systemair

SAVE VSR
Air Handling Unit

150 B / 200 BL&BR
300 / 400 / 500 / 700

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.

Green Ventilation

CERTIFIED COMPONENT
Passive House Institute

EUROVENT CERTIFIED PERFORMANCE
RAHU No:
Range:
www.eurovent-certification.com

200 BL&BR 300   **300 / 500**   **150 B / 200 BL&BR / 300 /500**

SAVE VSR 150 B

SAVE VSR 200 BL&BR

SAVE VSR 300

SAVE VSR 400

SAVE VSR 500

SAVE VSR 700

SAVE VSR Air Handling Unit
150 B / 200 BL&BR / 300 / 400 / 500 / 700

Technical Parameters

| Technical Parameters	150 B	200 BL&BR	300	400
Unit				
Frequency	50; 60 Hz	50; 60 Hz	50 Hz	50 Hz
Voltage (nominal)	230 V	230 V	230 V	230 V
Phases	1~	1~	1~	1~
Recommended fuse	10 A	10 A	10 A	13 A
Enclosure class	IP24	IP24	IP24	IP24
Speed regulation	Stepless	Stepless	Stepless	Stepless
Product type	Heat recovery unit	Heat recovery unit	Heat recovery unit	Heat recovery unit
Temperature	-20 to 40 °C	-20 to 40 °C	-20 to 40 °C	-20 to 40 °C
Preheater / Reheater				
Input power (P1), supply fan	0.5 W	1 W	1.67 W	1.67 W
Supply fan				
Input power (P1), supply fan	35 W	81 W	83 W	169 W
Supply air filter				
Filter class, supply air	ePM1 60%	ePM1 60%	ePM2.5 70%	ePM1 60%
Extract air filter				
Filter class, extract air	ePM10 50%	ePM10 50%	Coarse 50%	ePM10 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	81 W	83 W	169 W
Others				
Fan control	Stepless voltage control	Stepless voltage control	Stepless voltage control	Stepless voltage control
Installation type	False ceiling	False ceiling	Horizontal	Horizontal
Supply side	Right; Left	BL Left / BR Right	Right; Right	Left; Right
Color casing				
Color casing	Galvanized steel	Galvanized steel	Galvanized steel	Galvanized steel
Dimensions and weights				
Weight	58 kg	56 kg	65 kg	80 kg
ErP				
Energy class, Basic unit	A	A	A	A
Energy class, Local demand	A	A	A	A
ErP ready	ErP 2018; ErP 2016		ErP 2016; ErP 2018	

SAVE VSR Air Handling Unit
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Technical Parameters

