

SAVE VTR

Air Handling Unit

100 B / 150 B L&R 500W & 1000W / 250 B L&R 500W & 1000W
275 B L&R / 300 B L&R / 500 L&R / 700 L&R

Key Features

Unlock even greater efficiency

SAVE AHUs come with different heating and cooling recovery methods. Allowing you to further boost the energy efficiency of your units, wherever they are installed.

Performance you can rely on

Our heat exchanger systems automatically regulates the heat/cool recovery and has automatic defrosting functions. Your SAVE AHUs will keep you comfortable inside, no matter the weather on the outside.

For buildings big and small

Whether you're building a new home or renovating an apartment block, SAVE air handling units are a perfect match for any indoor spaces up to 550m².

Health and safety first

SAVE air handling units are Eurovent certified and ErP compliant, easy to service and maintain. So you can relax – knowing the air you breathe is clean and pure.

Full control, from anywhere

All SAVE units come with SAVE Control – multiple, easy-to-use interfaces that let you communicate with your AHUs wherever you are.

Warranty

2 years from date of invoice, no extensions.

- Year 1 – Parts and labour.
- Year 2 – Parts only.



SAVE VTR 100 B



SAVE VTR 150 B L&R 500W & 1000W

150 B Right 500W model displayed



SAVE VTR 250 B L&R 500W & 1000W

250 B Right 500W model displayed



SAVE VTR 275 B L&R

275 B Left model displayed



SAVE VTR 300 B L&R

Right model displayed



SAVE VTR 500 L&R

Left model displayed



SAVE VTR 700 L&R

Left model displayed

Technical Parameters

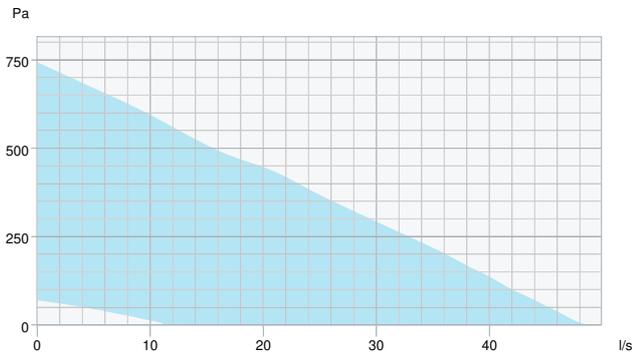
	100 B	150 B L&R 500W & 1000W	250 B L&R 500W & 1000W	275 B L&R
Unit				
Frequency	50; 60 Hz	50; 60 Hz	50; 60 Hz	50; 60 Hz
Voltage (nominal)	230 V	230 V	230 V	230 V
Phases	1~	1~	1~	1~
Recommended fuse	10 A	10 A	10 A	10 A
Enclosure class	IP24	IP24	IP24	IP24
Speed regulation	Stepless	Stepless	Stepless	Stepless
Air flow [m³/h]				0.0764 m³/s
Product type	Heat recovery unit	Heat recovery unit	Heat recovery unit	Heat recovery unit
Temperature	-20 to 40	-20 to 40	-20 to 40	-20 to 40
Preheater / Reheater				
Input power (P1), reheater		500: 0.5kW 1000: 1kW	500: 0.5kW 1000: 1kW	500: 0.5kW 1000: 1kW
Supply fan				
Input power (P1), supply fan	35 W	83 W	83 W	83 W
Supply air filter				
Filter class, supply air	ePM1 60%	ePM1 60%	ePM1 60%	ePM1 60%
Extract air filter				
Filter class, extract air	ePM10 50%	ePM10 50%	ePM1 60%	ePM1 50%
Exchanger				
Heat exchanger rotor drive type	Variable speed	Variable speed	Variable speed	Variable speed
Heat exchanger	Rotating	Rotating	Rotating	Rotating
Return fan / Extract fan				
Input power (P1), extract fan	35 W	83 W	83 W	83 W
Others				
Fan control	Stepless voltage control	Stepless voltage control	Stepless voltage control	Stepless voltage control
Installation type	Vertical	Vertical	Vertical	Vertical
Supply side	Left / Right	Left / Right	Left / Right	Left / Right
Color casing				
Color casing	Galvanised steel	Galvanised steel	White RAL 9010	White RAL 9010
Dimensions and weights				
Weight	39 kg	46 kg	56 kg	50 kg
ErP				
Energy class, Basic unit	A	B	A	A
Energy class, Local demand	A	A	A	A
ErP ready	ErP 2018; ErP 2016	500W Left: ErP 2018 500W Right: ErP 2016; ErP 2018 1000W Left: ErP 2018 1000W Right: ErP 2016; ErP 2018	500W Left: ErP 2016; ErP 2018 500W Right: ErP 2018; ErP 2016 1000W Left: ErP 2018; ErP 2016 1000W Right: ErP 2016; ErP 2018	Left & Right: ErP 2018

Technical Parameters

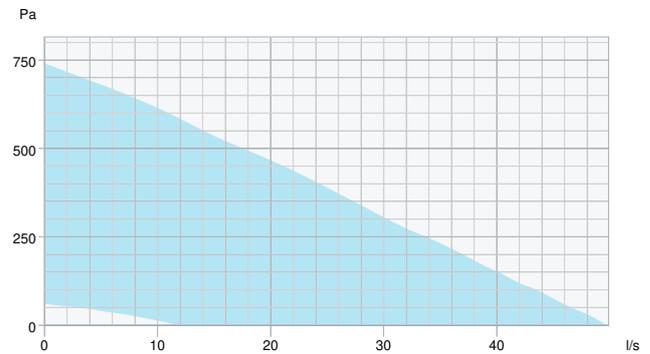
	300 B L&R	500 B L&R	500 B L&R
Unit			
Frequency	50; 60 Hz	50; 60 Hz	50; 60 Hz
Voltage (nominal)	230 V	230 V	230 V
Phases	1~	1~	1~
Recommended fuse	10 A	13 A	13 A
Enclosure class	IP24	IP24	IP24
Speed regulation	Stepless	Stepless	Stepless
Product type	Heat recovery unit	Heat recovery unit	Heat recovery unit
Temperature	-20 to 40	-20 to 40	-20 to 40
Preheater / Reheater			
Input power (P1), reheater	1.67kW	1.67kW	1.67kW
Supply fan			
Input power (P1), supply fan	81 W	170 W	170 W
Supply air filter			
Filter class, supply air	ePM1 60%	ePM1 60%	ePM1 60%
Extract air filter			
Filter class, extract air	ePM10 50%	ePM10 60%	ePM1 60%
Exchanger			
Heat exchanger rotor drive type	Variable speed	Variable speed	Variable speed
Heat exchanger	Rotating	Rotating	Rotating
Return fan / Extract fan			
Input power (P1), extract fan	81 W	170 W	170 W
Others			
Fan control	Stepless voltage control	Stepless voltage control	Stepless voltage control
Installation type	Vertical	Vertical	Vertical
Supply side	Left / Right	Left / Right	Left / Right
Color casing			
Color casing	White	White	White
	RAL 9010	RAL 9010	RAL 9010
Dimensions and weights			
Weight	63 kg	85 kg	85 kg
ErP			
Energy class, Basic unit	A	A	A
Energy class, Local demand	A	A	A
ErP ready	Left: ErP 2018; ErP 2016 Right: ErP 2016; ErP 2018	Left & Right: ErP 2018	Left & Right: ErP 2018

