C·L E A I·R

MECHANICAL VENTILATION

Belgium EN I 2018

RENSON®
Creating healthy spaces

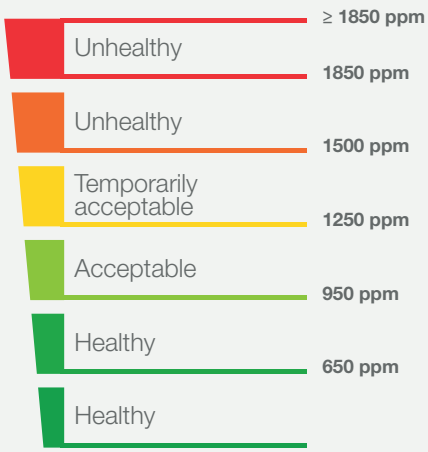
WHY VENTILATE?

Contrary to what many people think, the inside air quality is on average 10 times worse than the outdoor air quality. Cooking, showering, heating, cleaning and even breathing and sweating ensure polluted air. Too much moisture inside also leads to odours, condensation and mould, especially in well insulated or insufficiently ventilated houses. And then there is the house itself, that, with volatile organic compounds (such as formaldehyde) in the building materials used, also has a bad effect on indoor air quality.

GOOD FOR THE OCCUPANT AND THE HOME

Many people are convinced that occasionally opening the windows is enough to provide the necessary ventilation. However, the effect achieved is temporary and local. Moreover, ventilation through open windows is not controlled, resulting in costly energy loss. Open windows are also accompanied by noise nuisance and are an invitation to burglars and annoying insects.

Continuous and controlled ventilation is your only guarantee of a healthy indoor climate. The polluted inside air is discharged and continuously replaced by fresh outside air. The house will, as a result, be 'rinsed' with fresh air.



In the long run, a poor indoor climate can damage the residents' health. Respiratory problems, dry throat, eye irritation, headache, allergies, concentration loss, energy shortage or drowsiness are just some of the possible consequences. That is why it is extremely important to maintain thorough ventilation on a regular basis.

CO_2 MONITOR

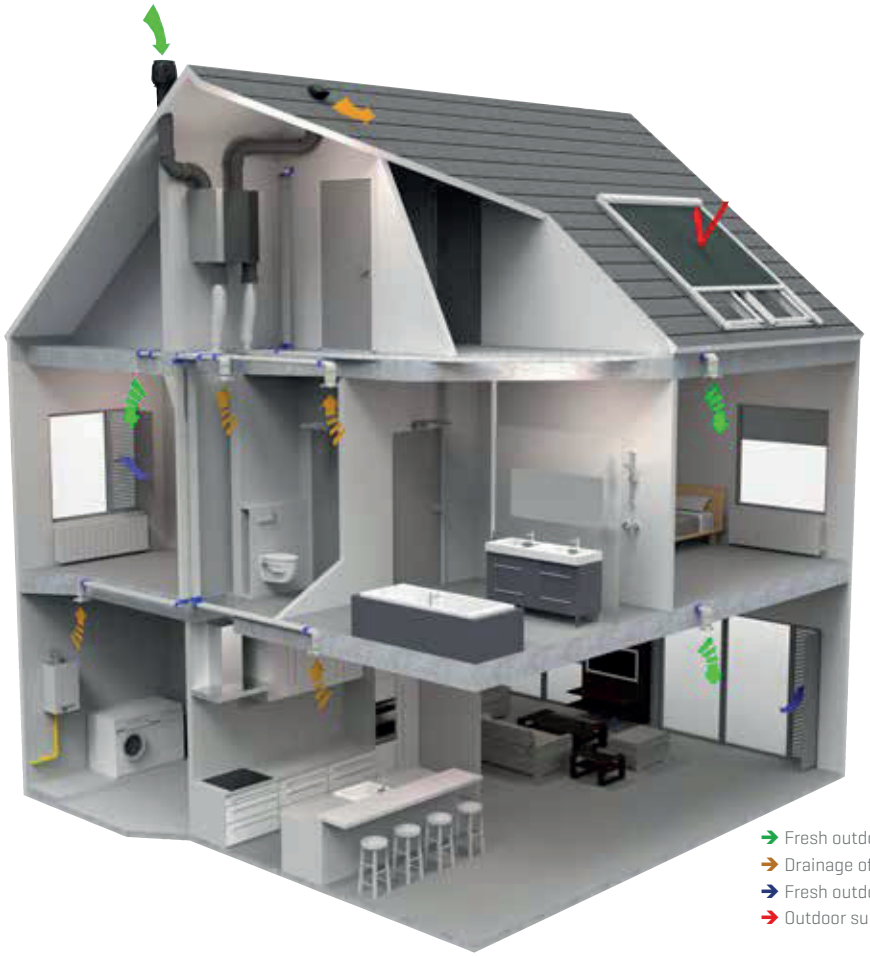
The CO_2 concentration is an important indicator for good indoor air quality and can be measured with the Renson® CO_2-monitor. The air quality becomes expressed in CO_2 particles per million air particles. (ppm = parts per million).

The maximum assumed value is 1200 ppm CO_2. Above this value, people may suffer headache, drowsiness, fatigue or irritation of the mucous membranes at a CO_2 concentrations above 1000 ppm the concentration ability decreases.

SYSTEM D+®

Endura® Delta: demand-controlled, central ventilation with heat recovery

The Renson® D+ system is based on a combination of demand-controlled ventilation (2 fans for air supply and air extraction) and heat recovery to create a pleasant indoor climate.



