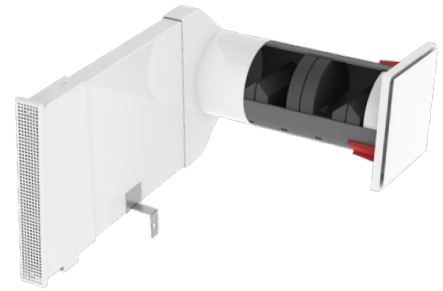
For a sophisticated architecture

PASSIVE AIRFLOW SUPPLY

AIR CONTROL LAW / LAL / LALx

Passive airflow supply with highest sound insulation

Ventilation solutions in accordance with DIN 1946-6 and DIN 18017-3 can be individually planned with our AIR CONTROL series. Increased noise protection requirements according to DIN 4109-1 can also easily be met. There are almost an infinite number of different mounting options available to map any required geometry. AIR CONTROL series are also ideally suited for hybrid concepts that combine passive and active sound insulation ventilation.



Passive Airflow Supply



Sound Insulation up to **75 dB D_{n,e,w}**

OPTIONAL ROOMSIDE IQ DESIGN COVER

With adjustable airflow and smallest dimensions (starting at 145x145mm)

REVEAL DESIGN

Reveal design with the narrowest air duct (37x255mm) for wall structures wider than 280mm

HIGHEST AIRFLOW

Low-draft air supply with up to 75 dB D_{n,e,w} sound insulation

MODULARITY

Tailor-made mounting options for seamless integration into any individual facade design

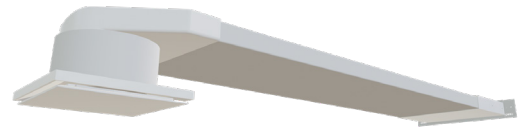
AIR CONTROL FLAT

Passive ventilation system with minimum space requirements

AIR CONTROL FLAT can be used both for passive air supply through exterior walls (sound insulation from external noise sources, i.e. cars, trains, planes) as well as partition walls (inside sound insulation).

Typically used for buildings with glass architecture (floor to ceiling windows), roofing constructions and limited space availability.

The high level of modularity allows for an easy adaption to almost any geometry. Easily combinable with the standard AIR CONTROL series.



Passive Airflow Supply



Sound insulation up to **65 dB D_{n,e,w}**

OPTIONAL ROOMSIDE IQ DESIGN COVER

With adjustable airflow and smallest dimensions (300x90mm)

HIGHLY CUSTOMIZABLE

Its flat design makes it ideal for installation in suspended ceilings and in tight spaces and is a perfect fit for all glass facades

THERMAL INSULATION

Can be delivered completely thermally insulated to the construction site, thus reducing installation time significantly.

ALUMINIUM FACADE COVER

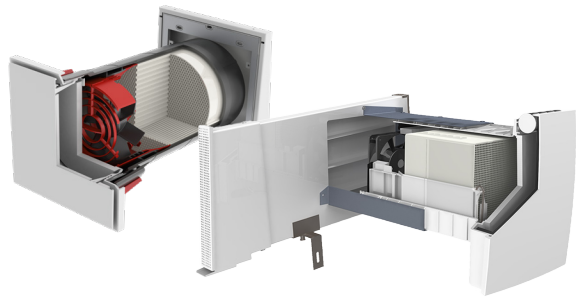
Selection from a wide range of accessories, individual implementation in shape and color possible

ACTIVE VENTILATION WITH HEAT RECOVERY

WRG RONDO / WRG PLUS

Heat recovery with highest sound insulation

In addition to the highest ventilation comfort and energy-efficient heat recovery, WRG RONDO / WRG PLUS devices offer above-average protection against external noise with particularly quiet device operation, applicable on the standard version (LAW, straight through the wall) as well. Various control options (central / decentralized) allow an easy electrical installation and simple retrofitting for renovation projects, cross-room ventilation concepts can therefore be implemented at any time.



>90% Heat recovery



Sound insulation up to **74 dB D_{n,e,w}**

ROOMSIDE PLUS DESIGN COVER

Perfect integration into any ambience. Classic and modern design with maximum air output and individual adjustment of the air outlet direction.