Performance / 100 B

Supply - Performance curve

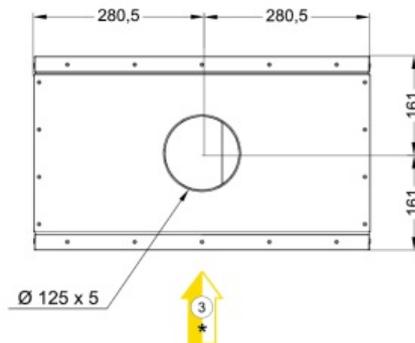
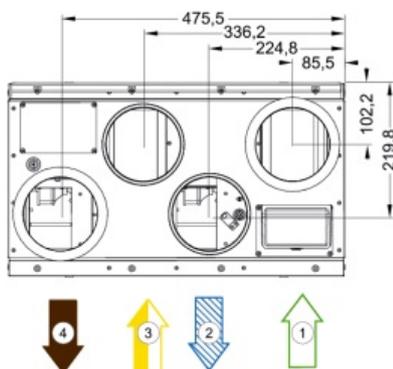
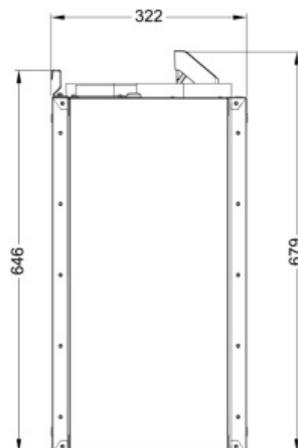
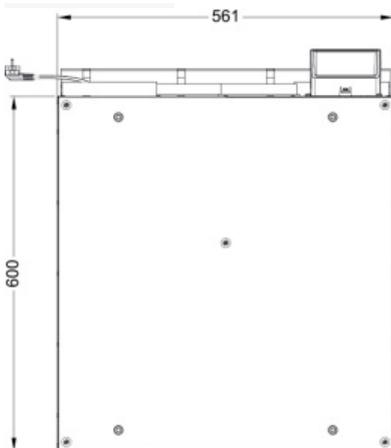


Extract - Performance curve



Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 100 B

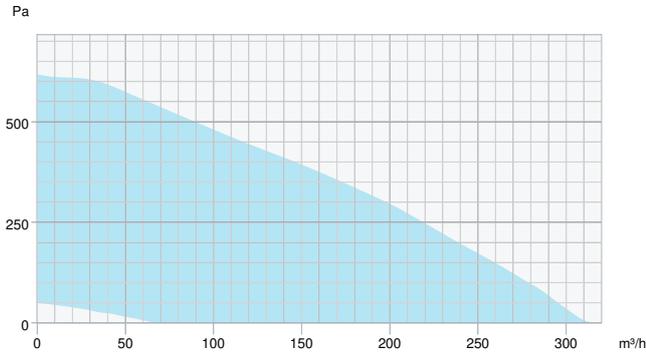


* Connection for cooker hood

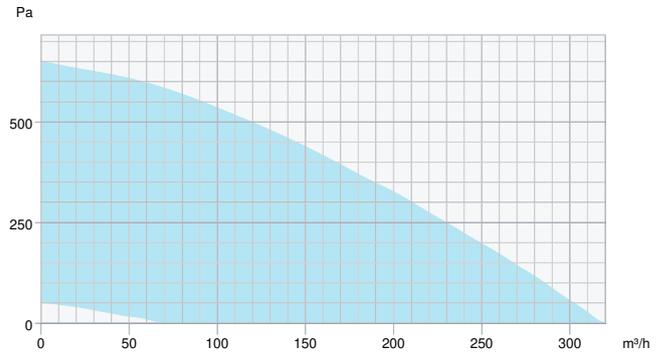
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 150 B L&R 500W

