



MASTERING VENTILATION

MECHANICAL VENTILATION

RENSON®



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*Become a ventilation expert
with a partner like Renson.*

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YOUR CHALLENGES

In your sector, you are confronted with all kinds of challenges. The impact of climate change, affordable living and technological evolution are all creating considerable uncertainty.

DIGITALISATION

The evolution towards smart living solutions is changing your customer's requirements. This will make you part of an ecosystem. Rather than purely installing a device you are becoming the connecting link between your customer and the growing range of technologies. This means you will be required to align various systems, such as ventilation, charging stations, cooling, solar panels, sun shading, safety, etc.

IMPACT OF ENERGY TRANSITION

In order to save energy, you must 'smartly' align multiple technologies.

ADMINISTRATION LOAD

As regulations grow more complex, you are losing precious time that would be better spent on your core business: developing your company.

FINDING EMPLOYEES

You want employees with technical and above all digital skills. But wouldn't it be fantastic to get the job done with less people?

YOU NEED A RELIABLE PARTNER TO CONFRONT THESE CHALLENGES

We are that partner who can lighten your load, so that you become an 'expert in ventilation'. How do we do this?

OUR
ANSWER

WE HELP YOU SAVE TIME

We have created digital tools for a simplified workflow and light, easily manipulated devices, which make installation easier.
(see p. 10)

ALWAYS A SOLUTION

Thanks to a wide range of ventilation devices and perfectly compatible accessories, we have everything you need right here.
(see p. 7)

SUPPORT FROM A TO Z

Our outstanding service includes support covering product selection, training and technical assistance.



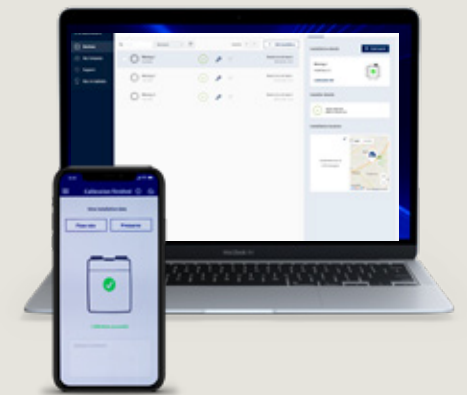
DIGITALISATION



GET TO KNOW OUR DIGITAL SOLUTIONS

DIGITAL
TOOLS

// *The installer app guides me step by step during the setup process, which saves me time.* //



RENSON PORTAL

Your digital right hand at the office

Using the installer portal you can manage all your installations, from configuration, reporting to follow-up. **Less paperwork = more time saved.**

SMART LIVING

Going further with Building Automation

Renson uses an open and intelligent system to create the ideal atmosphere in a home. With Smart Living, you have access to a digital platform that allows ventilation, sun protection, heating, and other technologies to be interconnected and smartly controlled. This integrated Building Automation intelligence ensures a comfortable and healthy indoor life in the most energy-efficient way. It is a unique system that is not only convenient today but also one that evolves smartly and is open-to-connect, allowing future solutions to connect as well.

INSTALLER APP

Your digital assistant at the building site

Starting up and adjusting settings has never been quicker or easier. On the building site, the Renson Ventilation Setup app guides you through **every step** in **configuration** and **calibration** of the device.

CONSUMER APP

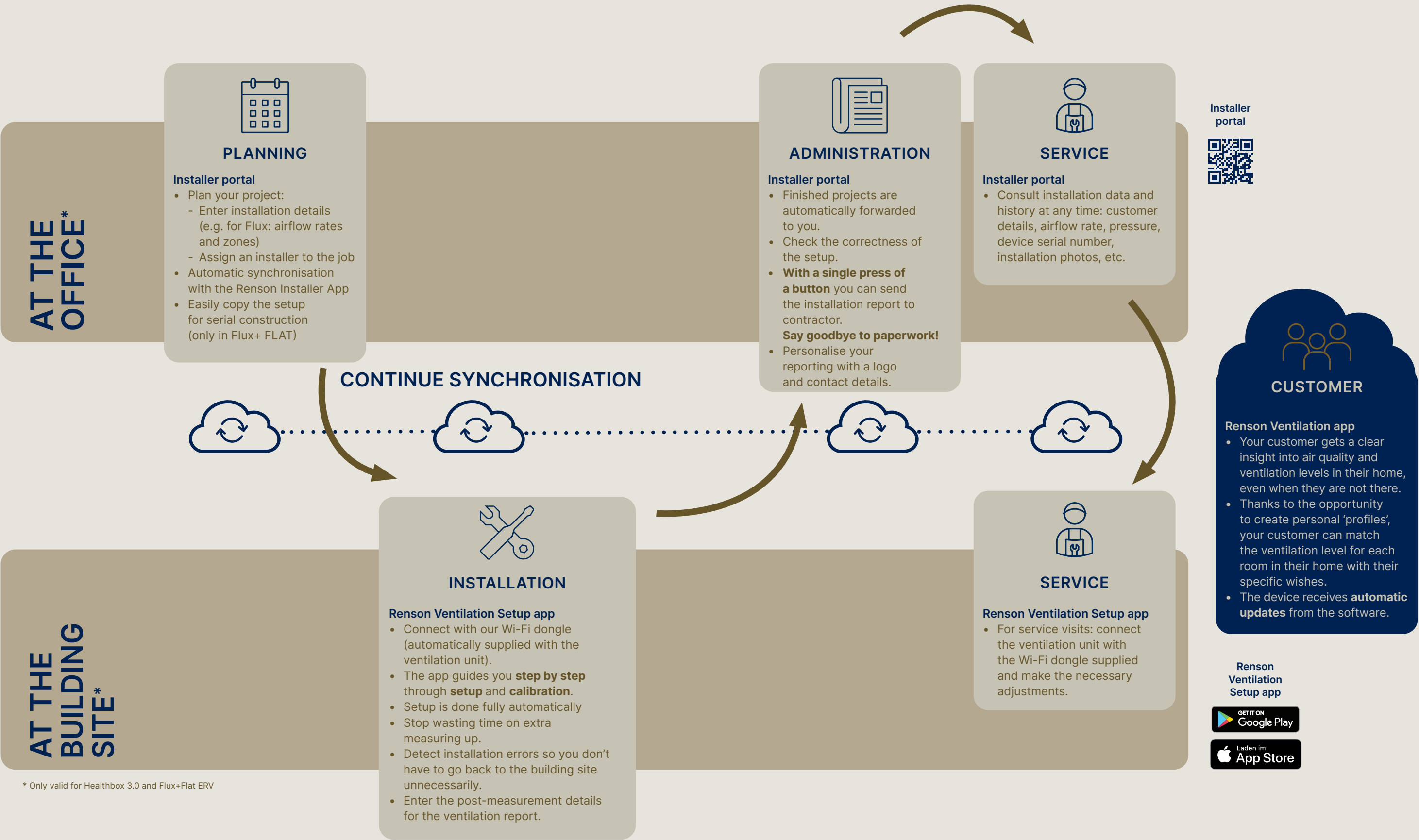
Your connection to your customer

Your customers also benefit from our digital solutions. The Renson Ventilation app provides insights into air quality in the home and confidence in the system's proper functioning.

DIGITALISATION

Simplify your workflow, save time and work more efficiently: before, during and after installation. Discover our digital tools and save up to 50% of your precious time!

A standardised, smooth workflow.
That saves you a lot of time.



* Only valid for Healthbox 3.0 and Flux+Flat ERV

EASY INSTALLATION



Flexible fitting and a one-man-show.
Now that's what you call easy installation!

EASY
INSTALLATION

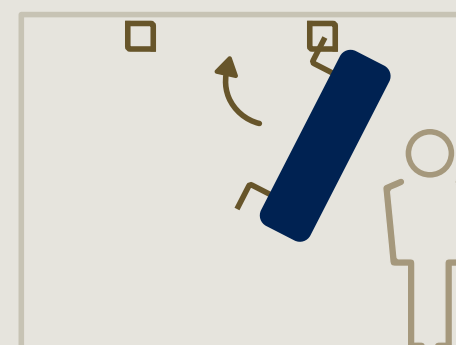
FLEXIBLE FITTING

A solution to suit the unexpected

What do you do on the building site if you see that your anticipated installation is actually unsuitable? Then, as an installer, you need some flexible options. Renson has them right here. Healthbox 3.0 and Flux+ Flat allow all kinds of **flexible connection options** so that you can always connect in the best position with the minimum number of bends. Not enough space in the corner? Not a problem, after all! As well as being neater and more aesthetic, it also reduces the pressure drop.