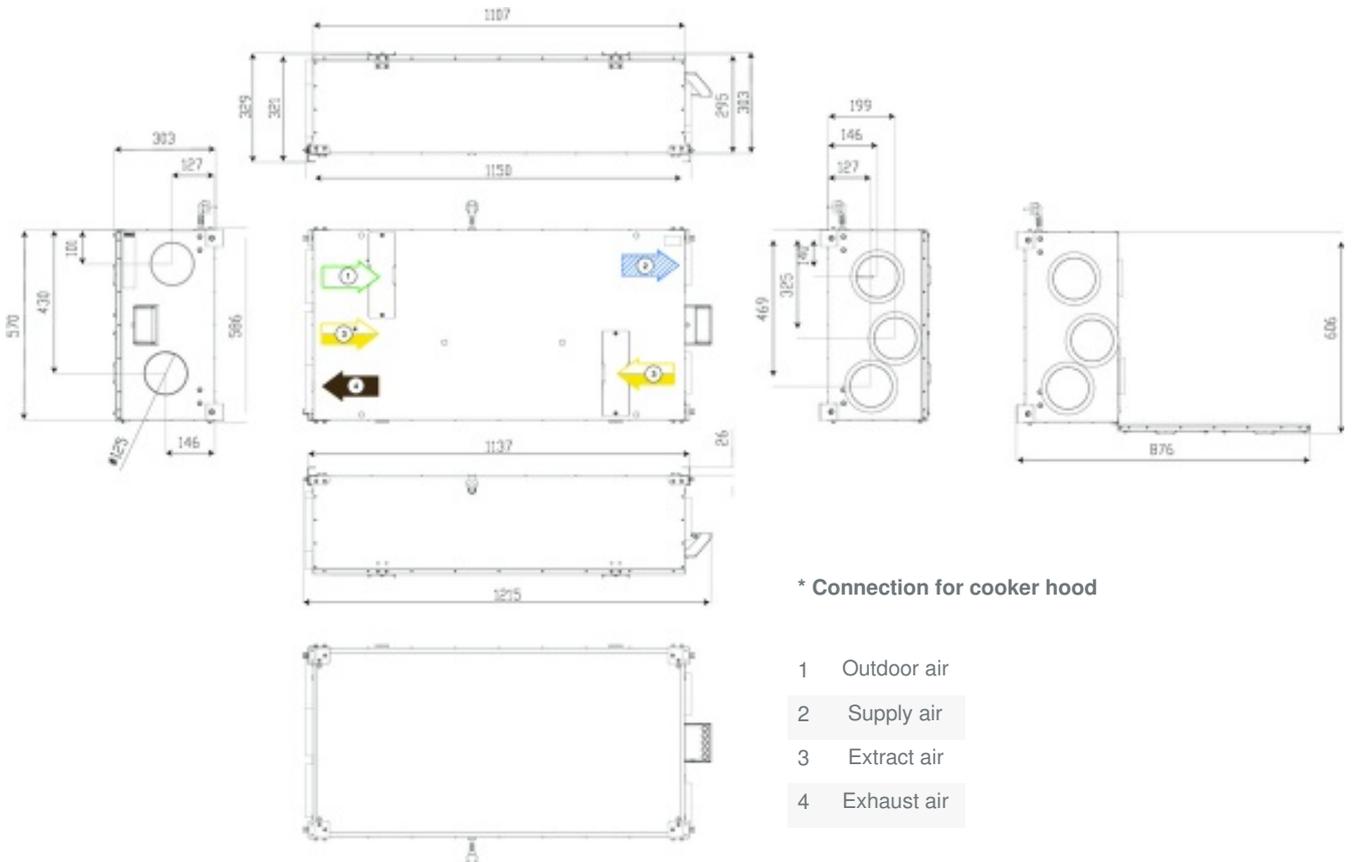|	500	700
Unit		
Frequency	50; 60 Hz	50; 60 Hz
Voltage (nominal)	230 V	230 V
Phases	1~	1~
Recommended fuse	13 A	13 A
Enclosure class	IP24	IP24
Speed regulation	Stepless	Stepless
Product type	Heat recovery unit	Heat recovery unit
Temperature	-20 to 40 °C	-20 to 40 °C
Preheater / Reheater		
Input power (P1), supply fan	1.67 W	1.67 W
Supply fan		
Input power (P1), supply fan	169 W	170 W
Supply air filter		
Filter class, supply air	ePM1 60%	ePM1 60%
Extract air filter		
Filter class, extract air	ePM10 50%	ePM10 50%
Exchanger		
Heat exchanger rotor drive type	Variable speed	Variable speed
Heat exchanger	Rotating	Rotating
Return fan / Extract fan		
Input power (P1), extract fan	169 W	170 W
Others		
Fan control	Stepless voltage control	Stepless voltage control
Installation type	Horizontal	Horizontal
Supply side	Right; Left	Left; Right
Color casing		
Color casing	Galvanized steel	Galvanized steel
Dimensions and weights		
Weight	77 kg	120 kg
ErP		
Energy class, Basic unit	A	A
Energy class, Local demand	A	A+
ErP ready	ErP 2018; ErP 2016	