Supply - Performance curve

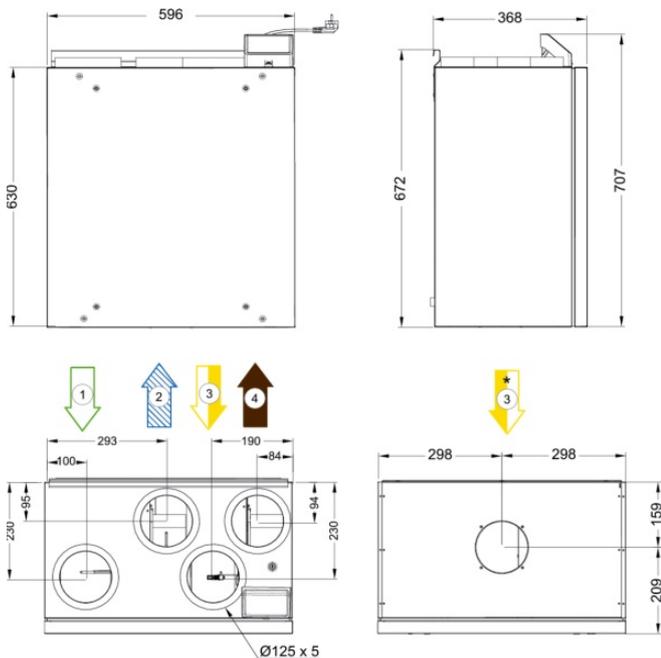


Extract - Performance curve

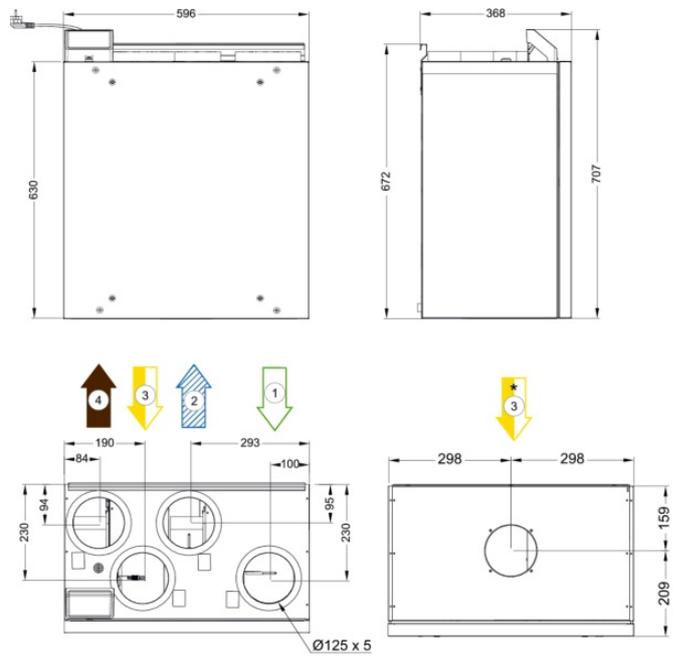


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 150 B L 500W



Dimensions / 150 B R 500W

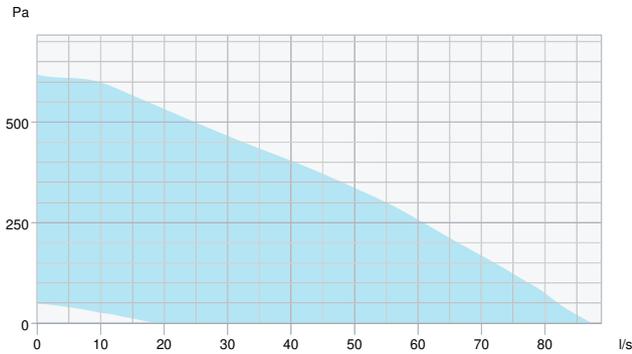


* Connection for cooker hood

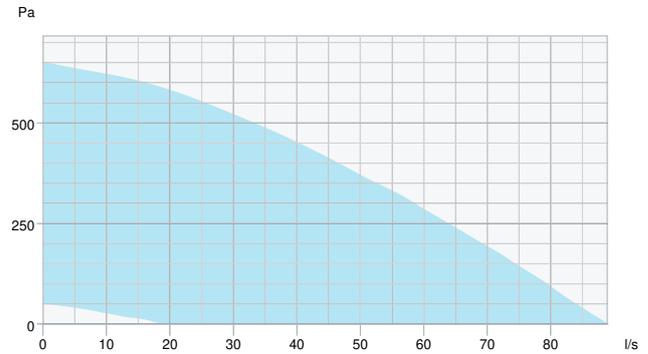
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 150 B L&R 1000W

Supply - Performance curve

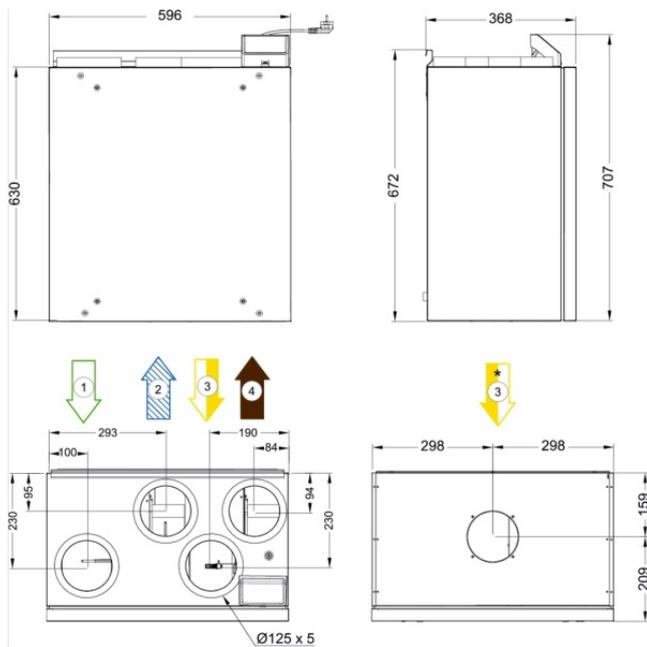


Extract - Performance curve

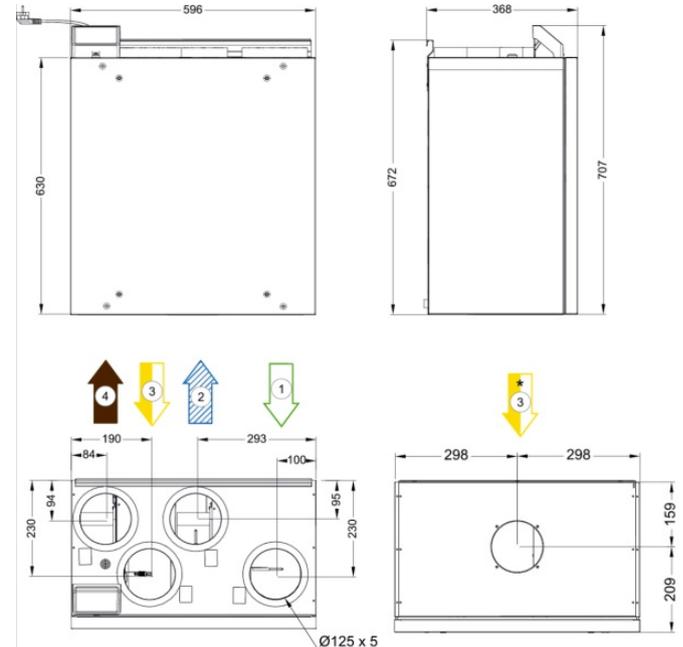


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 150 B L 1000W



Dimensions / 150 B R 1000W

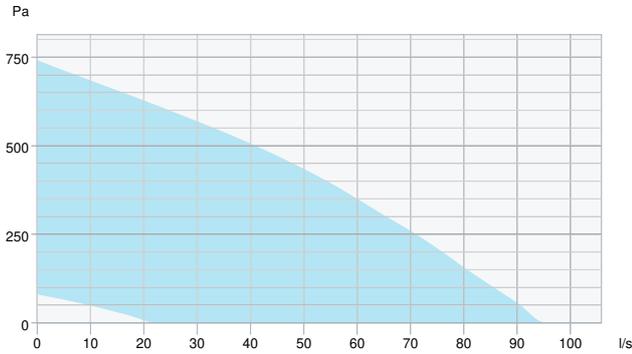


* Connection for cooker hood

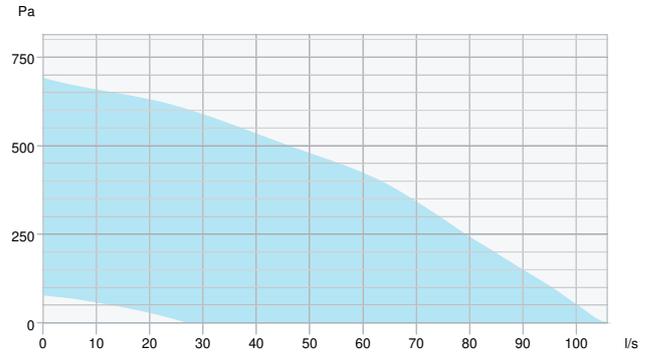
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 250 B L&R 500W