FAST ONSITE ADAPTABILITY

No time lost during installation due to the telescopic system to compensate for building tolerances

REVEAL DESIGN

Reveal design with the narrowest air flat duct (37x255mm) for wall structures wider than 330mm

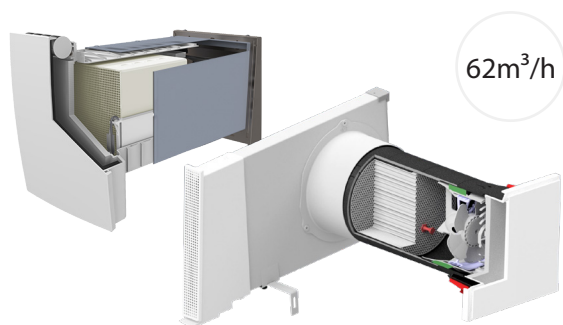
BUILT TO CUSTOMER SPECIFICATIONS

Production according to customer specifications possible. Fastest installation guaranteed

WRG MAKANI R / Q

Improvement in air performance

The WRG MAKANI is the latest iteration of the successful WRG PLUS und RONDO series, featuring updated high-performance components. It sets the standard in decentralized ventilation with heat recovery. Resulting in improved indoor air quality and cost savings on heating and energy.



85% Heat recovery



Airflow up to 62m³ / h

CERAMIC HEAT EXCHANGER

With an optimized surface due to honeycomb ceramics. High thermal conductivity with the highest possible heat recovery at low pressure drop.

FAN UNIT

Specially optimized design for push-pull use with EC-technology, resulting in constant air flow, both outside in and inside out.

FACADE COVER

Available in individual RAL colors for a subtle appearance and harmonious integration into the architecture.

ROOMSIDE DESIGN COVERS

Perfect integration into any ambience. Timeless design with maximum air output and individual adjustment of the airflow direction.

CONTROL UNITS

ZS-PLUS / V-PLUS

Versatile in use

The ZS-PLUS is a central intelligent control unit for controlling the decentralized fans with heat recovery of the WRG RONDO / PLUS and WRG MAKANI series.

In the V-PLUS version, the control unit is integrated directly into the cover. Establishing a power supply is sufficient to enable the fans to communicate with each others.

The V-PLUS serie is therefore perfectly suited for retrofitting.



Central control



Smart control directly at the cover

ZS-PLUS

- Control of up to 6 fan units
- Paired / unpaired operation possible
- 4 programs / 5 air levels
- Integrated humidity sensor
- KNX interface

V-PLUS

- Control of up to 15 fan units with intelligent control directly at the V-PLUS roomside cover.
- Decentralized control with communication via the existing power grid
- Without and with hygro sensor (V-1 PLUS / V-3 PLUS)

ZS-SMART / ZS-TOUCH

The perfect options - classic or modern

Tailored to individual requirements in terms of function, number of fans and handling, it is possible to choose between two additional central control units for the WRG RONDO / PLUS and WRG MAKANI series.

The most modern and newest control unit is the ZS-TOUCH. It can be operated very intuitively and conveniently using touch controls and swiping movements. The ZS-SMART is the most economical control unit among the Ventomaxx controls.



4 programs / up to 5 air levels



Pause mode

ZS-SMART

- Control of 2 or 4 fan units
- Can be expanded up to 8 fans by using an external connection and power supply unit with installation in the control cabinet.
- 4 programs / 5 air levels
- Interface for connecting hygro or combined CO₂ and hygro sensor

ZS-TOUCH

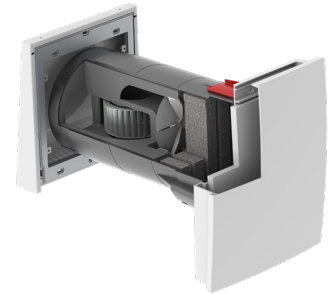
- Control of 2 / 4 / 6 / 8 fan units
- Touch-Control
- 4 programs / 5 air levels
- Further functions: time control, pause mode
- Multi-zone operation possible
- Integrated temperature and hygro sensor as well as an interface for additional connections

ACTIVE VENTILATION WITHOUT HEAT RECOVERY

ECO COMFORT / SILENT COMFORT

Decentralized supply or exhaust air units with sound insulation

Ventomaxx offers extremely quiet and energy-saving solutions thanks to the fans integrated in SILENT COMFORT and ECO COMFORT series, ensuring highest sound insulation for both supply air and exhaust air. Modular construction as well as flexible application options in controlled living space ventilation open up new planning perspectives. It also allows for the implementation of compact ventilation solutions for full integration into ventilation concepts. Soffit version available for full integration into the exterior wall.