Performance / 150 B

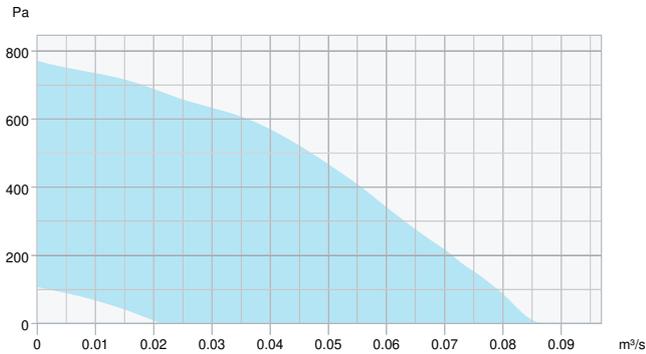### Supply - Performance curve
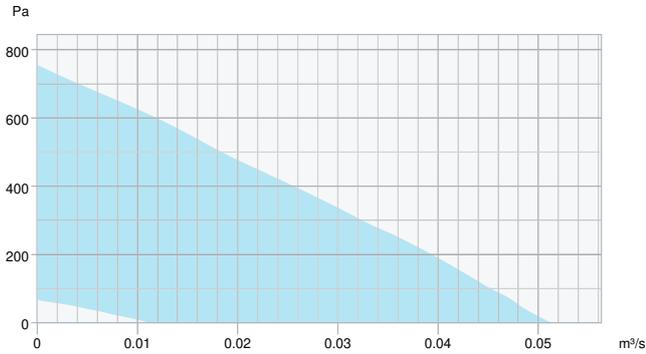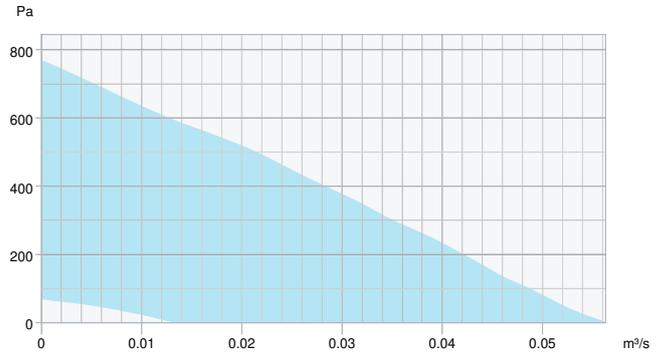
Extract - Performance curve