Endura® Delta 330 T4

Endura® Delta 380 / 450 T4

Endura® Delta 330 T2/B2

Endura® Delta 380 / 450 T2/B2

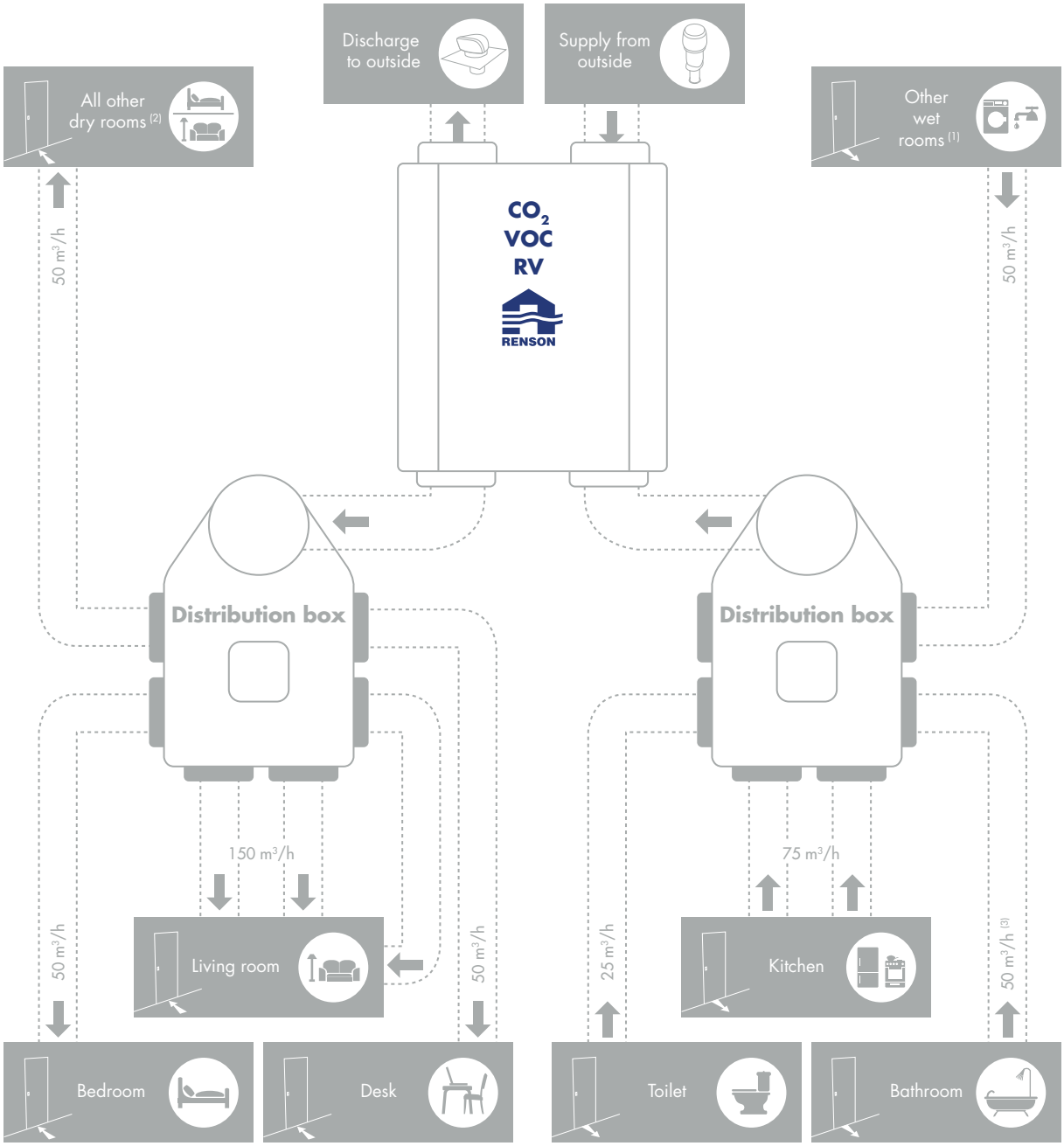
Demand-controlled, central ventilation with heat recovery.

SYSTEM D+®

Endura® Delta: demand-controlled, central ventilation with heat recovery

0,93

SMART - 0,93



Throughput as Supply

Throughput as Extraction

Shading factors	
$f_{reduc,vent,heat}$	= 0,93
$f_{reduc,vent,cool}$	= 1,00
$f_{reduc,vent,overheat}$	= 1,00

Building application from 2015 onwards

RV = Relative humidity detection VOC = Volatile organic components detection CO_2 = Carbon dioxide detection
The displayed air flows are only indicative. Minimum air flow to be determined in accordance with EPB decision.
(1) Laundry room, drying room or analogue room
(2) Living room, study, playroom or analogue room
Starting at 57 m3/h split it into 2 channels for additional acoustic comfort.

Endura® Delta

ED 330 T4
ED 330 T4 PH
ED 330 T2/B2
ED 330 T2/B2 PH

ED 380 T4
ED 380 T4 PH
ED 380 T2/B2
ED 380 T2/B2 PH

ED 450 T4
ED 450 T4 PH
ED 450 T2/B2
ED 450 T2/B2 PH

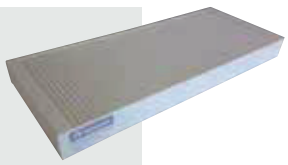
Note: Standard left-version, can be easily converted to right-version
T4 = upper connections - T2/B2 = upper and lower connections - PH = with preheater.


330 T4


380 / 450
T2/B2

Filters

Coarse (G4) filter cassette - coarse filter
ePM1 (F7) filter cassette - fine / pollen filter
Coarse (G4) filter cassette + activated carbon filter



Mounting base

Mounting base Endura Delta

Design valves

SQair supply valve (Deluxe)
SQair extraction valve (Deluxe)
SQair supply valve (Basic)
SQair extraction valve (Basic)
Filter SQair pulsion

Distribution box

Easyflex® distribution box angled 160
6 fastening brackets included
Easyflex® distribution box straight 160
6 fastening brackets included
Easyflex® distribution box 8 connections
8 fastening brackets included
Easyflex® straight double adaptor ø125

TECHNICAL SPECIFICATIONS

	Endura® Delta 330	Endura® Delta 380	Endura® Delta 450
Product data			
Total air flow	330 m³/h (92 l/s) at 150 Pa	380 m³/h (106 l/s) at 150 Pa	450 m³/h (125 l/s) at 150 Pa
Efficiency (EN308)	89% at 100 m³/h (27 l/s) 84% at 250 m³/h (70 l/s) 82% at 325 m³/h (90 l/s) 81% at 350 m³/h (97 l/s)	88% at 100 m³/h (27 l/s) 85% at 200 m³/h (56 l/s) 83% at 300 m³/h (84 l/s) 81% at 400 m³/h (111 l/s)	87% at 100 m³/h (27 l/s) 83% at 250 m³/h (70 l/s) 81% at 350 m³/h (97 l/s) 79% at 450 m³/h (125 l/s)
Maximum power consumption	2 x 85W	2 x 83W	2 x 115W
Fans			
	EC fans		
	Constant flow control		
Unit			
Dimensions	862x745x520 mm (HxWxD)		
Weight	41 kg	46 kg	46 kg
Connections	180/150 mm or 200/180 mm		
	T4 (4 upper connections)		
	T2/B2 (2 upper and 2 lower connections)		
Configuration	Available in left-hand version (possible to convert to right-hand version)		
Optional pre-heating element	Max. power 1000 W		
	Modularly controllable		
Full bypass	Automatic		
	Modularly controllable		
	Breeze function		
Integrated condensation drain	Ø 32 mm		
Filters	2 x coarse cartridge filters		
	PM1 cassette filter or coarse + active carbon filter		
Integrated TouchDisplay in front panel	-	Configure and control unit	Configure and control unit
	-	Error messages	Error messages
	-	Filter message	Filter message
	-	Visualisation of ventilation levels	Visualisation of ventilation levels
Internal sensors: demand-controlled ventilation	Relative humidity		
	CO_2		
	VOC		
External input/output	Digital input/output 24V		
	Analogue input/output 0-10V		
Ethernet connection	For using Endura Delta app		
External air quality sensors	External air quality sensors can be joined (master Touch Display + slave air quality sensors)		
Pre-heating element	Optional integration		
Features			
Operation	Schedule		
	Timers		
	Demand-controlled via internal and/or external sensors		
Frost protection	Automatic		
Breeze function	Optimal cooling in summer		
Fireplace function	With external pulse switch		
	Temporary overpressure		
Holiday mode	Most energy-efficient ventilation during absence		
Filter message	Indication when filter cleaning/replacement is due		
Control			
Endura Delta app	Android, iOS		
TouchDisplay	On the device (Endura Delta 380/450) or optionally in the room with air quality sensor(s)		

SYSTEM C+®

Healthbox® 3.0: demand & zone controlled extraction of polluted air

The Renson® C+ systems use a combination of self-regulating Invisivent window ventilations and demand-controlled discharge ventilation (**controlled per zone**) to create a pleasant and healthy indoor climate.

- Fresh outdoor air supply
- Drainage of polluted indoor air
- Fresh outdoor air for nightcooling
- Outdoor sun protection

Healthbox® 3.0

Demand-controlled **zone controlled** extraction of polluted air from the home.