Supply - Performance curve

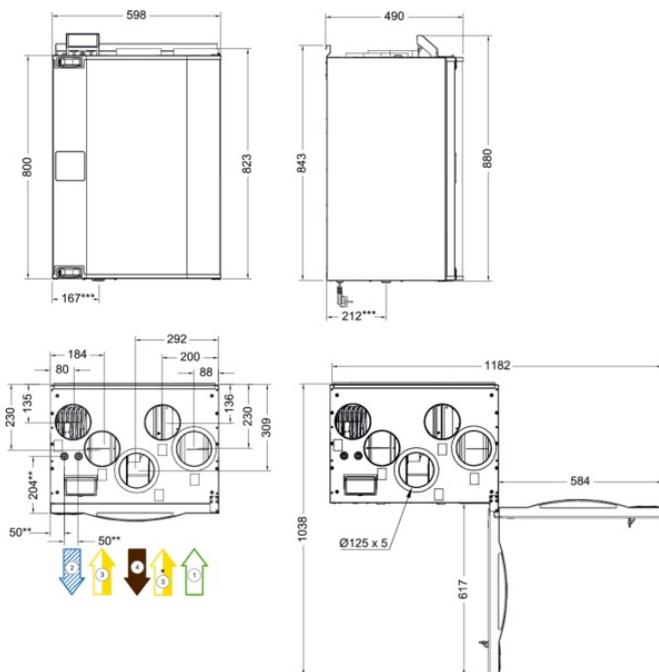


Extract - Performance curve

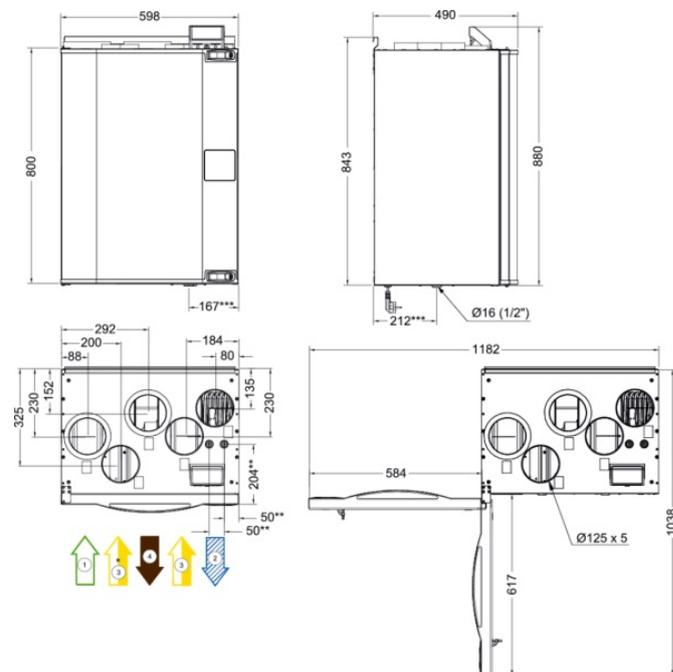


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 250 B L 500W



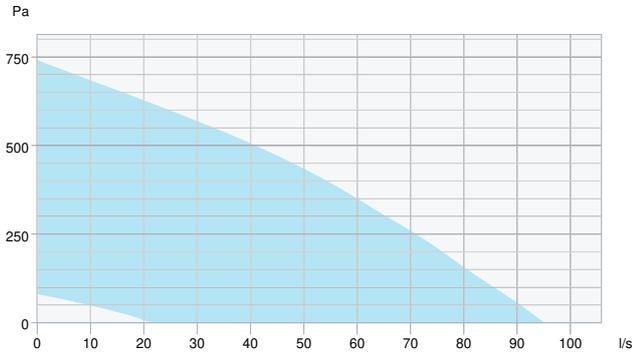
Dimensions / 250 B R 500W



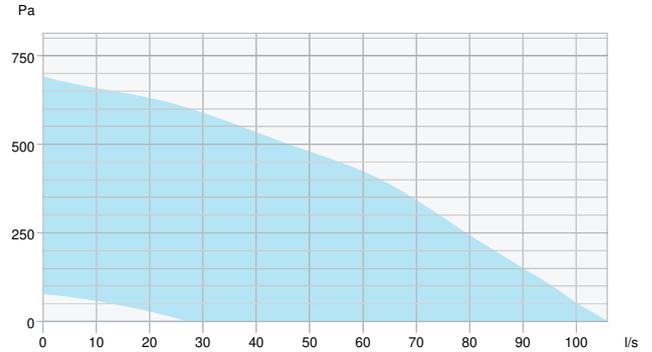
- * Cooker hood connection
 - ** Water battery connections
 - *** Drainage connection
- 1 Outdoor air
 - 2 Supply air
 - 3 Extract air
 - 4 Exhaust air