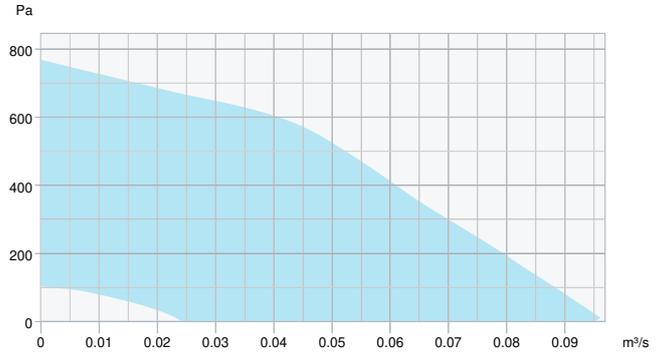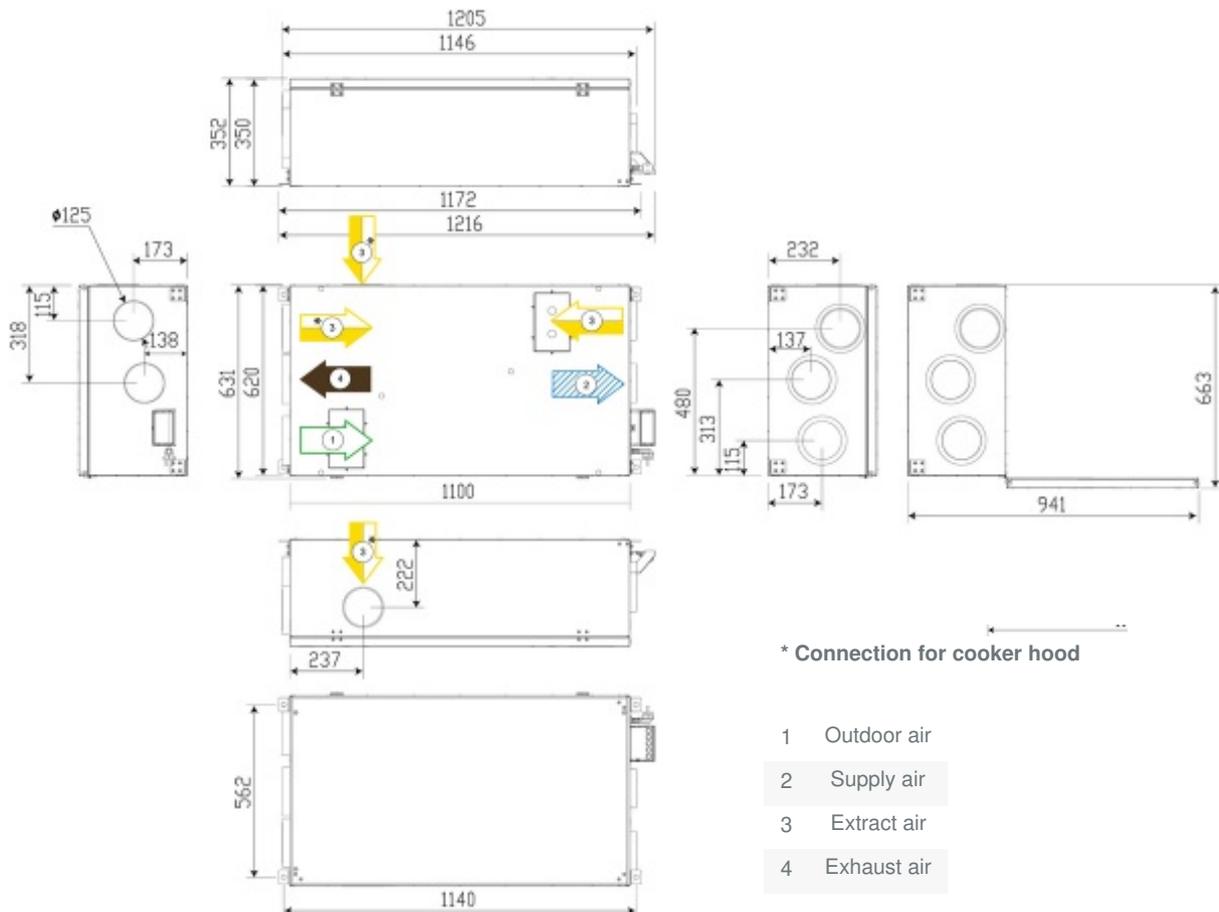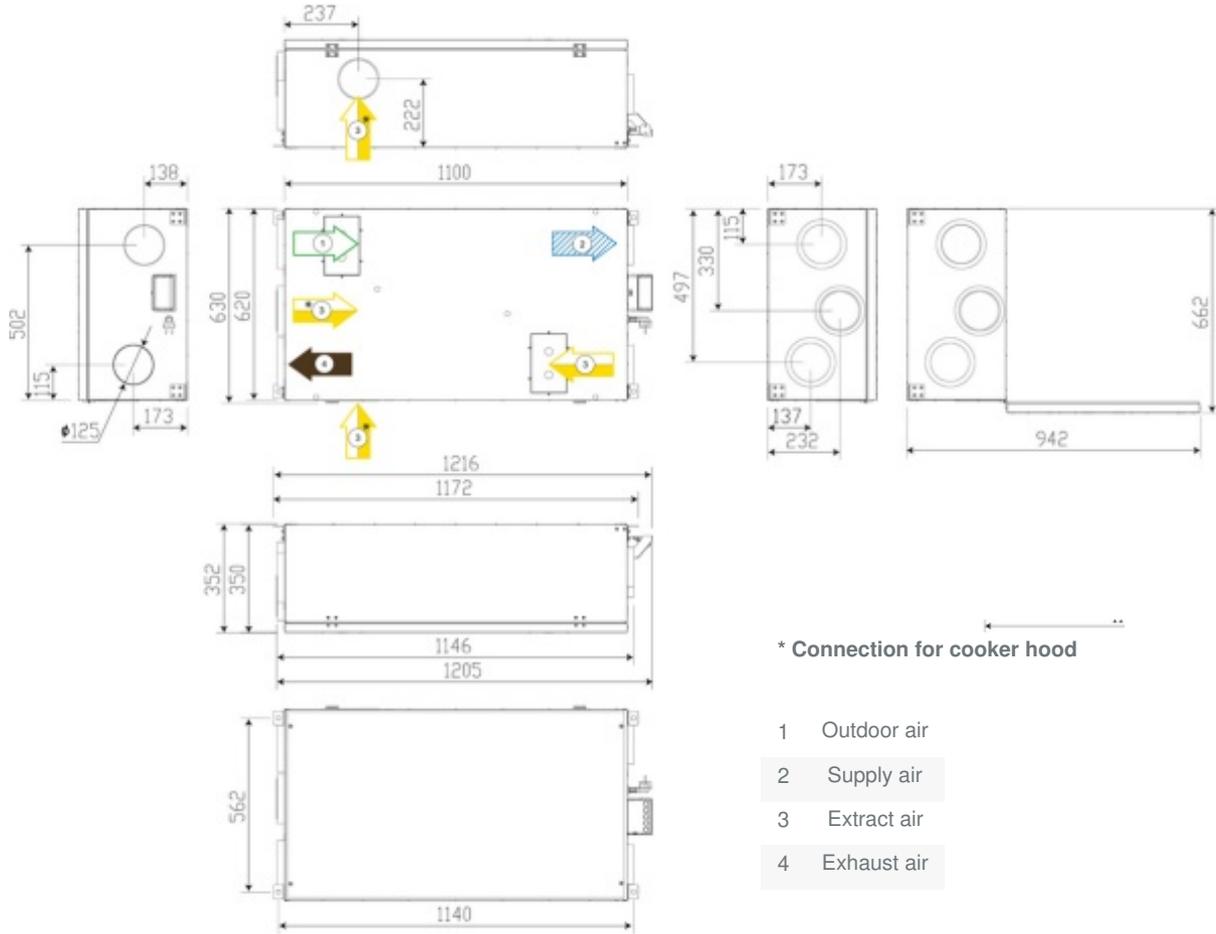| Unit	Supply	Extract
Air density	1.204 kg/m³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)		Total