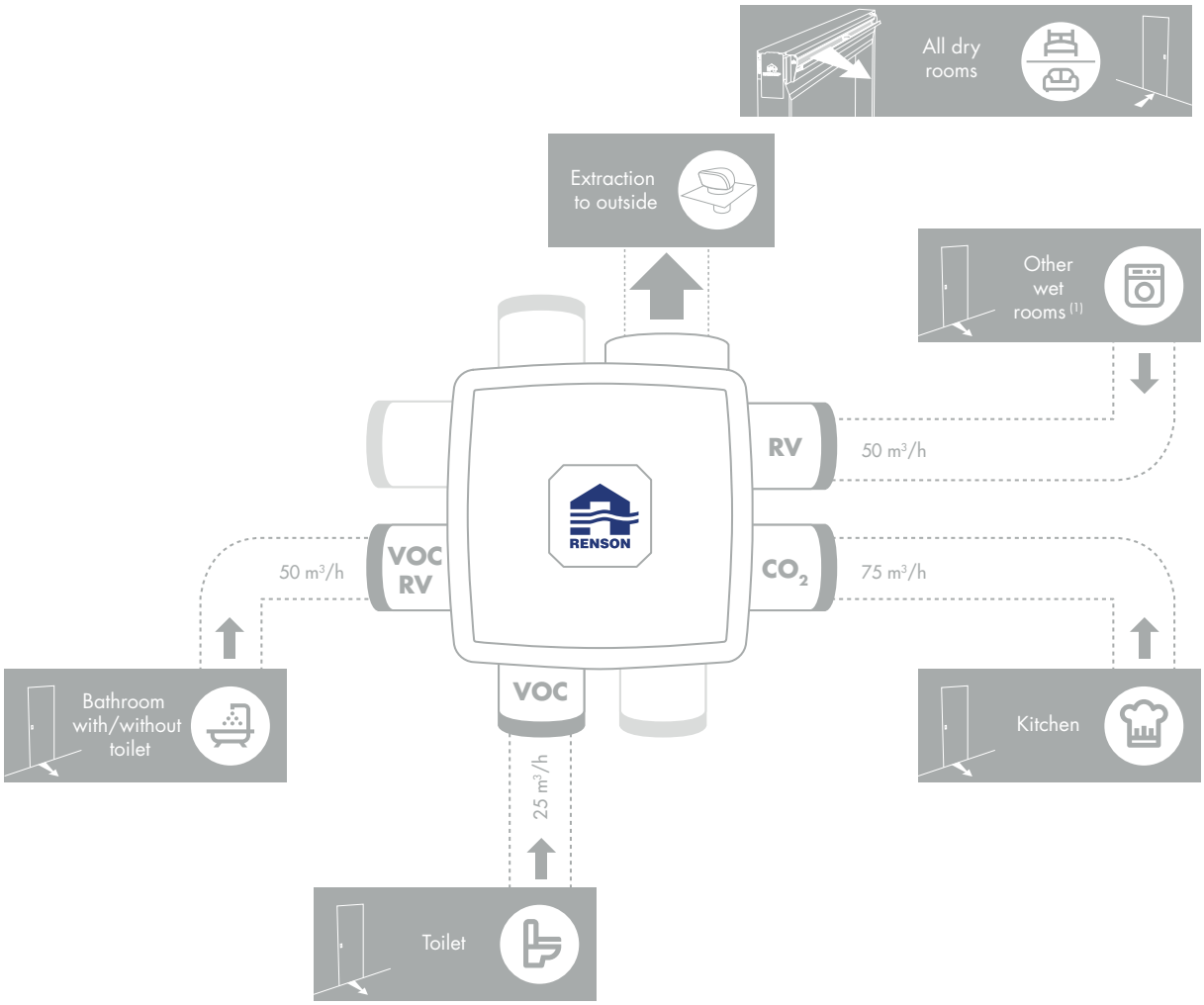
Healthbox 3.0 is equipped to ventilate up to 7 rooms as standard. By using valve collectors, it is possible to ventilate up to 11 rooms.

SYSTEM C+®

Healthbox® 3.0: demand & zone controlled extraction of polluted air

0,9

Smart - 0,90



Throughput as Supply

Throughput as Extraction

Valve

Each valve controls a maximum of 1 local.
RV = Relative humidity detection VOC = Volatile organic components detection CO_2 = Carbon dioxide detection
The position of the valves can be freely determined.
Breeze function present = demand controlled automatic deactivation in case of overheating
The air flows displayed are only indicative. Minimum air flow to be determined in accordance with EPB decision.
(1) Laundry room, drying room or analogue room

Shading factors	
$f_{reduc,vent,heat}$	= 0,90
$f_{reduc,vent,cool\ (3)}$	= 1,00
$f_{reduc,vent,overheat\ (3)}$	= 1,00

Building application from 2015 onwards

Basic package Healthbox® 3.0

Kit Healthbox 3.0
1 x Healthbox 3.0 motor unit
1 x kitchen kit
1 x bathroom kit with toilet
1 x toilet kit

Kit

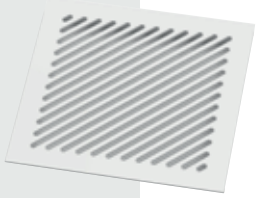
Kitchen kit CO_2
Bathroom kit VOC + H_2O
Toilet kit VOC
Laundry room kit H_2O

Kit valve collector

T-piece
1 x T-piece
2 x adaptor 125-80

Print
1 x print
2 x self tapping screw
1 x patch cable 0.5 m

Cover plate



Cover plate Puro Ø80
Cover plate Puro Ø125

Cover plate Square Ø80
Cover plate Square Ø125

Cover plate Diagonal Ø80
Cover plate Diagonal Ø125

Cover plate Aqua Ø80
Cover plate Aqua Ø125

Cover plate Artist Ø80
Cover plate Artist Ø125

Cover plate Deco Ø80
Cover plate Deco Ø125

Design valves

SQair extraction valve (Deluxe)
SQair extraction valve (Basic)

TECHNICAL DATA SHEET:

Healthbox® 3.0

ITEM CODE

Item code	Designation	Main components
HB100	Healthbox 3.0 kit	• Healthbox 3.0 fan unit • Control valves: kitchen - bathroom - toilet
HB101	Healthbox 3.0 SmartZone kit	• Healthbox 3.0 fan unit • Control valves: kitchen - bathroom - toilet - two bedrooms