Supply or exhaust air



Sound insulation up to **65 dB D_{n,e,w}**

ROOMSIDE COVERS

Perfect integration into any ambience. Timeless design with maximum air output and individual adjustment of the airflow direction.

EPP FRAME

With energy-efficient EC- fan. Enables particularly quiet operation. Easily revisable without tools.

WALL MOUNTING

Suitable for wall structures exceeding 330mm, adjustable and modularly expandable. Available as a reveal option.

FACADE COVER

Seamless integration into individual architecture. Optional with integrated condensate drainage.

BALNEO EX®

Exhaust air for interior, windowless rooms

The modular system of the BALNEO EX® series offers a wide range of possibilities in single room ventilation, especially for interior, windowless rooms. Wet rooms in particular can be vented effectively and efficiently with this series. Depending on the module and combination, the system can be equipped with overrun time, humidity sensor and/or multilevel control. Equipped with a corresponding surface-mounted / flush-mounted housing, further requirements, such as fire protection or a second room connection, can be met.



Exhaust air



Intrinsic sound starting at 30 dB(A)

PLUG-IN PRINCIPLE

Even with a built-in fan, the simple plug-in principle means that the function and performance of the exhaust fan can be changed later by replacing the control unit.

COMBINABLE

In combination with our AIR CONTROL fan series, the prerequisites for compliance with DIN 18017-3 are created in that the exhaust fan ensures the necessary differential pressure in the residential unit.

ADJUSTABLE

Individually adaptable to customer requirements, with around 20 different variants.

HUMIDITY CONTROL

The humidity sensor works on the basis of averaging. It automatically adjusts to seasonal differences in humidity. Manual adjustments on the device are not necessary.

REALISATION

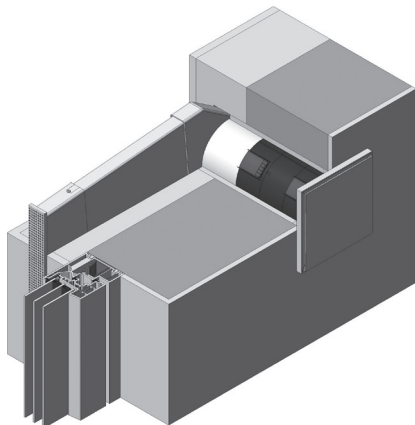
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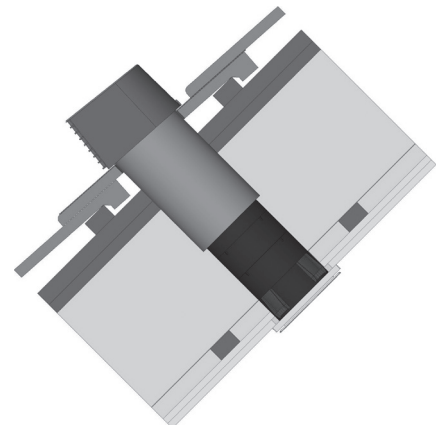
KARMELITEN AM DOM

Historic City Center - Regensburg

Integration of almost 300 sound insulated ventilation systems from the AIR CONTROL series, concealed within the window reveal and in the dormer windows.



Installation option LAL
- Window reveal



Installation option LAD
- Roof

WE PROVIDE...



Fresh air



Sound insulation



Moisture control



Heat recovery

VENTOMAXX KEYFACTS



> 45 Employees



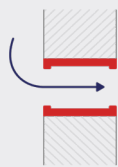
Made in Germany



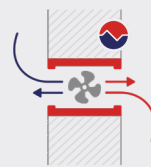
> 20 + Years of experience



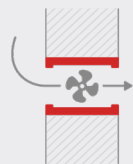
Customer specific solutions



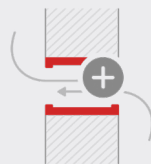
Passive airflow supply & Parti-
tion wall ventilation



Active ventilation with heat
recovery



Active ventilation without heat
recovery



Accessories & Mounting
supplies



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