Placement on wall AND ceiling

The chance to mount on the wall or on the ceiling? That's the case with most of our devices. This gives you **extra flexibility when installation space is limited** or if your customer has specific wishes.



ONE-MAN-SHOW

A solution to suit the unexpected

Most of our ventilation devices are designed so that you or a colleague can install them alone: **compact, light and easy to manipulate**: easy installation is a priority. For example, our Flux Flat unit weighs **only 25 kg**. Mounting is child's play thanks to the Quick-Fix system. Each detail has been carefully considered. Your advantage? Physically lighter work and more sites done in one day.

The various installation options in the Flux+ Flat offer plenty of flexibility for positioning.

EXHAUST VENTILATION SYSTEMS

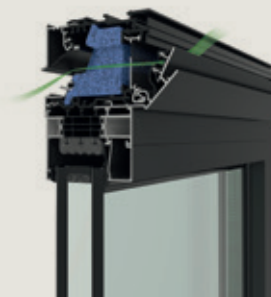


VENTILATION THROUGH THE WINDOW

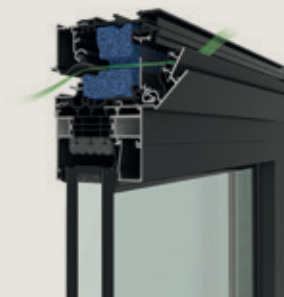
When your customer chooses a C and C+ system it is important to include a fresh air supply. This is possible with window ventilation. Then, you can naturally and economically bring fresh air into the home through dry rooms such as living rooms and bedrooms. These ventilation louvres do not disturb the look of a façade, are acoustic damping, maintenance friendly and they also avoid cross-ventilation. (only with the Invisivent Comfort)

Invisivent®

The supply of fresh air is not done haphazardly, but in a tightly controlled manner in fact – certainly in the new generation of window ventilation. The Invisivent Air and Comfort window ventilation from Renson are both part of the C+ ventilation system, together with the intelligent Healthbox 3.0 extraction unit which, as the system driver, indicates exactly how much fresh air is needed in the house. The Invisivent COMFORT is always combined with an extraction point in the same room (Healthbox 3.0, SmartZone configuration).



Invisivent® Air

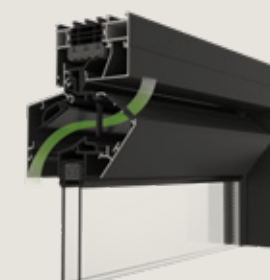


Invisivent® Comfort (10 Pa)

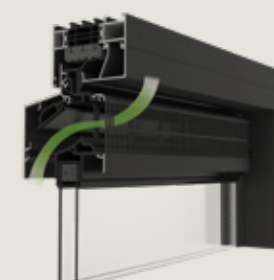
ON THE
WINDOW
PROFILE

Variavent®

Variavent is a self-regulating window vent with a contemporary look, owing to the sleek, straight lines of its exterior profile. This new generation of window vents perfectly combines proven technologies and contemporary design.



Variavent® I-Flux®



Variavent® Flat

GLAZED IN/
AT TRANSOM
POSITION

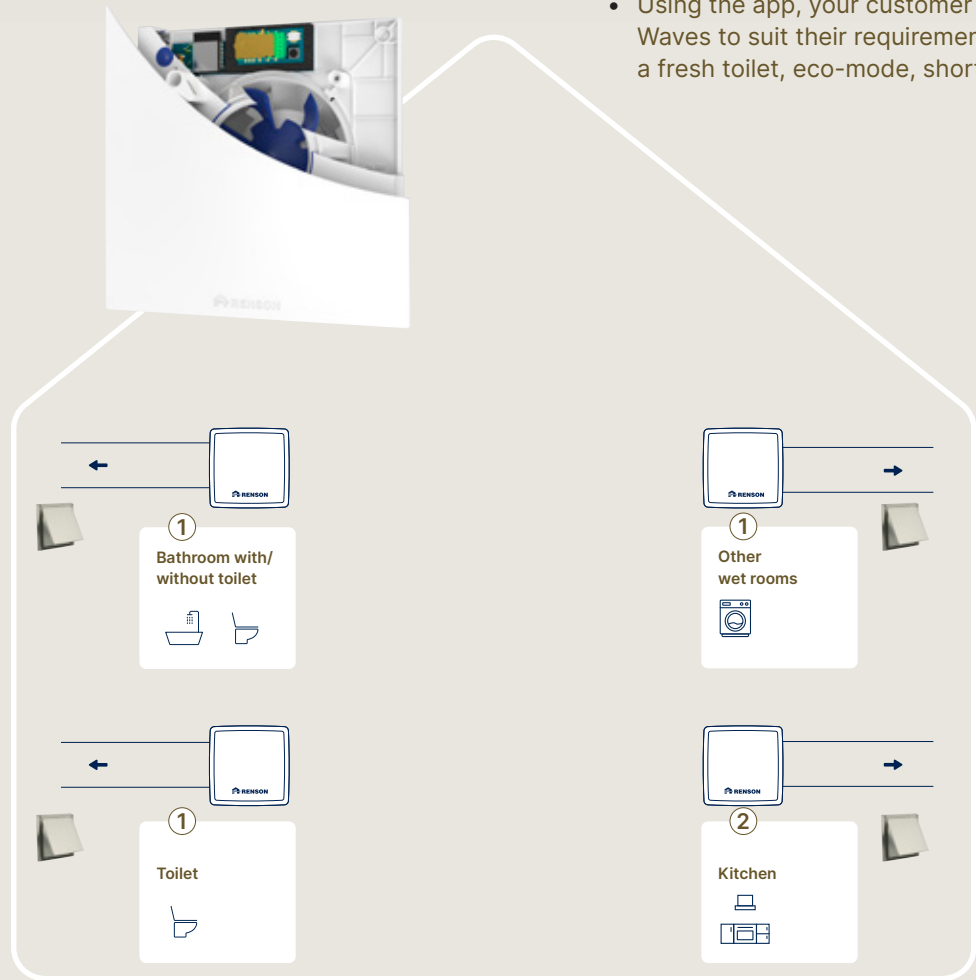
View the complete window ventilation brochure here



WAVES® +

PROPERTIES

- By far the **most powerful solution** on the market: even with a heavy pressure drop, the desired airflow rate is properly achieved!
- Create a **full ventilation system** without having to install a ducting network. Also with CO₂ detection
- **Super-fast setup**, also without smartphone
- **Save energy** with demand control
- Instant odour detection thanks to the VOC sensor
- Using the app, your customer can **personalise** their Waves to suit their requirements: intense mode for a fresh toilet, eco-mode, short boost, etc.