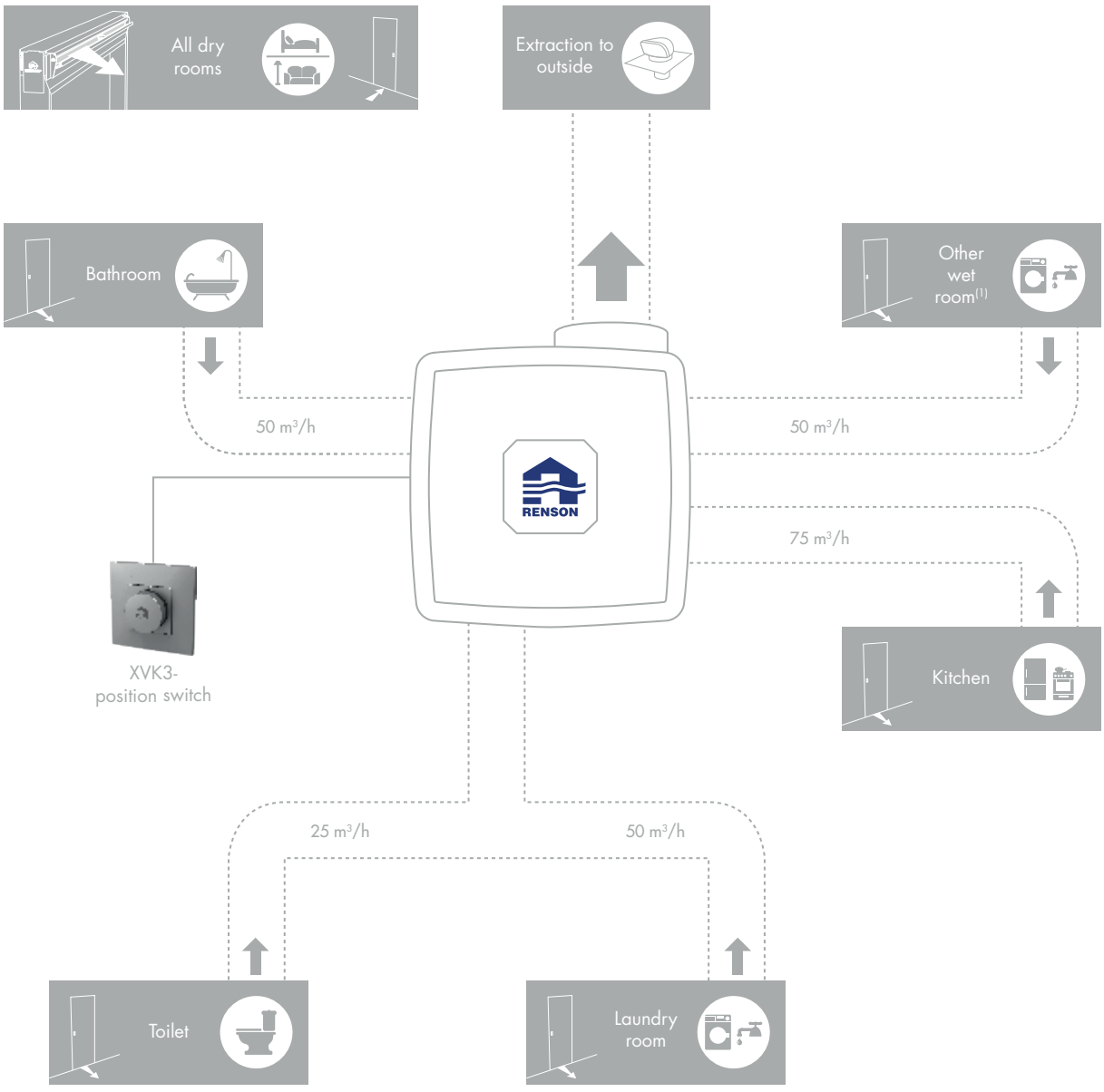
SYSTEM SPECIFICATIONS

Type of ventilation	Mechanical demand-controlled extraction
(Max.) ventilation flow rate	475 m^3/h (at 135 Pa) 430 m^3/h (at 200 Pa) *Fan specifications: see technical drawings*
Supply voltage	230 VAC ±10% (50 Hz, 60 Hz) *Mains plug included*
Fan unit rated power - At max. flow rate of 150 m^3/h: - At max. flow rate of 225 m^3/h: - At max. flow rate of 325 m^3/h: - At max. flow rate of 400 m^3/h: - At max. flow rate of 475 m^3/h:	 28 watts 35 watts 53 watts 80 watts 85 watts *See graphs*
Dimensions: - Fan unit without control valves - Fan unit with control valves	 390 x 443 x 200 mm (LxWxH) 567 x 567 x 200 mm (LxWxH) *See technical drawings*
Connection dia. for intake duct	Choice via adaptor: 80 and/or 125 mm dia.
Connection dia. for extraction duct	Choice via adaptor: 125 or 150 mm dia. *(160 mm dia. via optional ring)*
Fan	Extremely quiet & energy-efficient EC motor with 180 mm dia. impeller. Active variable pressure control: the lowest possible pressure level is set in each case consistent with the required extraction flow rates.
Maximum fan operating pressure	350 Pa – Recommended operating pressure at design flow rate: ≤ 200 Pa – Target value for a very good operating pressure at design flow rate (cf. TV No. 258): ≤ 100 Pa
Calibration readout	Via user app, installer app & Renson web portal
Automatic calibration of ventilation flow rates *(patented)*	Takes place in 2 successive stages: – Stage 1: pressure drop readings taken automatically in all air ducts – Stage 2: valve positions for air distribution calculated automatically
Maximum number of connection points for extraction: – Basic form – Using valve collectors	 7 11 *(subject to a few limiting conditions)*
Valve collector	1 or 2 valve collectors to be connected to the fan unit, with 1 to 3 control valves to be connected to each valve collector. The valve collector can also be connected remotely from the fan unit. Electrical connection (UTP cable Cat 5e, wire gauge 24AWG, 30 metres max.).
Connections	– 1x LAN connection – 2x USB connection *(USB dongle for Wi-Fi connection included)* – Inputs: 3x DIGITAL, 1x ANALOGUE (0-10 V) – Outputs: 2x DIGITAL, 1x ANALOGUE (0-10 V)
Breeze function	Temporary nominal ventilation (= demand control deactivated) at times when there is a given cooling need (=> optimum shading factors)

SYSTEM C

Cbase: not demand-controlled, central extraction of polluted air

1,0



Throughput as Supply

Throughput as Extraction

Shading factors	
$f_{reduc,vent,heat}$	= 1,00
$f_{reduc,vent,cool}$	= 1,00
$f_{reduc,vent,overheat}$	= 1,00

The air flows displayed are only indicative. Minimum air flow to be determined in accordance with EPB decision.
(1) Laundry room, drying room or analogue room

Basis package Cbase

Kit

1 x motor unit EX330CB
4 x cover cap and/or Red Ø125 > Ø80
2 x cover cap Ø125
1 x adaptor 125-150 mm (exhaust)
1 x power cord

Modular grill frame

Ø80
Ø125

1 x grill frame
1 x plaster cardboard

Position switch

XVK3 position switch

Cover plate

Cover plate Puro Ø80
Cover plate Puro Ø125

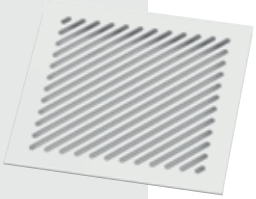
Cover plate Square Ø80
Cover plate Square Ø125

Cover plate Diagonal Ø80
Cover plate Diagonal Ø125

Cover plate Aqua Ø80
Cover plate Aqua Ø125

Cover plate Artist Ø80
Cover plate Artist Ø125

Cover plate Deco Ø80
Cover plate Deco Ø125



Design valves

SQair extraction valve (Deluxe)
SQair extraction valve (Basic)

TECHNICAL DATA SHEET:

Cbase

PRODUCT SPECIFICATIONS

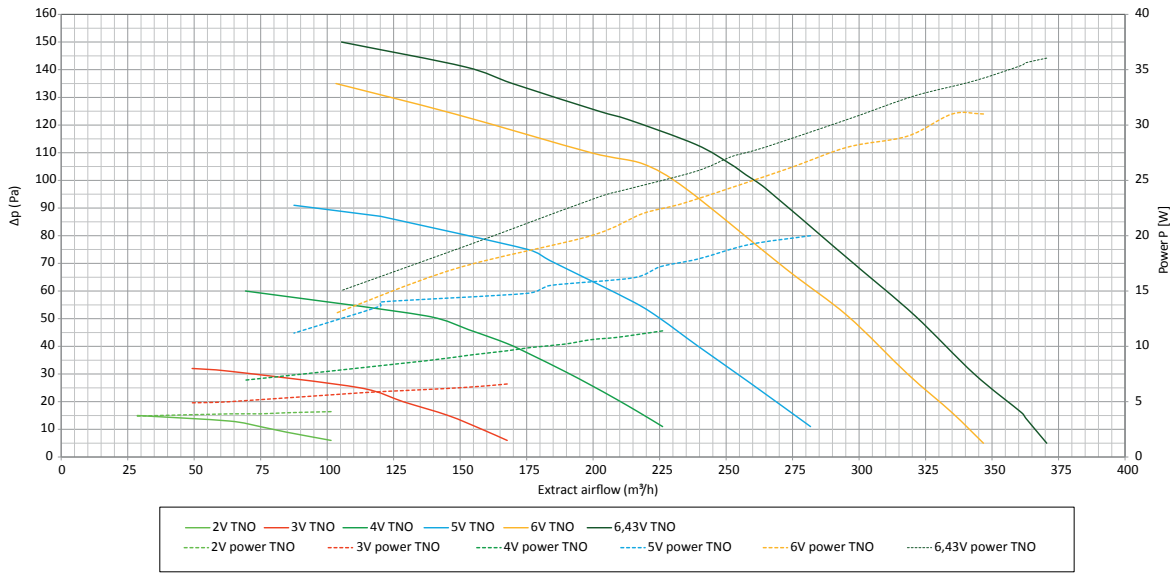
45 dB[A] 262 m³/h

- 0-10V silent, vibration-free EC motor
- Variable airflow and pressure level according to the chosen voltage (0-10V), maximum airflow of 262 m³/h at 100Pa
- Continuous adjustment
- 3 stage switch (sold seperatly)
- Possibility to connect up to 6 wet rooms thanks to 6 extraction inlets on the ventilation unit (branching ducts is possible)
- Standardly 4 inlet points are equipped with adjustable air canal joints Ø125 en Ø80 / 2 inlets are closed off with a stop
- Extraction Ø125 mm (with adaptor to Ø150 mm)
- Recyclable plastic housing (polypropylene)
- Compact: easy to integrate in a technical room, attic or suspended ceiling
- Mounted horizontally or vertically by means of 4 screws
- Easy maintenance of the ventilation unit thanks to the removable cover
- Whisper quiet motor

TECHNICAL SPECIFICATIONS

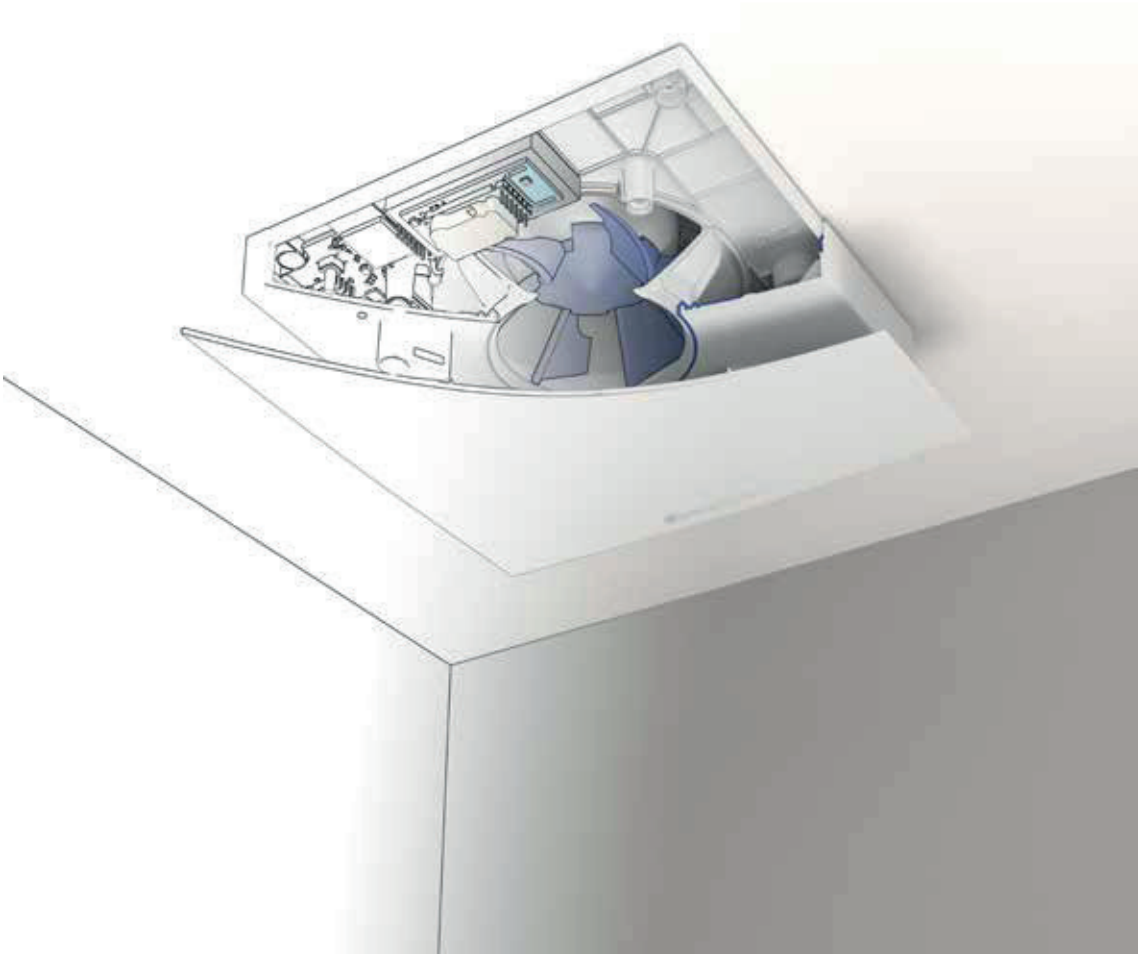
- Dimensions: 320 x 320 x 180 mm (LxWxH)
- Weight: 3,370 Kg
- Voltage: 1 x 230V/50Hz
- Average power consumption: depends on the chosen ventilation stage
- Maximum power consumption: 28 W

FAN CURVES



WAVES®

The smartest ventilation solution for your existing home



Export EN I 2020

RENSON®
Creating healthy spaces

THE IMPORTANCE OF 'WAVES'

In a world where pursuing a healthy lifestyle is gaining more and more ground, people tend to overlook that a healthy indoor climate is just as essential. This is where Waves comes into play. Waves has been conceived to best fit the needs of people whose home is not equipped with a fully-fledged ventilation system. Its small size and versatility will allow you to reap the benefits of demand controlled ventilation.