Performance / 250 B L&R 1000W

Supply - Performance curve

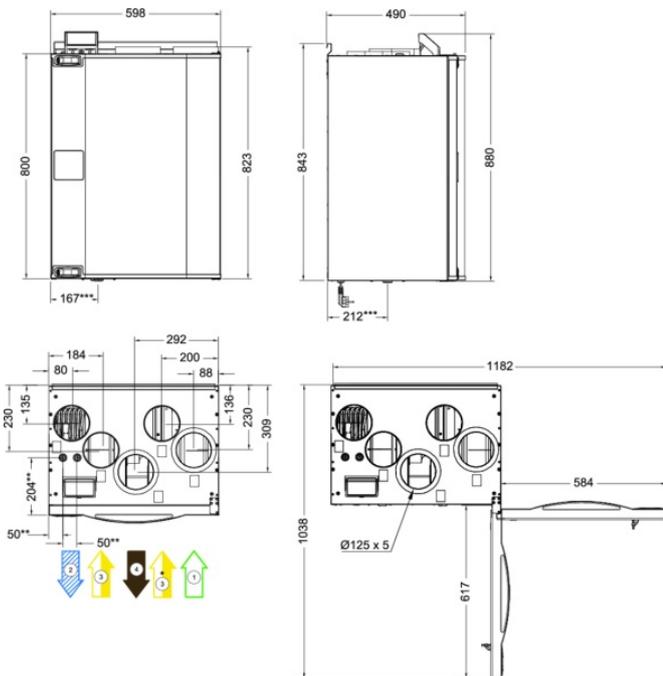


Extract - Performance curve

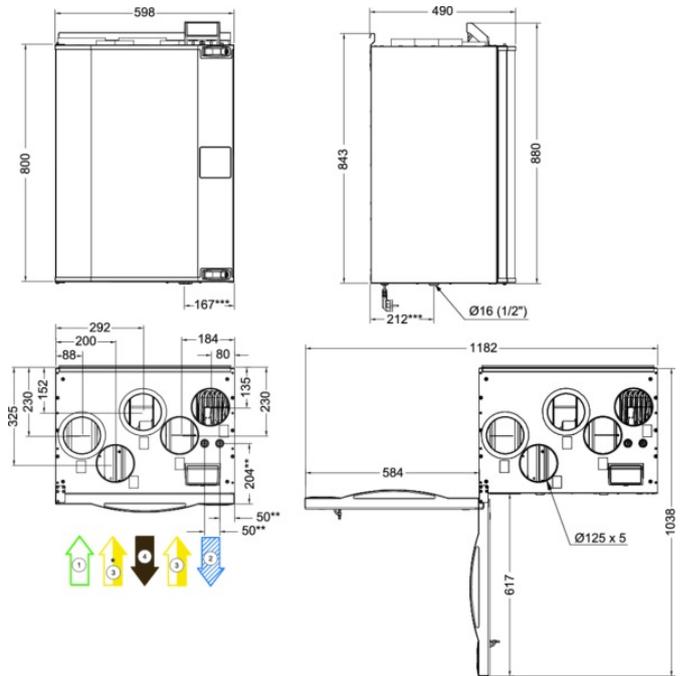


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 250 B L 1000W



Dimensions / 250 B R 1000W



* Cooker hood connection

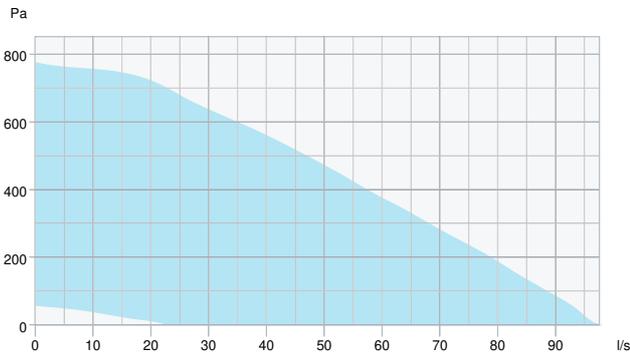
** Water battery connections

*** Drainage connection

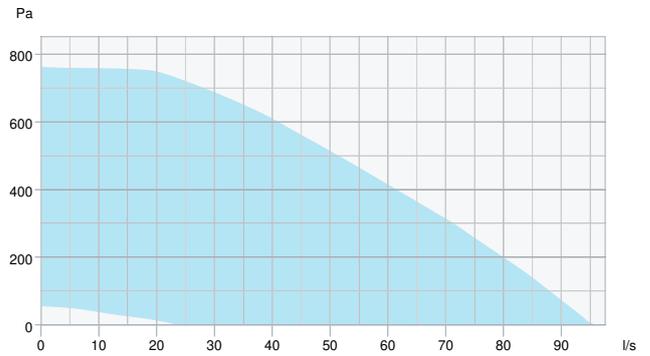
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 275 B L&R