More info



WAVES® +

To be ordered separately

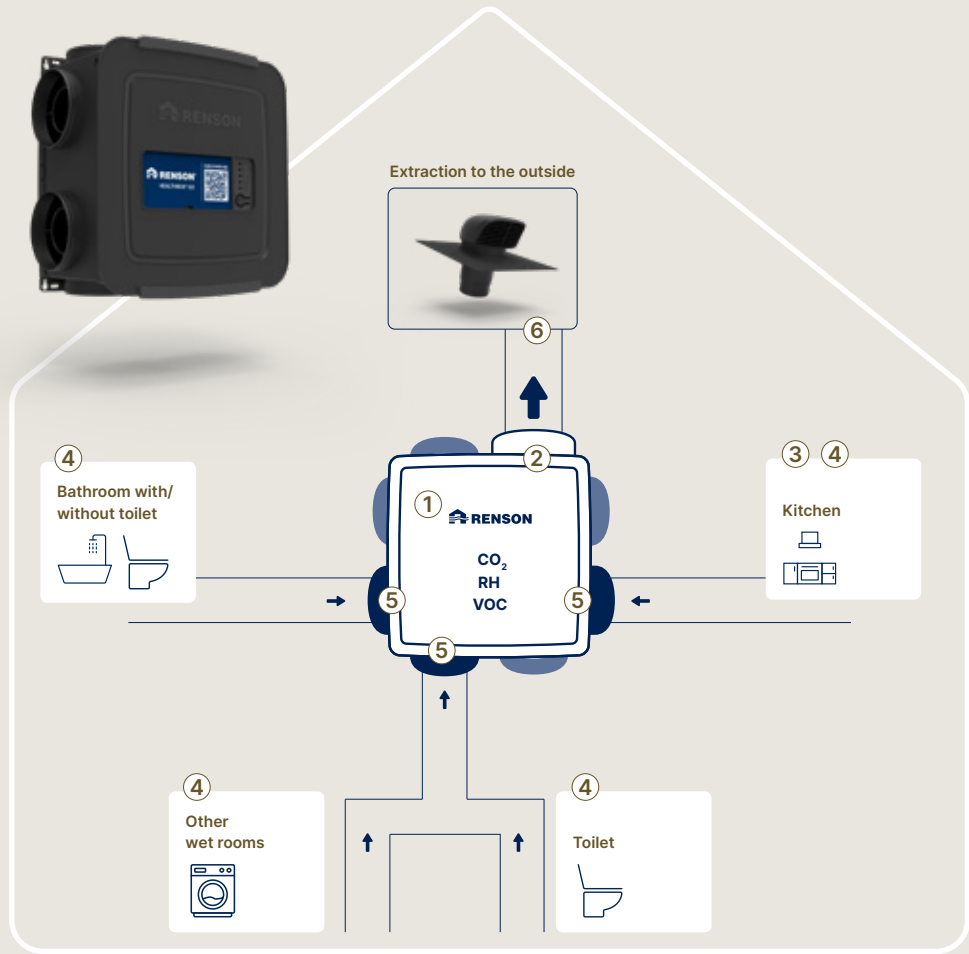
① Waves® RH, VOC	9486	1 per wet room
② Waves® RH, CO ₂ & VOC	10896	
Telescopic pipe Ø 100 mm	9621	1 per Waves
Telescopic pipe Ø 125 mm	9587	
Louvre type 641 Ø 100 mm	10976	1 per Waves
Louvre type 641 Ø 125 mm	9343	

! **Tip for a silent installation:** be sure never to choose a louvre with an insect mesh. This quickly gets blocked and increases the air resistance dramatically.

HEALTHBOX® GO

PROPERTIES

- **Autonomous operation** by central CO₂, RH and VOC detection
- All technology is in the unit, allowing handy **plug and play**
- **Simple ducting system**
- Compact, light and manoeuvrable for **easy installation**
- Intuitive to set up
- Operation can be personalised with the app



More info



HEALTHBOX® GO

Kit
32753

Extra
Accessories

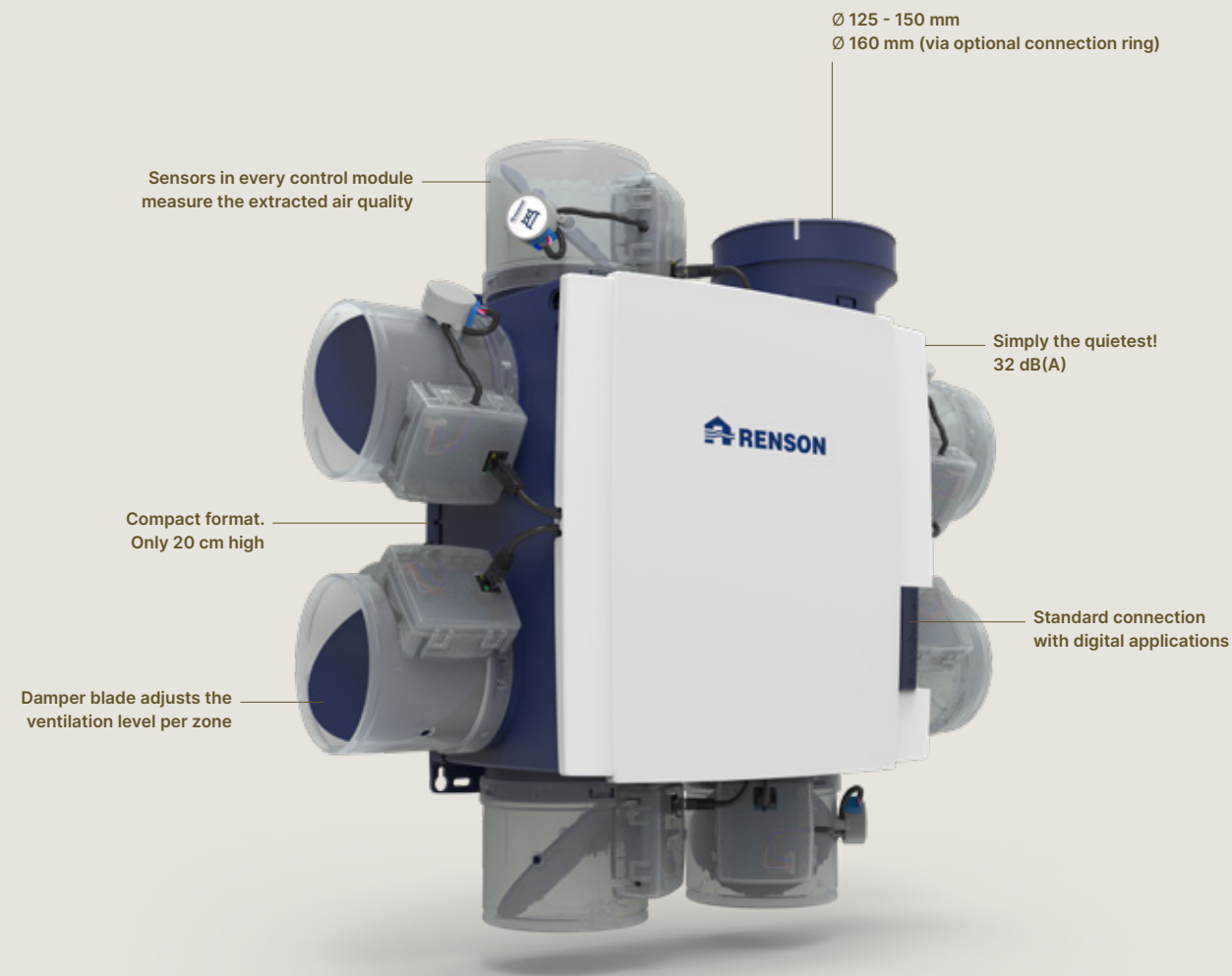
① Fan Unit Healthbox® Go Sealing cap Ø 125 mm	32732	1x 6x	
② Adaptor 125-150 mm (extraction)	33098		If more than 177 m³/h airflow must be extracted
③ XVK3 three-position switch	8747		
④ Aeroo valve round white Aeroo valve round black Aeroo valve square white Aeroo valve square black	17147 17831 17148 17832	3x	1 per connected space Choose the colour and the model that suits your interior
⑤ Adaptor ring Ø 125 mm	34139	3x	1 ring per connected duct on the unit
⑥ Louvre type 641 with non-return valve Ø 125 mm	9343		Non-return valve necessary when using wall duct Also available in stainless steel and in Ø 150