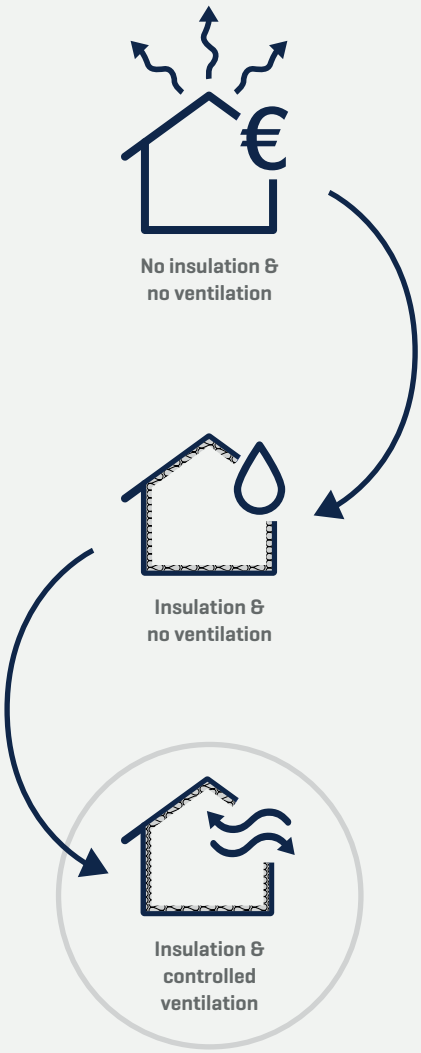
WHAT CAN VENTILATION MEAN FOR YOU?

Contrary to popular belief, the indoor air quality is on average 8 times worse than the outdoor quality. Cooking, showering, cleaning, sweating, even breathing all result in polluted air. As building become increasingly airtight, these pollutants are trapped inside the building. Rather than letting in new, fresh air, the air moves around, contributing to a poor indoor climate.

DEMAND CONTROLLED VENTILATION

It is not possible for us human beings to detect changes in air quality. For example, we cannot sense when certain air pollutants reach excessively high concentrations. Consequently, we cannot expect an occupant to be able to assess the level of ventilation required for a healthy indoor climate.

Therefore, it is important that the ventilation level should be adjusted automatically according to the actual ventilation requirements. This is achieved through intelligent sensors that can adapt to different situations at any given time. If the air in the room is of good quality, then the extraction flow rate in that room is lowered. This automatic adjustment will allow for a significant cut in energy consumption.



TYPES OF WAVES

As opposed to traditional bathroom or toilet fans (which you have to turn on and off with a switch), Waves goes one step further. With its sensors, Waves will monitor the air quality for CO_2, humidity and unpleasant odours and adjust its ventilation level accordingly. Waves is the perfect solution for those who think of renovating their bathroom, installing an additional toilet or fitting a new kitchen and who always want superior indoor air quality. Apart from the version with humidity and VOC sensor, Waves is also available with an additional CO_2 sensor. This sensor detects CO_2 in the indoor air. When CO_2 levels in adjacent rooms are too high, Waves will boost its ventilation level so that the indoor air quality starting from the bathroom, toilet or kitchen returns to normal.

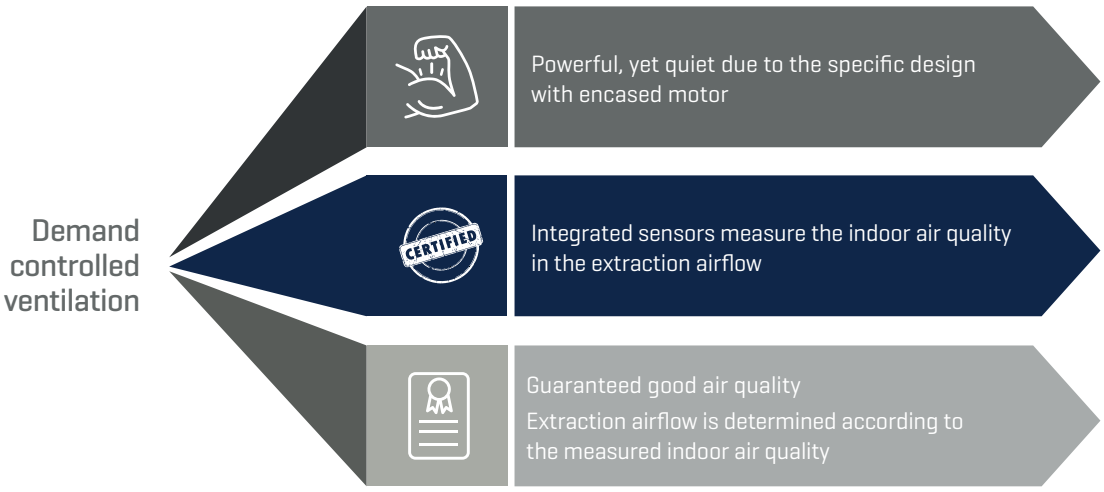
Waves

- 0 to 100 % +/- 3 %
- 10 to 75 °C +/- 0.2 °C
- Odours & chemicals

Waves CO_2

- 0 to 100 % +/- 3%
- 10 to 75 °C +/- 0.2 °C
- Odours & chemicals
- CO_2

- 220-240 V
- 802.11 b/g/n @2.4GHz



WATCH THE VIDEO HOW TO INSTALL WAVES?

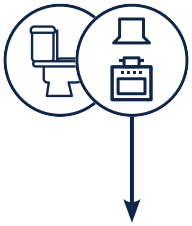
WWW.YOUTUBE.COM/ WATCH?V=YSI04SA_7HK

PRACTICAL GUIDE

WHAT SHOULD YOU BEAR IN MIND WHEN INSTALLING WAVES?

Waves has been designed to be installed in the bathroom, toilet or kitchen. While Waves detects odours and humidity, Waves CO_2 also checks CO_2 levels.

In these rooms

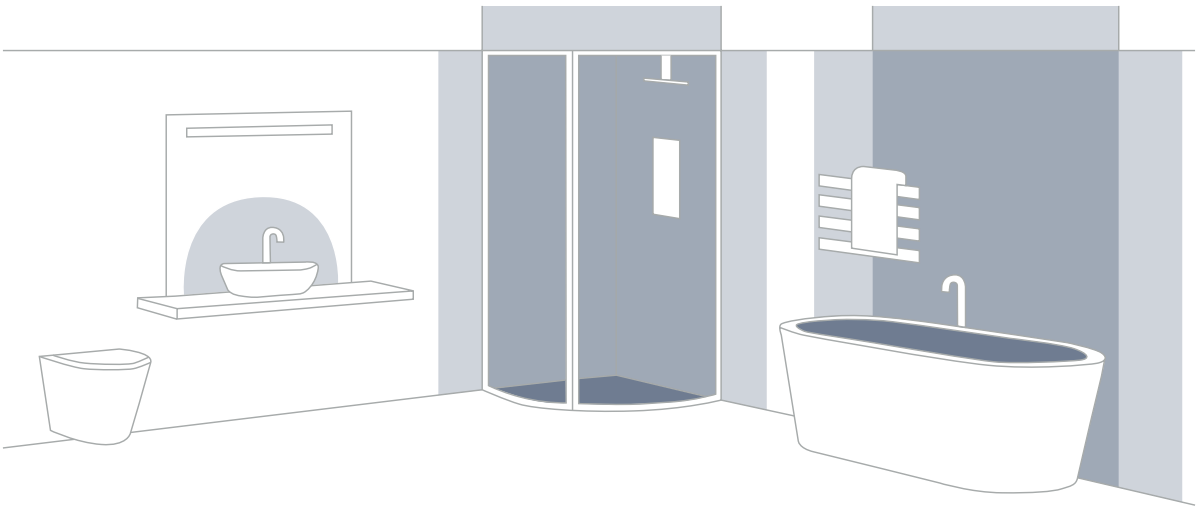


In your bathroom

IP44

We'd like to point out that Waves must be installed at least 5 cm away from the wall. This is to make sure that the front cover can always be removed.

When installing an electrical appliance in your bathroom, be aware you cannot place it wherever you please. A bathroom is divided into four zones (0 up to 3), ranked according to the risk level of water getting close or touching the electrical supply. Waves is suitable to be installed in zones 2 and 3.