Supply - Performance curve

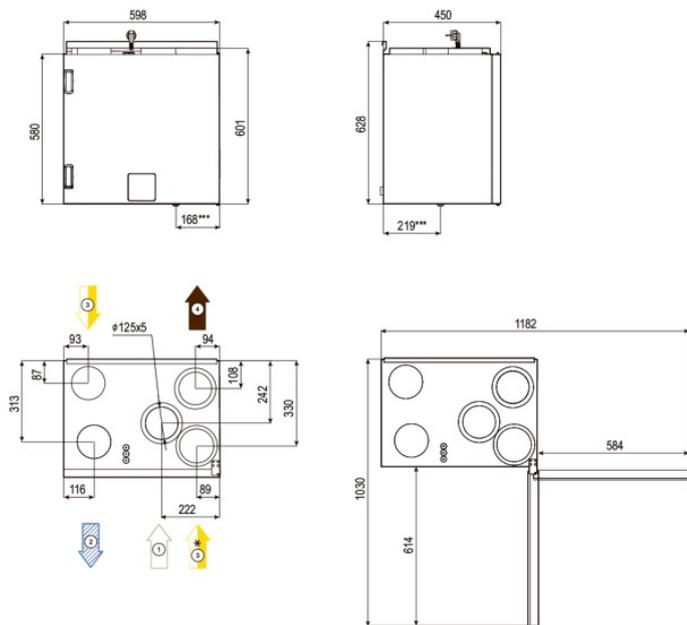


Extract - Performance curve

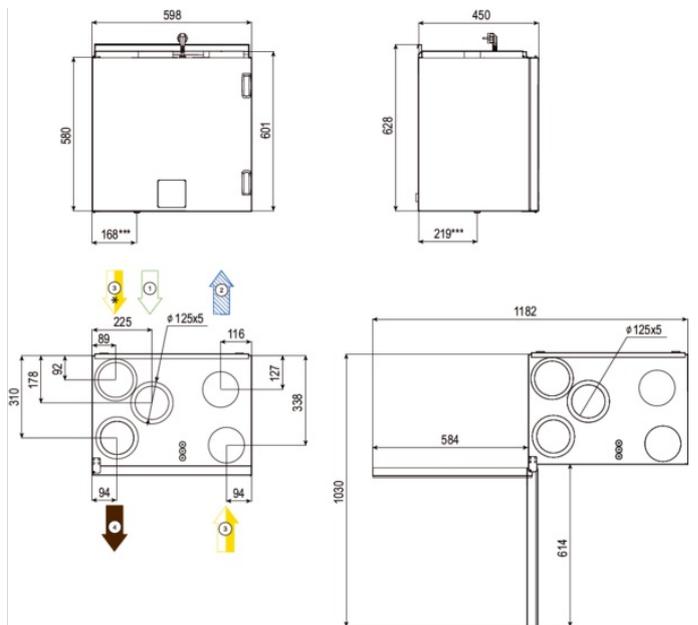


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 275 B L



Dimensions / 275 B R



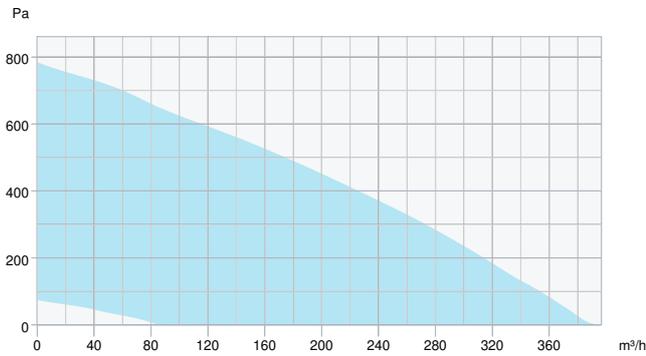
*** Cooker hood connection**

*** Drainage connection

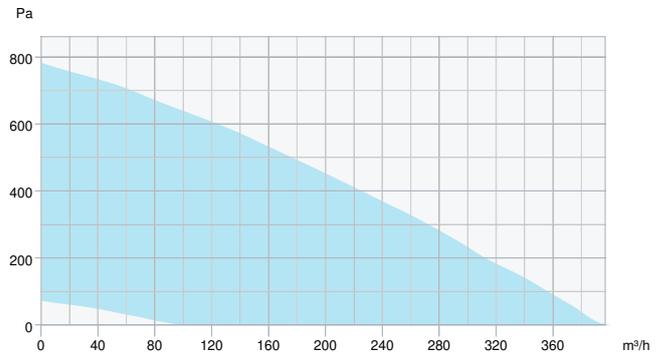
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 300 B L&R

Supply - Performance curve

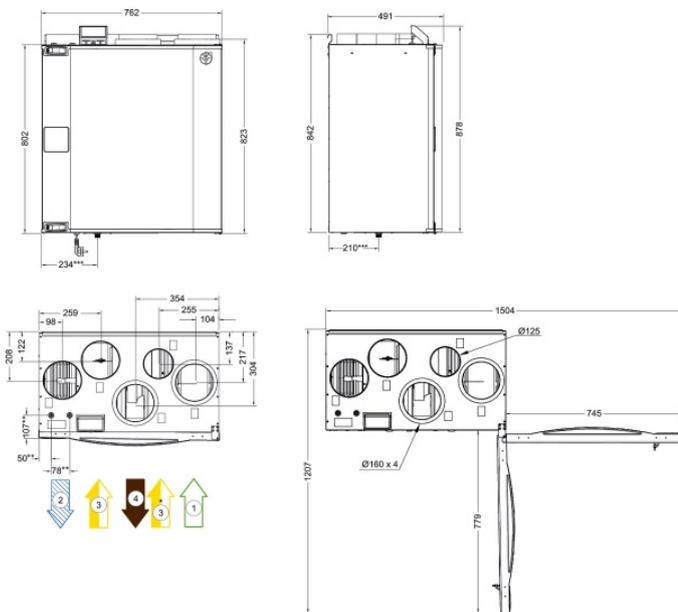


Extract - Performance curve

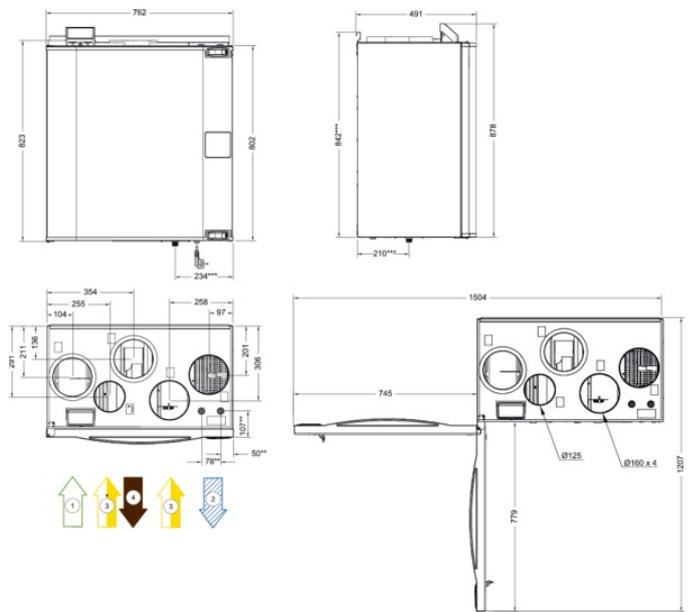


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 300 B L



Dimensions / 300 B R



* Cooker hood connection

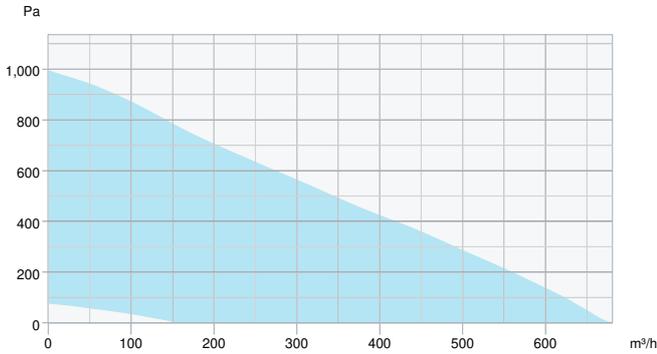
** Water battery connections

*** Drainage connection

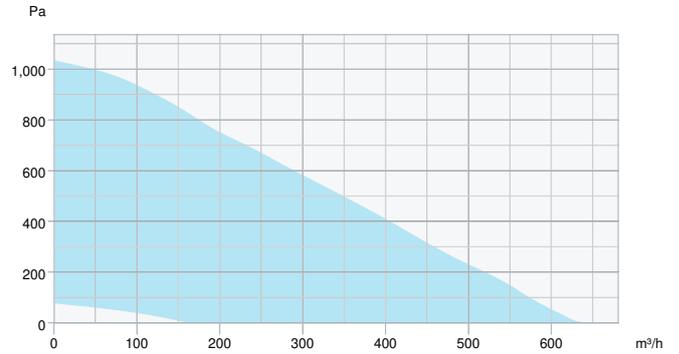
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 500 B L&R