HEALTHBOX® 3.0



Healthy indoor air: smart, quiet and energy efficient

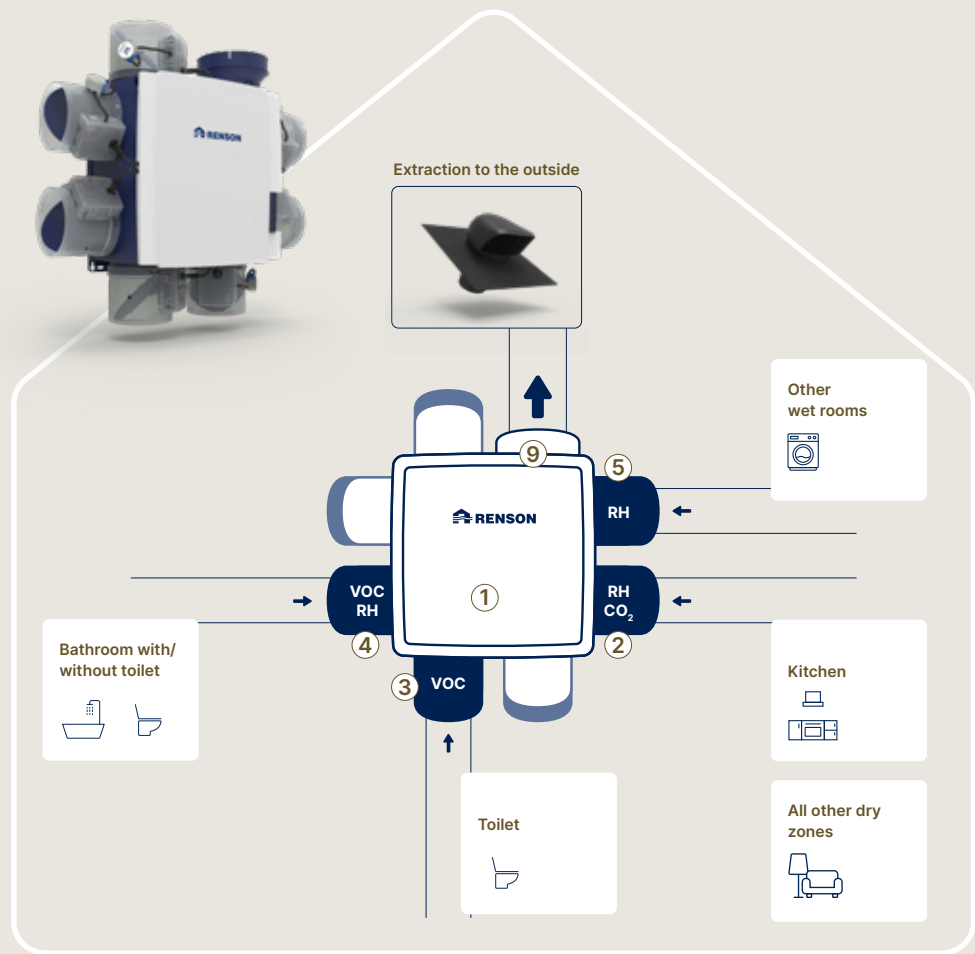
Healthbox 3.0 is the core of the ventilation system C*.
Fresh air is supplied naturally using window ventilation and contaminated air is extracted in a controlled mechanical manner in the wet rooms and optionally also in dry zones.
A smart, near-silent and energy-saving demand-driven system that only ventilates when and where necessary via zone control (using sensor-driven control modules). The device is compact, light and flexible for optimal ease of installation. Thanks to automatic calibration, the device is very quick to get started. Your customer enjoys an energy-efficient device with a long service life and maximum comfort.



HEALTHBOX® 3.0

PROPERTIES

- Compact, light and manoeuvrable for easy installation
- Preparation and follow-up in the installer portal
- **Auto-calibration:** only **3 minutes** for a configuration with 5 control modules
- Flexible properties with the valve collector



SMARTZONE
With a SmartZone configuration, in addition to the extraction of air in wet rooms, air is also extracted in the bedrooms. This results in better air quality for the resident.

More info



HEALTHBOX® 3.0		Extra Accessories
① Fan Unit Healthbox® 3.0	17065	
② Kitchen kit	9324	
③ Toilet kit	9323	1 per toilet
④ Bathroom kit with toilet	9568	1 per bathroom with toilet
⑤ Laundry room/Bathroom kit without toilet	9567	1 per wet room
T-unit for valve collector	9566	In case of more than 7 rooms or due to channelling
Print valve collector	17071	
⑨ Extraction ring 150-160 black	11894	If extraction Ø 160 desired

ADDITIONAL CONTROL VALVE FOR SMARTZONE CONFIGURATION:

① Bedroom kit	9569	1 per extra bedroom
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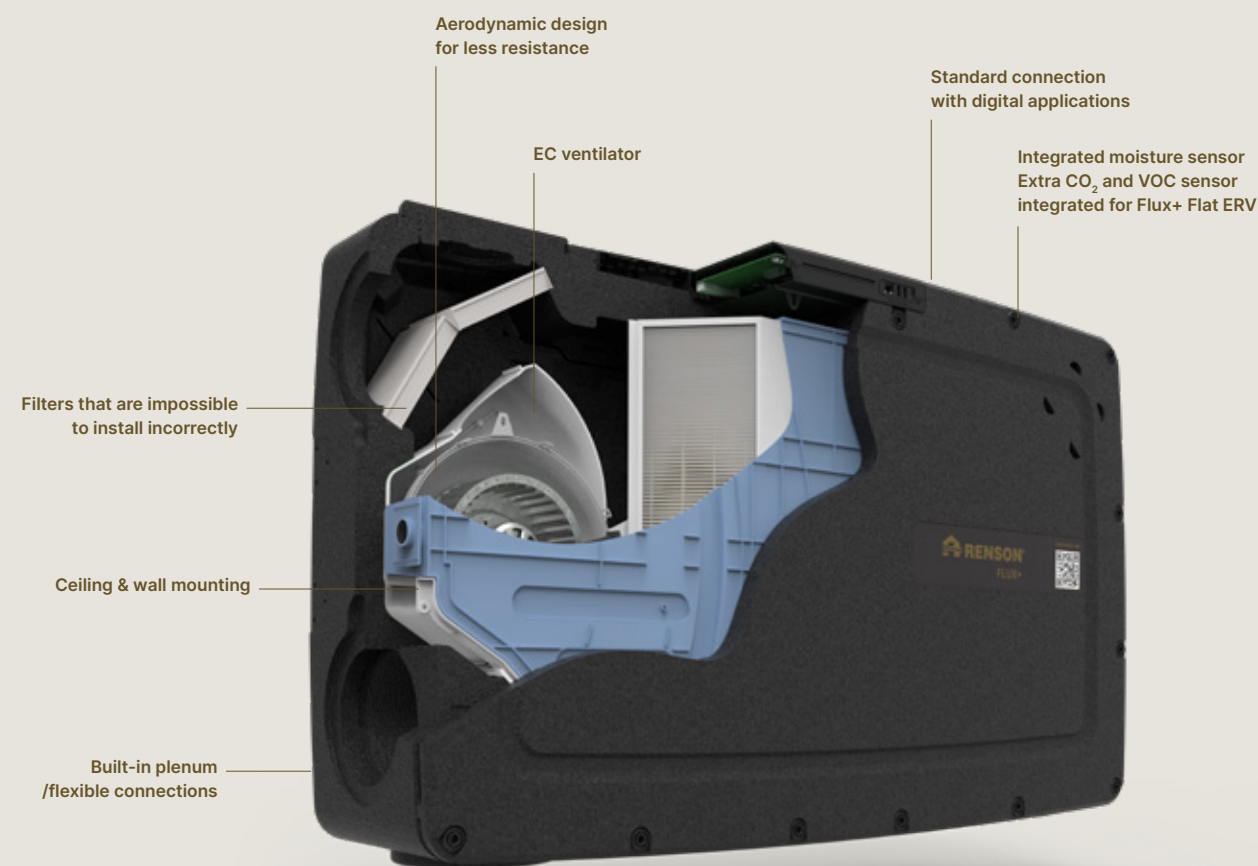
BALANCED VENTILATION SYSTEM WITH HEAT RECOVERY



FLUX+ FLAT ERV

Demand-driven, energy-efficient ventilation combined with pure ease of installation

With its central demand control and intelligent adjustment, Flux+ Flat ERV is the **most energy efficient and quietest D+-solution** on the market. During its development, careful thought was given to how we can make installation even easier for you, as the installer. The device is **compact**, weighs **only 25 kg** and is **easy to manipulate**. The Quick-Fix mounting system makes your work easier both during installation and on service visits. Plus, the built-in plenum provides lots of **flexible connection opportunities** allowing you to connect in any situation with the minimum number of bends. Flux+ Flat ERV is suitable for both wall and ceiling mounting. It is the most suitable project solution where installation space is limited and where a nominal ventilation demand of up to 370 m³/hour applies.



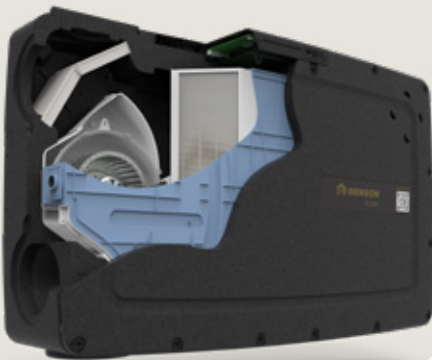
Use the Sense room sensors for even more efficient performance.