RECOMMENDED AIRFLOW

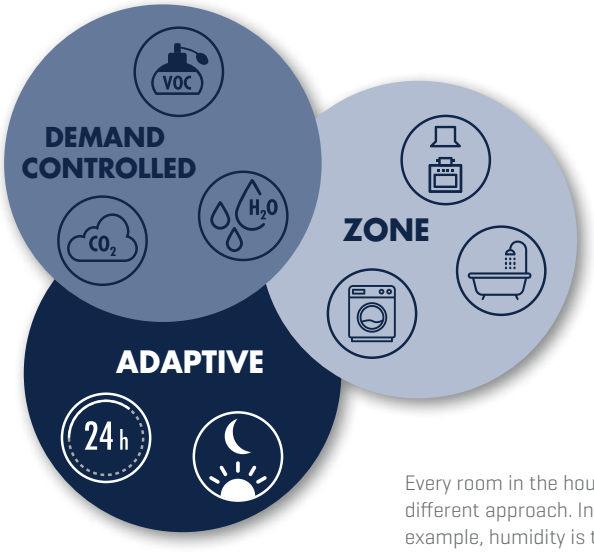
Room	Minimal airflow
Bathroom	50 m^3/h
Laundry room	
Kitchen	75 m^3/h
Toilet	25 m^3/h

Zones

- **0** Min. IP-X7, protection against immersion, up to 1 m depth
- **1** Min. IP-X5, protection against water jets
- **2** Min. IP-X4, protection against splashing of water
- **3** Min. IP-X1, protection against dripping water

SMART VENTILATION

Because people are unable to see air, we need sensors that analyse the air quality for us. A ventilation system should at least monitor and automatically adjust humidity and VOC/CO_2 levels.



Ventilation is not only smart, but also takes into account the lifestyle of the occupant and the occupancy rate of the property. By adjusting the ventilation level in accordance with these parameters, you can avoid a lot of unnecessary energy consumption (on average 30 % to 50 % compared to a non-demand controlled ventilation system).

Every room in the house requires a different approach. In the bathroom, for example, humidity is the biggest problem, while odours and CO_2 levels are the main culprits in a toilet or a bedroom. That's why it's best to regulate the ventilation level of each room separately.

In addition, Waves can refresh the air from adjacent rooms (such as bedrooms) based on the air quality of the extracted air (e.g. Waves in the bathroom).

A CLEAR VIEW ON AIR QUALITY

SMARTCONNECT

The integrated SmartConnect system bridges the gap between Waves and the digital world. It allows the user to interact with the device through the app. This app will not only help you set up Waves, but it will also monitor changes in air quality which you can always keep track of. In addition, SmartConnect will keep you informed on new features and will perform software updates automatically.

** Our app complies with the European regulation on data protection (GDPR).*

SILENT MODE

Another convenient setting is silent mode: use this to lower the flow rate during certain hours, for example at night.

DOWNLOAD THE APP

GET IT ON Google Play

Download on the App Store

WWW.MY-LIO.EU

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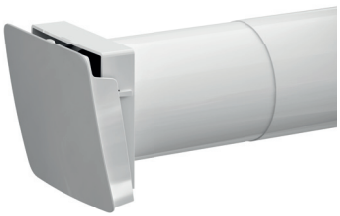
INTAKE VENT

By wallpapering or painting, the Renson intake vent blends stylishly into the wall.

- ☑ Blends into the wall
- ☑ No additional maintenance required
- ☑ Draft free design
- ☑ Filters contaminants from the air
- ☑ Fast and easy filter change
- ☑ Easy installation
- ☑ With thermostat



No draft design

The Renson® intake vent brings fresh outdoor air into the building. The vent is designed to prevent uncomfortable draft as the air flow is directed upwards, where the fresh air mixes with the warm indoor air. This will keep the room temperature at an ideal level without the sense of draft.

Use & installation

The Renson® intake vent is suitable for both new buildings and renovation projects. It can be used in detached houses, multiapartment houses and row houses. The intake vent is installed on a wall. The vent can also replace an old air intake vent. Installing is quick and easy as no coupling or wiring is necessary. The vent can be completely closed, for instance in case of a fire in the area.

The Renson® intake vent with thermostat can be used in buildings with passive & mechanical ventilation. The thermostat adjusts automatically to the outdoor temperature, meaning that when it is colder outside the vent lets in less air.

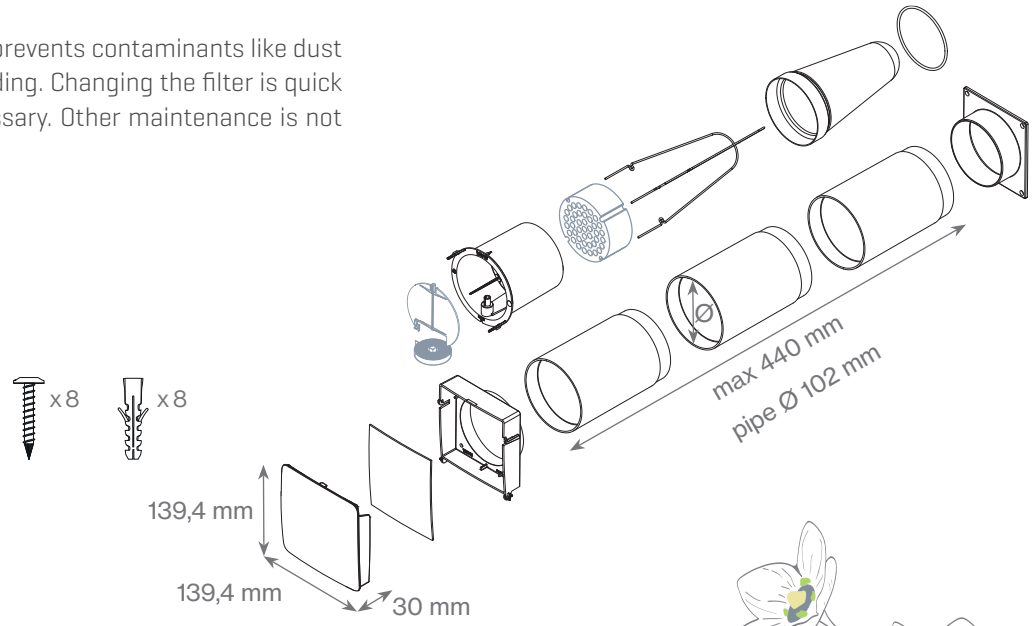
Modifiable appearance

The visual look of the white air intake vent is easily modified. If one wishes, the product can be wallpapered or painted to fit the interior of the room. The insulation material prevents problems with condensation.
The high-quality filter effectively prevents contaminants like dust and pollen from entering the building. Changing the filter is quick and easy as no screwing is necessary. Other maintenance is not required.