Supply - Performance curve

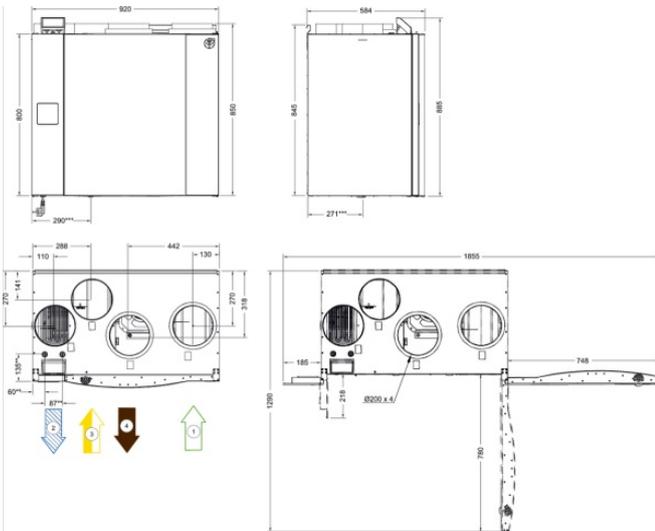


Extract - Performance curve

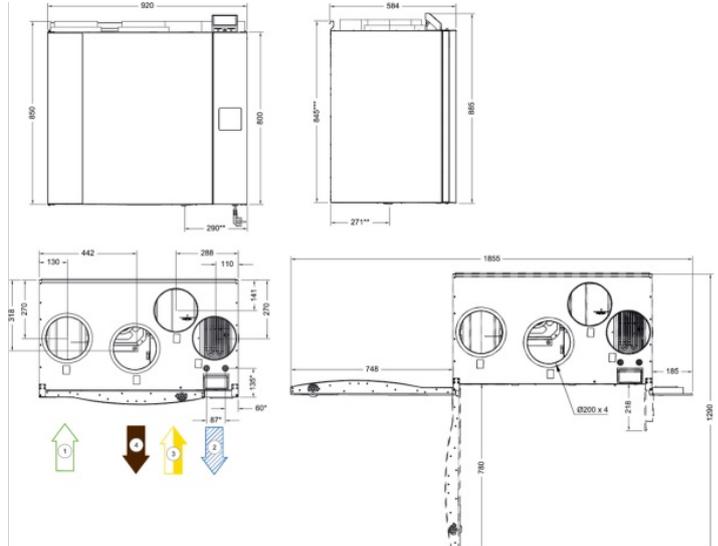


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 500 B L



Dimensions / 500 B R



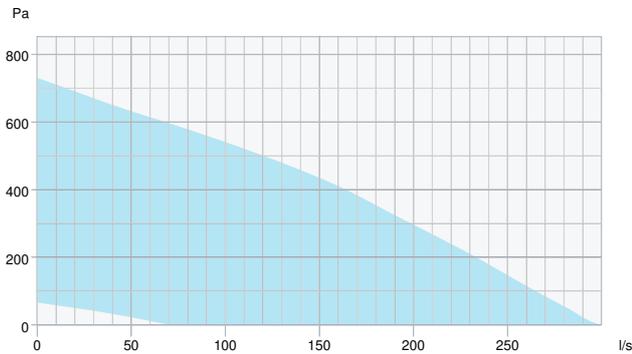
** Water battery connections

*** Drainage connection

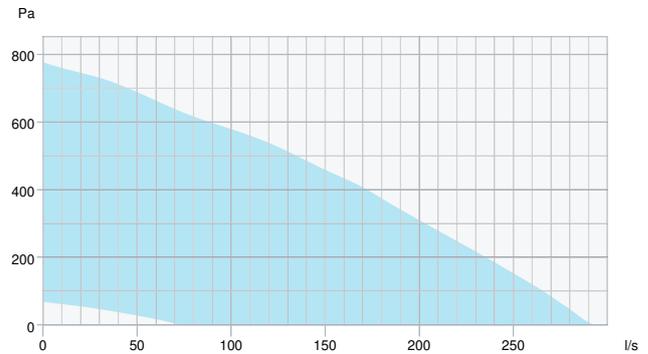
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Performance / 700 L&R

Supply - Performance curve

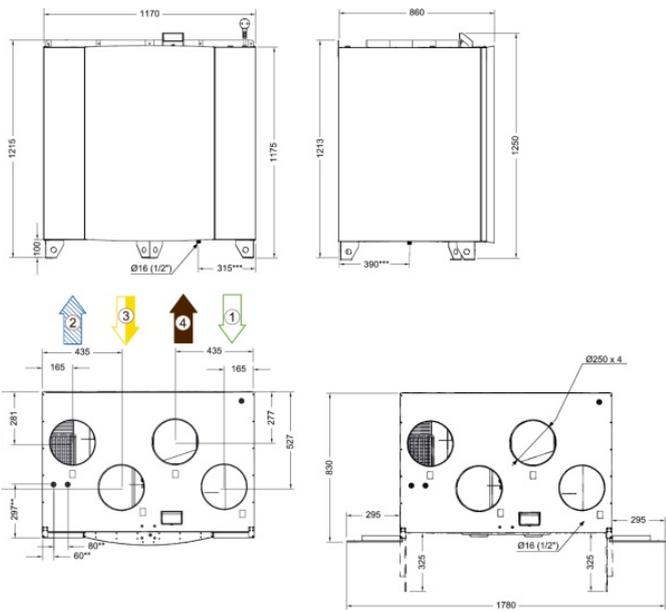


Extract - Performance curve

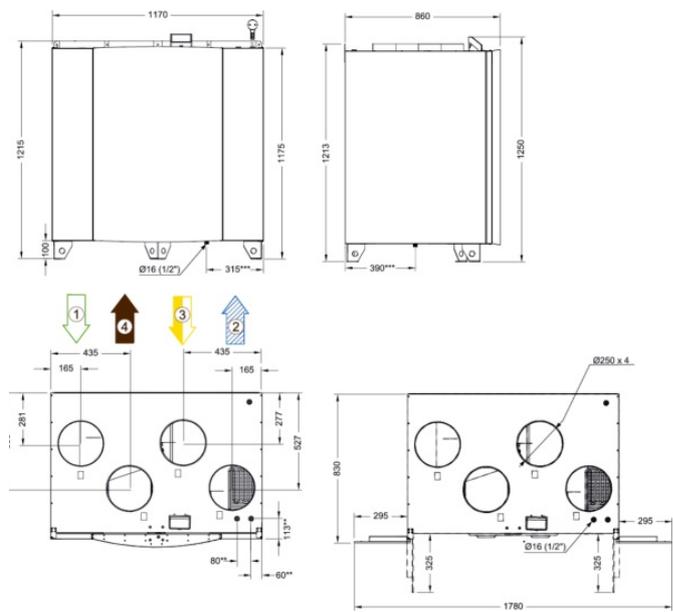


Unit	Supply	Extract
Air density	1.204 kg/m ³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 700 L