FLUX+ FLAT ERV

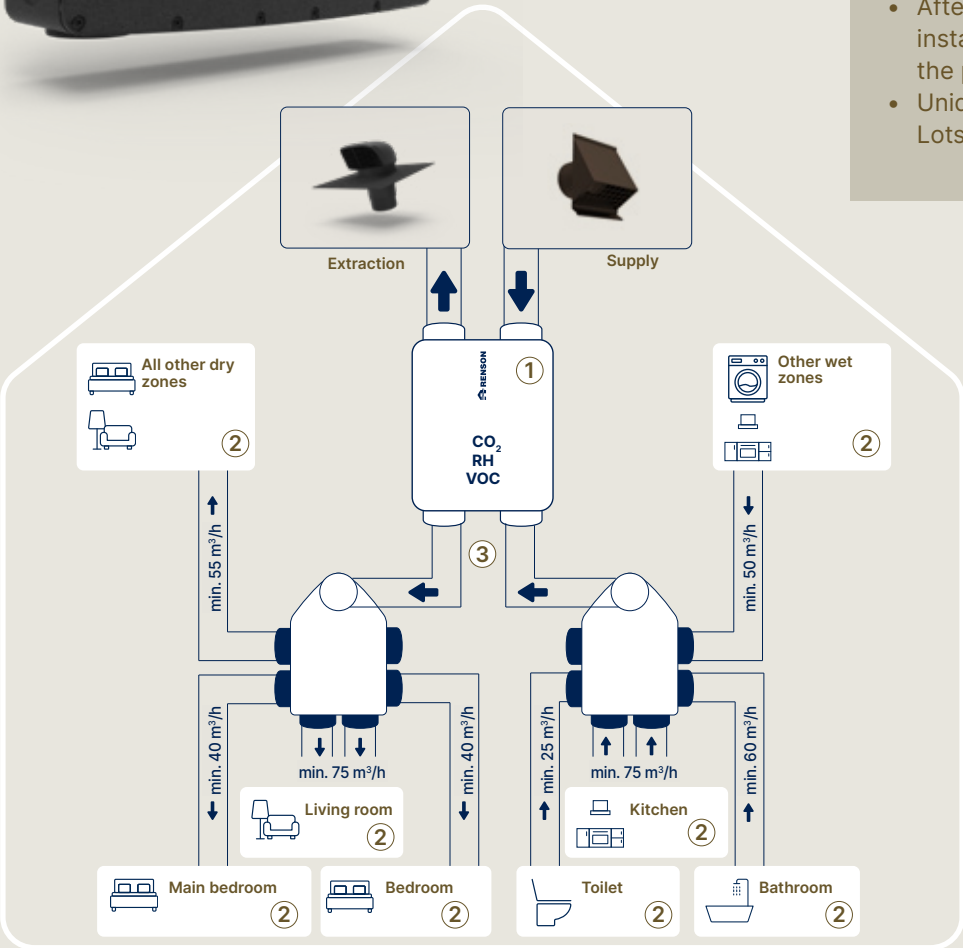
PROPERTIES

- 3 airflow variants: **225, 275 & 370 m³/h** at 200 Pa
- **Central CO₂, RH and VOC demand control**
- **Maximum energy saving** with up to **91% energy recuperation** and low capacity
- **Quietest solution** in its segment
- Ceiling or wall mounting (**horizontal or vertical**)
- 25 kg and Quick-Fix mounting system



Completely carefree thanks to the Installer App and the Installer Portal:

- Simple and fast setup, save up to 50% on installation time
- After the setup, receive a full installation report automatically via the portal.
- Unique Semi-automatic calibration → Lots of time saved for adjustment



More info



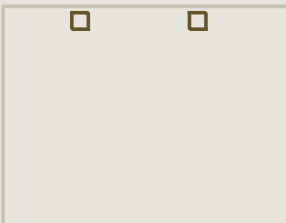
FLUX+FLAT ERV

Extra accessories

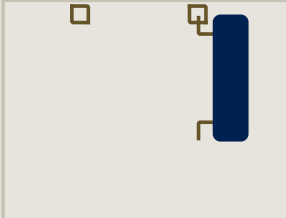
① Flux+ Flat ventilation unit		Including 2x G4 filter and 4x Mounting flange Ø 160 Quick-Fix ceiling bracket and wall bracket
Flux+ 225 Flat ERV	17791	
Flux+ 275 Flat ERV	11018	
Flux+ 370 Flat ERV	29911	
② Aeroo valve round white	17147	Other colours and models
③ Dry siphon	17792	1 per unit (optional)
Mounting flange Ø 160	11016	If more than 4 pipes are to be connected (optional)
Filter sets		G4 and F7

FLEXIBLE AND COMPACT INSTALLATION OPPORTUNITIES

Attach the Quick-Fix brackets to the ceiling

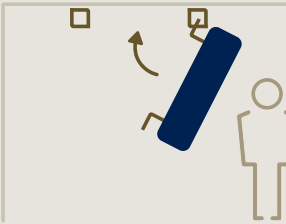


Attach Flux+Flat ERV to Quick-Fix brackets

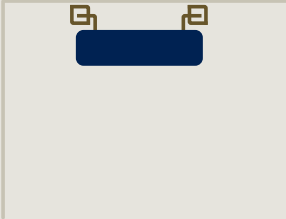


One-man-show
Lift & Attach
(when ceiling-mounted)

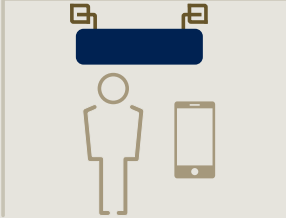
25 kg



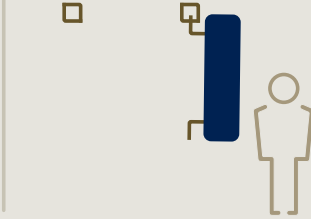
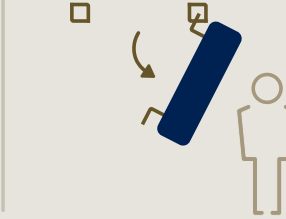
Flexible placement
wall & ceiling