Package

The package includes:

- ☑ The Renson® intake vent + thermostat
- ☑ High-quality M5 class filter (1 pcs)
- ☑ Round vent 434R
- ☑ All screws and plugs needed for the installation



RENSON®
Creating healthy spaces

TECHNICAL DATA SHEET:

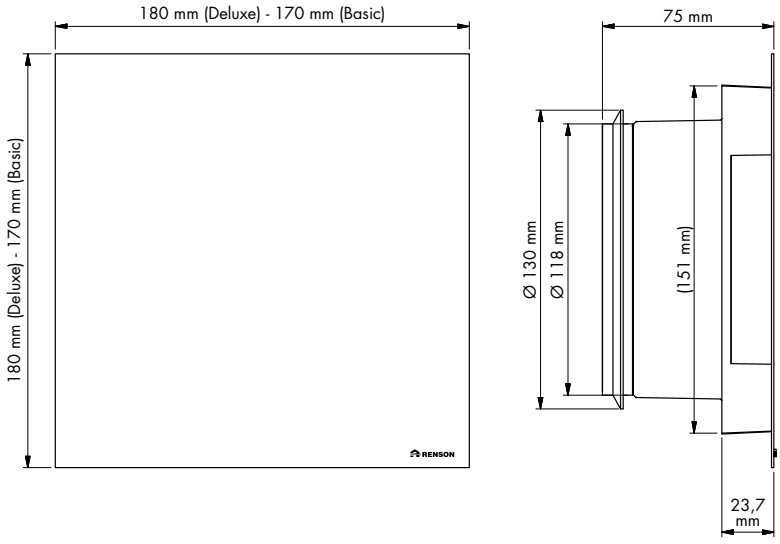
SQair valve

PRODUCT DESCRIPTION

- Adjustable valve available in 4 versions
  - Extraction valve:
    - Deluxe: aluminium front plate (lacquered RAL 9010)
    - Basic: synthetic front plate RAL 9010 (coloured plastic)
  - Pulse vale:
    - Deluxe: aluminium front plate (lacquered RAL 9010)
    - Basic: synthetic front plate RAL 9010 (coloured plastic)
- Construction: grid base + front plate
- Protrudes only 24 mm from the ceiling or the wall
  - The wider front plate conceals the ventilation openings
- Direct connection onto the air ducts
  - Ø 125 mm
  - Integrated rubber gasket for airtight connection
- Front plate:
  - Deluxe: attached with magnets to the grid base
  - Basic: snaps on the grid base
  - Easily disassembled for cleaning
  - Thanks to the locknut the settings remain during cleaning
- The pulse valve is provided with acoustic material
  - Prevents whistling noise at the valve
- The Deluxe pulse valve has 2 deflectors
  - 2 of the 4 ventilation opening can be closed using the deflectors
    - For example: If the valve is installed close to a wall, this side can be closed to prevent the collection of dust (will affect the flow rate)

PACKAGING

- Dimensions: 200 x 190 x 85 mm



TECHNICAL DATA SHEET:

SQair valve

PRODUCT FEATURES

	DELUXE	BASIC
Front plate	Aluminium	Synthetic (ASA)
Dimensions front plate	180 x 180 mm	170 x 170 mm
Dimensions grid base	150 x 150 mm	150 x 150 mm
Colour	RAL 9010	RAL 9010
Attachment	Magnets	Snap-on
Paintable	Yes	–
Acoustic material	Yes (pulse)	Yes (pulse)
Deflectors	2	–
Dimensions deflector	92 x 20 mm	–

EXTRACTION

Q [m³/h]	Q [l/s]	100% open		66% open		33% open	
		dP [Pa]	LwA [dB(A)]	dP [Pa]	LwA [dB(A)]	dP [Pa]	LwA [dB(A)]
30	**8.3**	2	15,0	3	14,8	14	17,9
50	**13.9**	6	16,9	10	20,0	40	30,2
60	**16.7**	8	20,3	15	24,6	56	34,7
75	**20.8**	13	25,5	23	31,4	82	40,5

PULSE without acoustic material

Q [m³/h]	Q [l/s]	100% open		66% open		33% open	
		dP [Pa]	LwA [dB(A)]	dP [Pa]	LwA [dB(A)]	dP [Pa]	LwA [dB(A)]
30	**8.3**	3	15,0	5	15,1	14	24,5
40	**11.1**	6	16,3	8	18,8	25	33,5
50	**13.9**	8	17,5	12	22,5	37	39,9
60	**16.7**	11	19,3	17	28,0	54	45,5
75	**20.8**	16	24,5	26	35,0	83	51,5

PULSE with acoustic material

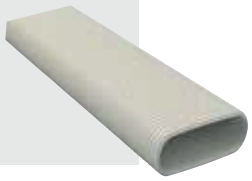
Q [m³/h]	Q [l/s]	100% open		66% open		33% open	
		dP [Pa]	LwA [dB(A)]	dP [Pa]	LwA [dB(A)]	dP [Pa]	LwA [dB(A)]
30	**8.3**	9	16,0	19	17,6	58	21,0
50	**13.9**	19	23,0	41	26,0	131	35,4
60	**16.7**	25	26,6	55	29,6	180	40,9
75	**20.8**	37	32,3	78	35,0	263	46,3

ACCESSORIES

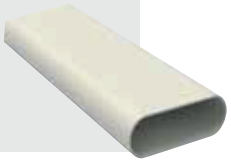
Our ventilation systems are delivered in kit-packaging, so that you always have all the right parts for a successful installation. Renson® also offers an extensive range of accessories to ensure that every installation can be completed successfully.

EASYFLEX®

Easyflex® flexible duct
Flat oval 140 x 64 mm
Roll 15 m



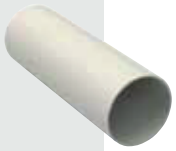
Easyflex® flat oval duct
Flat oval 135 x 55 mm
3 m



Easyflex® flexible connection piece
Flat oval 140 x 64 mm

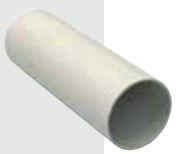
Easyflex® round duct ø125
3 m

Easyflex® round duct ø80
3 m



Easyflex® extension piece ø125
0,25 m

Easyflex® extension piece ø80
0,25 m

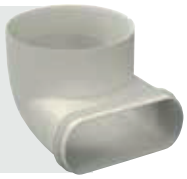


Easyflex® crosspiece pivot

EASYFLEX®

Easyflex® double valve connection ø125

Easyflex® valve connection ø125



Easyflex® valve connection ø80

Easyflex® adaptor flat to round 140 x 60 > ø125

Easyflex® straight double adaptor 2 x 140 x 60 > ø125

Easyflex® adaptor flat to round 140 x 60 > ø80

Easyflex® Y-piece

Easyflex® vertical bend 90°

Easyflex® horizontal bend 90°

Easyflex® connector with integrated rubber gaskets, flat

Easyflex® connector with integrated rubber gaskets, ø125

Easyflex® connector with integrated rubber gaskets, ø80

Easyflex® quick fastener

Easyflex® metal fastening bracket

Easyflex® fastening bracket

Easyflex® distribution box angled 160

6 connections, 6 metal fastening brackets

Easyflex® distribution box straight 160

6 connections, 6 metal fastening brackets

Easyflex® distribution box 8 connections

8 connections, 8 metal fastening brackets

Easyflex® inspection hatch

Easyflex® insulation tube

2 m

KITS HEALTHBOX® 3.0

Kitchen kit
Kitchen valve
Grill base Ø125 + plaster cardboard
Strap Ø60-165
0.5m patch cable

Bathroom kit
Bathroom valve
Grill base Ø125 + plaster cardboard
Strap Ø60-165
0.5m patch cable

Toilet kit
Toilet valve
Grill base Ø80 + plaster cardboard
Strap Ø50-90
0.5m patch cable

Laundry room kit
Laundry room valve
Grill base Ø125 + plaster cardboard
Strap Ø60-165
0.5m patch cable

Bedroom kit
Bedroom valve
Grill base Ø125 + plaster cardboard
Strap Ø60-165
0.5m patch cable

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