Dimensions / 700 R



- ** Water battery connections
- *** Drainage connection
- 1 Outdoor air
- 2 Supply air
- 3 Extract air
- 4 Exhaust air

Specification / Filter Kits

<p>100 B</p> <ul style="list-style-type: none"> • 153715 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract) • 153716 PF OPT kit 1 (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract) • 153717 BF OPT kit 2 (accessory) (F7/ePM1 60% supply and M5/ePM10 60% extract) <p>SAVE VTR 100 B is adapted for ventilation of smaller houses and apartments with an area of 100 m².</p>	<p>150 B</p> <ul style="list-style-type: none"> • 145777 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract) • 145920 PF OPT kit 1 (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract) • 153439 BF OPT kit 2 (accessory) (F7/ePM1 60% supply and M5/ePM10 60% extract) <p>SAVE VTR 150 B is adapted for ventilation of smaller houses and apartments with an area of 100 m².</p>
<p>250 B</p> <ul style="list-style-type: none"> • 145923 BF STD kit (F7/ePM1 60% supply and M5/ePM10 60% extract) • 145779 BF OPT kit 1 (accessory) (F8/ePM1 70% supply and M5/ePM10 60% extract) <p>SAVE VTR 250 B is perfect for ventilating areas up to 140 m².</p>	<p>275 B</p> <ul style="list-style-type: none"> • 278568 PF STD kit (F7/ePM1 60% supply and M5/ePM10 60% extract) • 278569 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract) <p>SAVE VTR 275 B is perfect for ventilated areas up to 220 m².</p>
<p>300 B</p> <ul style="list-style-type: none"> • 246659 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract) • 317696 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract) <p>SAVE VTR 300 B is perfect for ventilating areas up to 240 m².</p>	<p>500</p> <ul style="list-style-type: none"> • 25315 BF STD kit (F7/ePM1 60% supply and M5/ePM10 60% extract) • 317697 BF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 60% extract) <p>SAVE VTR 500 is perfect for ventilating areas up to 400 m².</p>
<p>700</p> <ul style="list-style-type: none"> • 2145849 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract) • 145924 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract) <p>SAVE VTR 700 is perfect for ventilating areas up to 550 m².</p>	

Specification

Take control of your SAVE residential ventilation unit with the user-friendly SAVE CONNECT app. Adjust and manage your unit remotely, making home ventilation simpler and more convenient than ever.

Rest assured, the SAVE unit comes with the SAVE CONNECT module included, putting remote control firmly in your hands.

MAIN FEATURES

- High energy-efficiency rotary heat exchanger with EC technology fans
- Demand control regulation with the built-in humidity sensor
- Moisture transfer function to minimize condensation in supply air during wintertime
- Remote control via the SAVE CONNECT app
- Optional SAVE TOUCH and SAVE LIGHT control panels
- Local control and configuration via WEB interface
- Connection board for easy access and connection of accessories
- Modbus communication RS-485 as standard
- Eurovent Certification

EXPAND YOUR CONTROL WITH ADDITIONAL PANELS

You can choose and buy these panels separately, adding more convenience to your setup.

SAVE LIGHT – control panel for basic functions to keep things simple and easy. You can control the airflow, get alerts for general alarms and filter changes.

SAVE TOUCH – Take it up a notch with the **SAVE TOUCH** panel. It has a touch screen that lets you control everything and mirrors functionality of the **SAVE CONNECT** app. You can see info like airflow, temperature, and air quality. Each control method is optional and have to be ordered separately as an accessory.

A six meter cable for the external control panel connection is already included with the unit.

SIMPLE INSTALLATION SOLUTIONS

- The unit can be installed in a kitchen cupboard or between cupboards and then covered with a custom furniture panel. Vertical and horizontal install positions are possible. A ceiling mounting kit is available as an accessory.
- Connect your cooker hood's duct to the dedicated bypass duct on the unit, directing air straight to the exhaust fan – bypassing the heat exchanger.
- Our external connection board comes ready with prewired inputs and outputs, making it a breeze to set up external sensors, heaters, coolers, and more. Embrace hassle-free installation and harness the power of customization.

KEY COMPONENTS 100 B

- The unit comes with a built-in electric heater.
Warning: the internal heater cannot be used if the unit is installed horizontally.
- The built-in humidity sensor in extract air can be used for demand control.
- The unit features sturdy double-skinned panels. Maintenance is effortless with easily removable components.
- The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level.
- Systmeair offers several cooker hoods for a direct insertion into SAVE VTR100/B and easy wiring to the connection box. The unit has a Cooker Hood function which can be activated via a cooker hood.

Specification**KEY COMPONENTS 150 B**

- The unit features sturdy double-skinned panels. The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.
- A duct from the cooker hood can be connected to a separate bypass duct on the unit, so the air from the cooker hood is led straight to the exhaust fan and not through the heat exchanger in the unit. Systemair offers several cooker hoods for a direct insertion into SAVE VTR 150/B and fast wiring to the connection box. The unit has a Cooker Hood function which can be activated via a cooker hood.
- The unit comes with built-in electric reheater.
- Note: Continuous ventilation through the cooker hood is not allowed.

KEY COMPONENTS 250 B

- The unit comes with a built-in electric heater.
- The built-in humidity sensor in extract air can be used for demand control.
- The unit features sturdy double-skinned panels. Maintenance is effortless with easily removable components.
- SAVE VTR 250/B has white painted double skinned panels. The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.

KEY COMPONENTS 275 B

- The unit comes with a built-in electric reheater.
- The built-in humidity sensor in extract air can be used for demand control.
- SAVE VTR 275/B has white painted double skinned panels. The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.

KEY COMPONENTS 300 B

- The unit comes with a built-in electric heater.
- The built-in humidity sensor in extract air can be used for demand control.
- The unit features sturdy double-skinned panels. Maintenance is effortless with easily removable components.
- SAVE VTR 300/B has white painted double skinned panels. The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.

KEY COMPONENTS 500

- The unit comes with a built-in electric heater.
- The built-in humidity sensor in extract air can be used for demand control.
- SAVE VTR 500 has white painted double skinned panels. Maintenance is effortless with easily removable components. The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.

KEY COMPONENTS 700

- Built-in reheater (water or electric 1.67 kW) is available as an accessory.
- SAVE VTR 700 has white painted double skinned panels. Maintenance is effortless with easily removable components.
- The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.



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