Installer App
saving up to 50%
of total installation time
with Flux+Flat ERV



Service:
- Easy disconnection
of pipes
- Put in Service mode



ENDURA® DELTA

The solution for a healthy and comfortable indoor climate

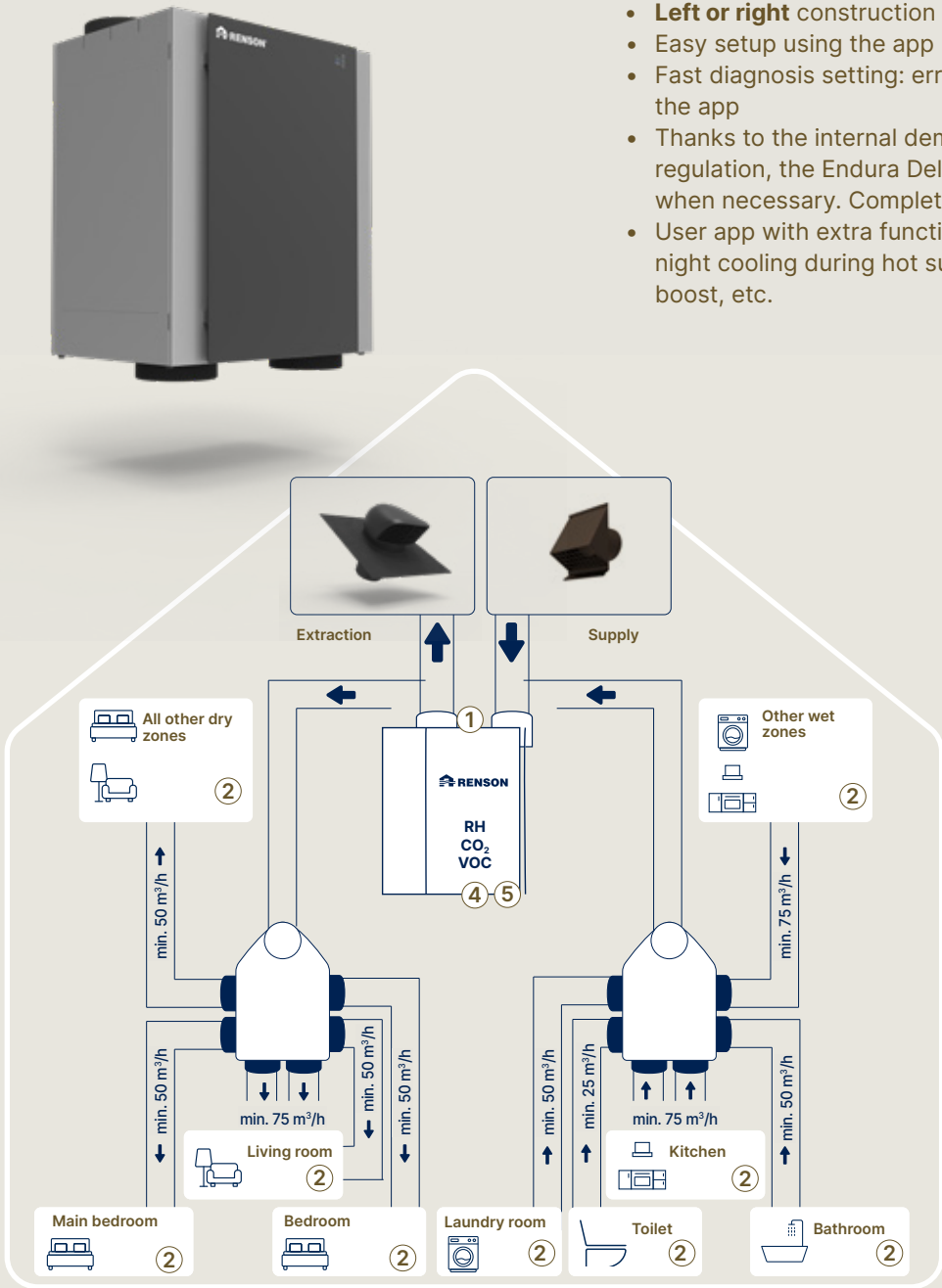
An energy-efficient and demand-driven ventilation system D+ with lots of benefits. It is perfect, particularly where higher airflow is required. Constant monitoring of the indoor air quality (RH, CO₂, VOC): the ventilation level is automatically and intelligently adjusted (24/24). In addition to ensuring a healthy indoor climate **in all rooms** this also tops off comfort, makes life easy for your customer and achieves maximum energy saving.



ENDURA® DELTA

PROPERTIES

- Can be connected both top and bottom! **Highly flexible choice of placement:** e.g. attic installation without bends and without loss of pressure using T2/B2 variant.
- **Left or right** construction possible
- Easy setup using the app
- Fast diagnosis setting: error codes can be read through the app
- Thanks to the internal demand control and intelligent regulation, the Endura Delta will only boost ventilation when necessary. Completely carefree
- User app with extra functionalities Breeze function for night cooling during hot summer months, temporary boost, etc.



More info



ENDURA® DELTA

① Endura® Delta ventilation unit			
ED330 T4 330m³/h	17819	Choose the unit that matches the required air-flow rate.	
ED380 T4 380m³/h	17821		
ED450 T4 450m³/h	12025		
② Aeroo valve round white	17147	1 per extraction 1 per pulse	Other colours and models see p. 29
④ Dry siphon			Automatically included with Endura Delta unit
⑤ Mounting base Endura® Delta	12021		
Other filter set Endura® Delta			

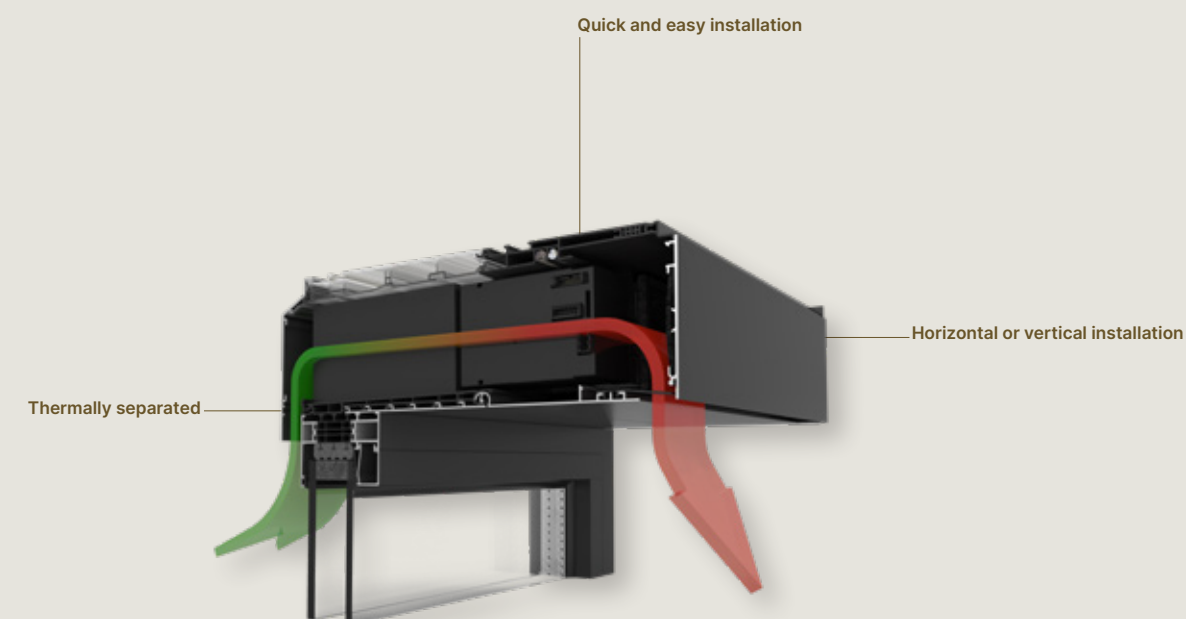
DECENTRAL WINDOW VENTILATION WITH HEAT RECOVERY

ENDURA® TWIST

IDEAL
FOR
RENOVATION

Decentral window ventilation with heat recovery

As no air ducts are required and thanks to the monobloc system, the Endura Twist can be installed very easily and quickly. It is available in both a horizontal version (placed above the window profile) and a vertical version (placed next to the window profile and perfectly combinable with screens/shutters). Combined with touch display operation, the Endura Twist reacts to excessively high CO₂ levels in the living area. The ventilation level is temporarily increased until a healthy CO₂ level is measured in the room again, after which the ventilation switches back to the normal level.



ENDURA® TWIST

PROPERTIES

- Easy, quick and flexible installation
- Night cooling in hot summer months
- Silent fan in the window vent
- Demand-controlled ventilation
- Optional filters (ePM1 75% or coarse 45%)
- No ventilation ducting required (also no cleaning of ventilation ducts!)
- Easy maintenance and filter replacement

Demand-controlled* Decentral mechanical ventilation with heat recovery

The Endura Twist is a decentral mechanical ventilation with heat recuperation which stores the heat of the indoor air in its regenerators. As the fans turn every 30 seconds, the regenerators pass the stored heat to the fresh incoming air, creating a pleasant preheated air being blown into the room.

Due to the continuous cyclic operation of the alternating fans, which ensures a **constant air supply and air extraction**, the customer can enjoy an optimal air quality at any time. The quick installation without ducts and easy maintenance make the Endura Twist ideal for both **new-builds** and **renovations**.

Thanks to its **innovative twisting technology**, the economical and highly efficient Endura Twist can boast a thermal efficiency of up to 80%.



* TouchDisplay integrated with CO₂ equivalent sensor.

More info



VARIOUS FEED OPTIONS AND DESIGNS

Horizontal



Supply air downwards

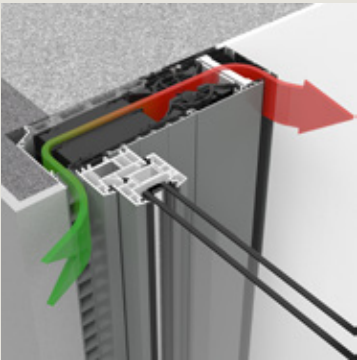


Supply air downwards with plaster profile

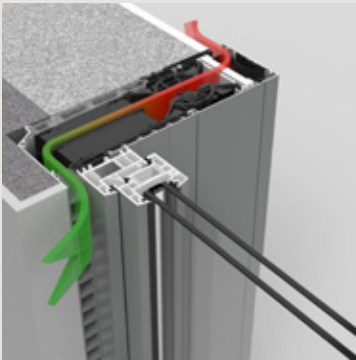


Supply air upwards

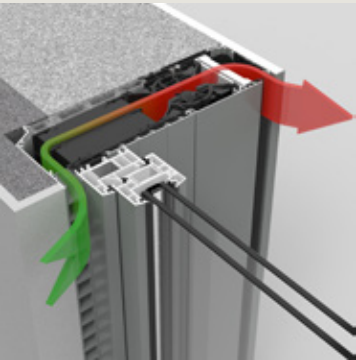
Vertikal



Supply air to the window



Supply air to the wall

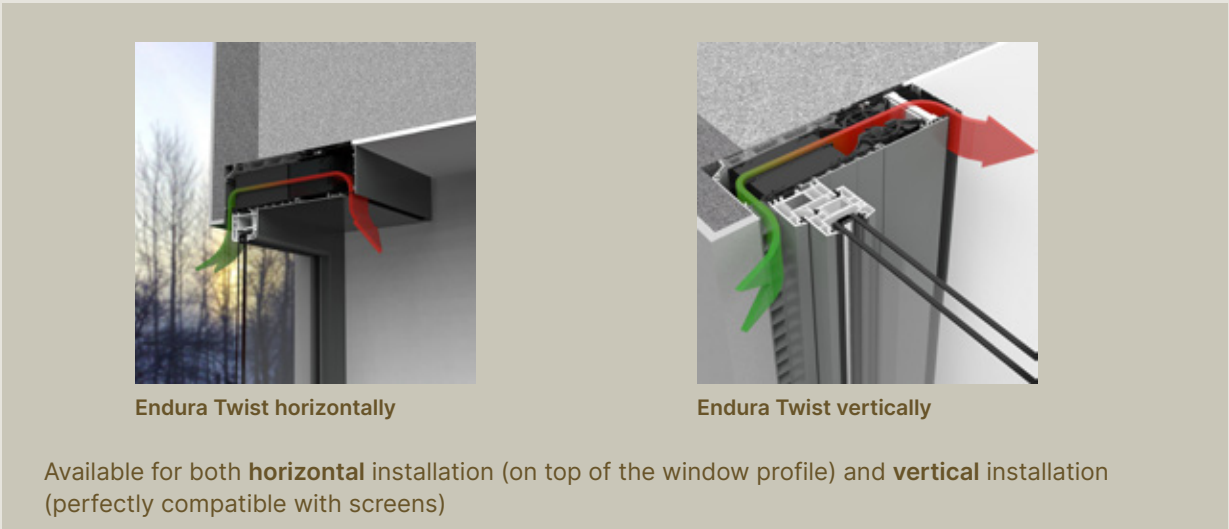


Supply air to the window with plaster profile

MODELS*

Endura Twist 2×1 2 × 1 Ventilator – Q _{nom} 15 m³/h	
Endura Twist 2×2 2 × 2 Ventilatoren – Q _{nom} 30 m³/h	
Endura Twist 2×3 2 × 3 Ventilatoren – Q _{nom} 45 m³/h	
Endura Twist 2×4 2 × 4 Ventilatoren – Q _{nom} 60 m³/h	
Endura Twist 2×5 2 × 5 Ventilatoren – Q _{nom} 75 m³/h	
Endura Twist 2×6 2 × 6 Ventilatoren – Q _{nom} 90 m³/h	

* Q_{nom} without filter



ACCESSORIES



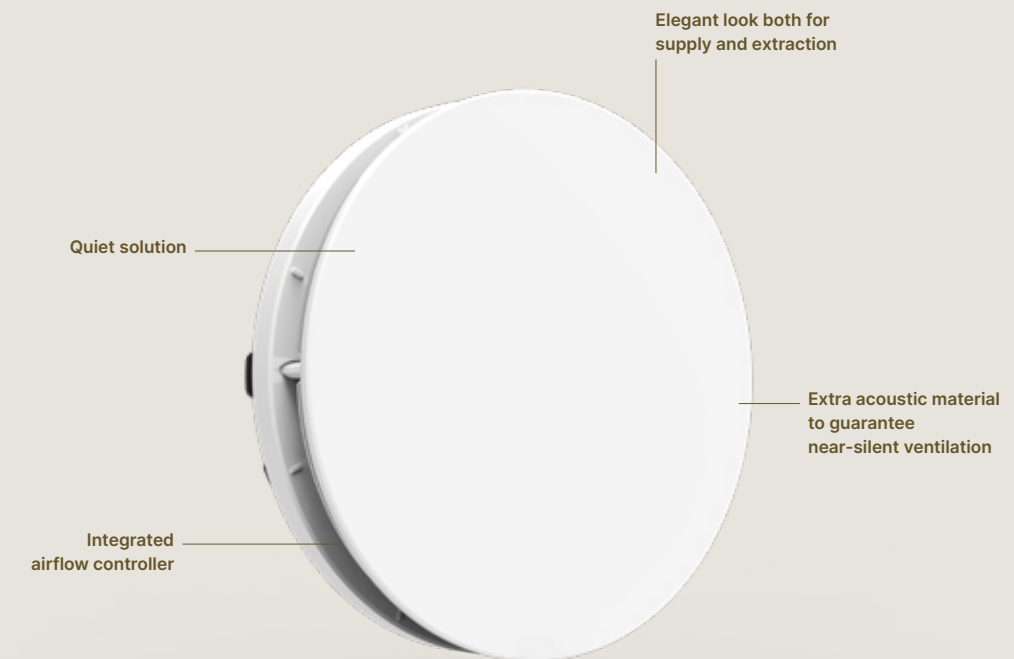
AEROO

Quiet, stylish and easy to install

Aeroo is the quietest solution for pulse and extraction. They are easy to install without screws. Renson uses acoustic high-performance valves to ensure the proper airflow in every room. Thanks to their sleek design, with only one valve for both pulse and extraction, these valves suit any style of home interior. They are also paintable. Thanks to an integrated airflow valve, the flow rate can be seamlessly and easily adjusted from the ground in each room using a handy setup tool.

PROPERTIES

- The quietest valve on the market.
- Toolless assembly: easy installation without screws
- 1 valve for pulse (up to 90 m³/h) and extraction (up to 100 m³/h) means less space is taken up in your warehouse or delivery van
- Adjustable from ground level using a handy accessory (option)
- All components are pre-assembled
- The valve position can be easily read on the valve
- Lowest pressure drop compared to other brands



Available in:



More info



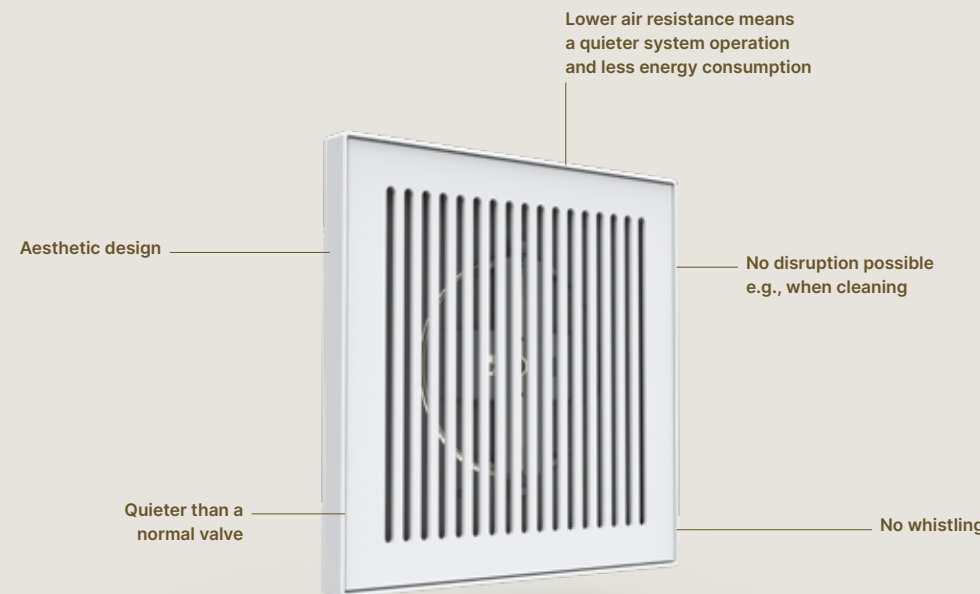
DESIGN EXTRACTION LOUVRES

Extraction louvres with design finish

Supply a high-performance installation that also integrates beautifully in the home design? That's no problem with our design extraction louvres and accompanying accessories. This means that everything can be beautifully integrated in different surfaces, such as plaster, wood and stone walls. A number of louver bases are automatically included in the Healthbox 3.0. If this number is sufficient for the number of rooms in the home you will only need to add the cover plates.

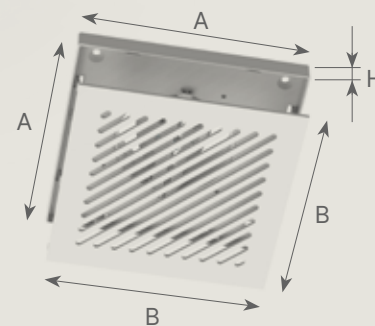
There are 2 types of louver base:

- **Adjustable:** for Cbase and Cube and the bedrooms with Healthbox Go, Healthbox 3.0 Config 0.61
- **Non-adjustable:** for Healthbox 3.0



Design extraction louvres

All Renson aluminium cover plates consist of 2 parts: a louver base and a cover plate. The louver bases are available in 2 diameters (Ø 80 mm & Ø 125 mm) and 2 models (adjustable and non-adjustable). Six different design louvres are available. For each design louver a model is available for connection to louver base Ø 80 mm and Ø 125 mm. The aluminium design louvres are supplied in RAL 9010 mat (white) but can also be painted afterwards.



Dimensions Ø 80: A= 134 B=130 H=11
Dimensions Ø 125: A= 174 B=170 H=11

3 Types:



Puro



Aqua



Artist

EASYFLEX®

The Easyflex air ducts ensure pure ease of installation: with their innovative design they fit our devices seamlessly for fast placement without problems later on.

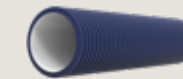
PROPERTIES

- Easy and **speedy installation: everything clicks together perfectly!** Plug-and-play with limited tools.
- Guarantees an **excellent airtightness** thanks to the unique modular connection system with integrated rubbers.
- Thanks to the above connection system, the Easyflex pipe system is classed as **air tightness D**, which means that **leak losses in the system are three times less** than Class C.
- The Renson extraction louvres and valves can also be seamlessly connected.
- **Anchored to the surfaces in two ways** to prevent the pipes from moving.
- Each channel can be carefully sealed using Renson **stoppers** and a fast seal creating a **perfect airtight seal**.
- **The right solution for every situation.**



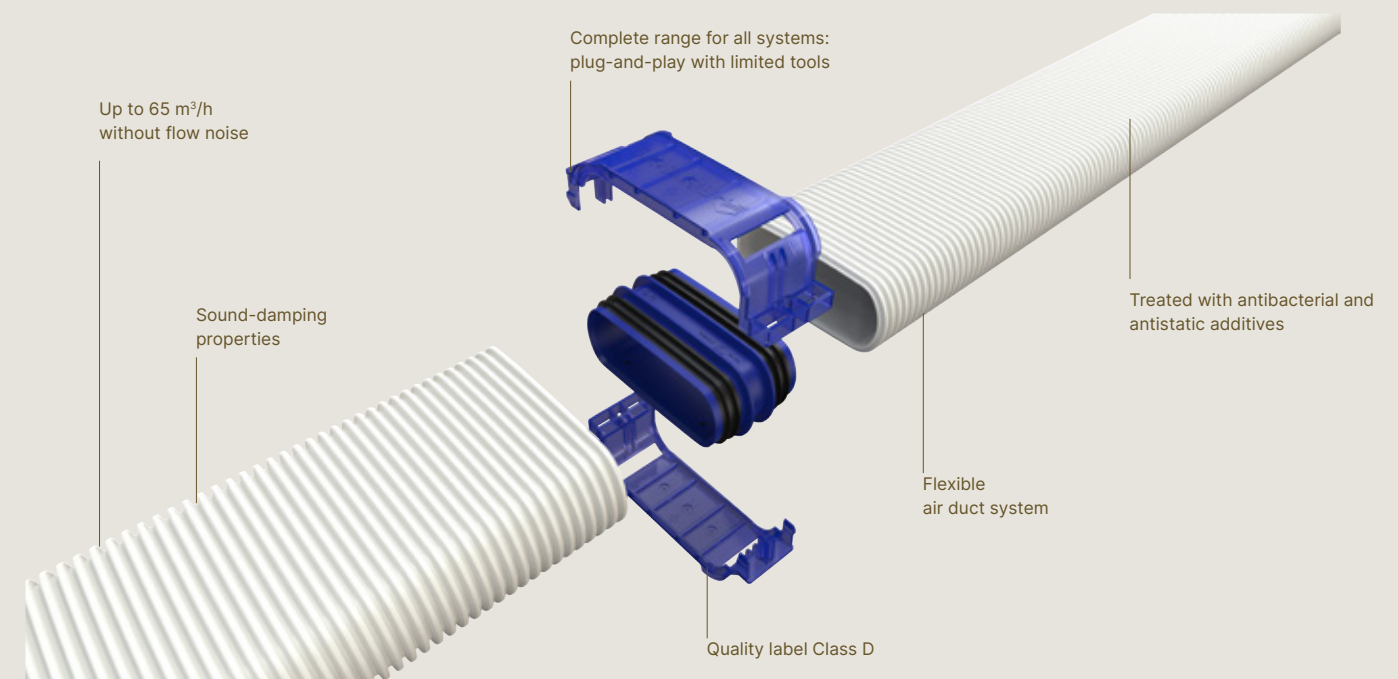
Flat oval

- Flexible with limited height. Result: less space needed in screed, insulation layer or false wall/ceiling. Precious savings on materials for your customer.



Round Ø 90

- Highly flexible, ideal for integration in concrete or surface-mounted
- Tip: get holes pre-drilled in vaulting



Placement Easyflex air ducts: step by step - Installation Easyflex air ducts: step by step - YouTube



WHY RENSON?

At Renson, we believe that high-quality products and innovative solutions contribute to an energy-efficient, comfortable and healthy life. There is a reason why our baseline is 'Creating healthy spaces'. And in doing so, we start from a few basic principles.



MINIMALIST DESIGN

We aim high when it comes to design. Renson solutions discretely fit into any project. The detailed finishing and seamless integration contribute to this fact.



THE POWER OF INNOVATION

Our hunger for innovation is what drives progress. We achieve impressive results together by developing and applying innovative technologies.



ENDLESS CUSTOMISATION OPTIONS

For your home or workspace, rustic or contemporary. Configuring a solution tailored to each customer and building is quick and easy.



SUSTAINABLE ENTREPRENEURSHIP

We cannot build a healthy living environment without tending to a healthy world. From our choice of materials to our production and logistics, we are building a sustainable business.



ULTIMATE EASE OF USE AND MAINTENANCE

Thorough engineering is a function of ease of use and minimum maintenance. From configuration and ordering to quick and trouble-free installation, with our digital platform, RIO, as its beating heart.



AMBASSADORSHIP

You are convinced about our products and enthusiastically share this with the world. In turn, we are proud that you are the connecting factor between Renson and your customers. Just for you, we created the Renson Ambassadorship: a long-term partnership. This quality label guarantees your customers that you are a reliable expert in ventilation with excellent product knowledge and perfect service, from installation to the first service visit.

What does your Ambassadorship stand for?

- You share your passion for Renson with a strong professional network.
- Every two years, you will be invited to our Ambassador Days where you can network with your colleagues to your heart's content.
- You are among the first to gain access to innovative and market-specific products and solutions.
- You have access to exclusive promotions for end customers, supported by media campaigns (online/offline).
- Through our lead tool, you will get one-to-one leads per region, which we receive via our communications, trade shows and events.
- We put you in the spotlight regularly and support you through co-branding to develop the Renson brand in your region.
- We promote you to your end customers.
- You may wear the exclusive quality label of Renson Ambassador.

**WANT TO JOIN OUR RENSON AMBASSADOR FAMILY?
GET IN TOUCH WITH YOUR RENSON CONTACT.**