Dimensions / 150 B

* Connection for cooker hood

1   Outdoor air

2   Supply air

3   Extract air

4   Exhaust air

SAVE VSR Air Handling Unit
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Performance / 200 BL&BR

Supply - Performance curve

Extract - Performance curve

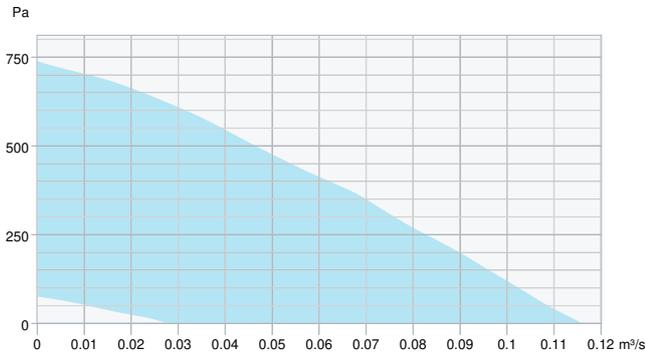| Unit	Supply	Extract
Air density	1.204 kg/m³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)		Total

Dimensions / 200 BL

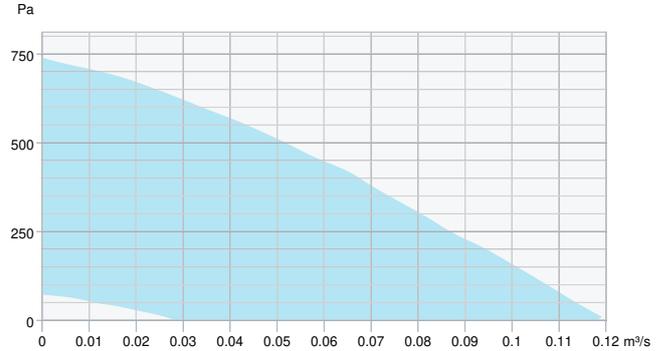* Connection for cooker hood

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

Dimensions / 200 BR

237

222

1100

138

502

115

620
630

ø125

173

173

115

330

497

137
232

662

942

1216
1172

352
350

1146
1205

562

1140

* **Connection for cooker hood**

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

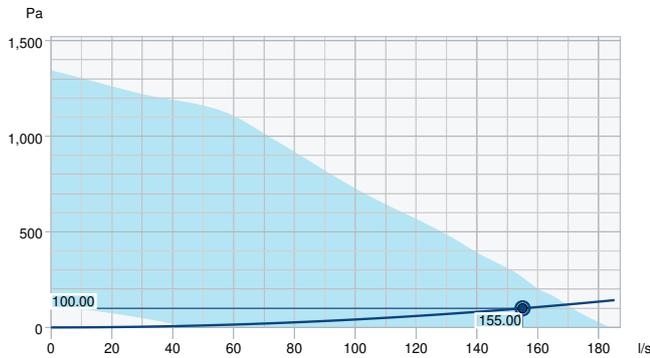## Performance / 300

Supply - Performance curve

Extract - Performance curve

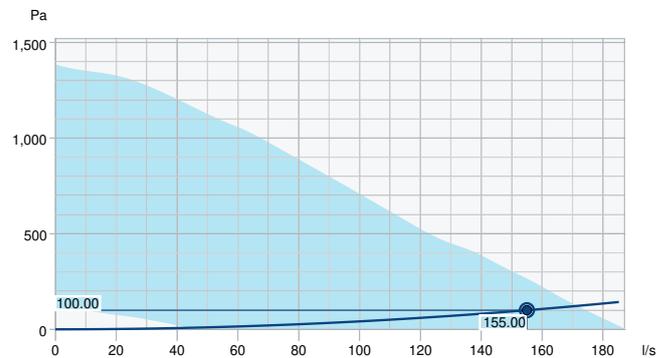| Unit	Supply	Extract
Air density	1.204 kg/m³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 300

*** Drainage connection

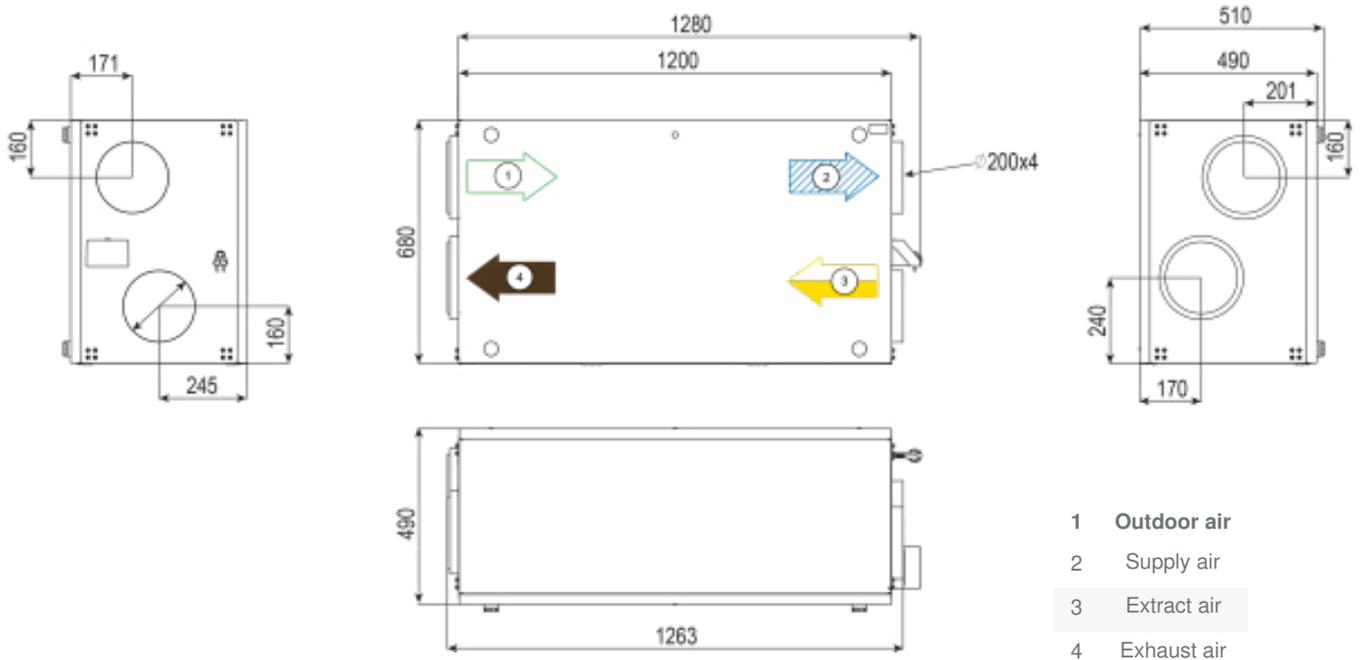| No.	Connection
1	Outdoor air
2	Supply air
3	Extract air
4	Exhaust air
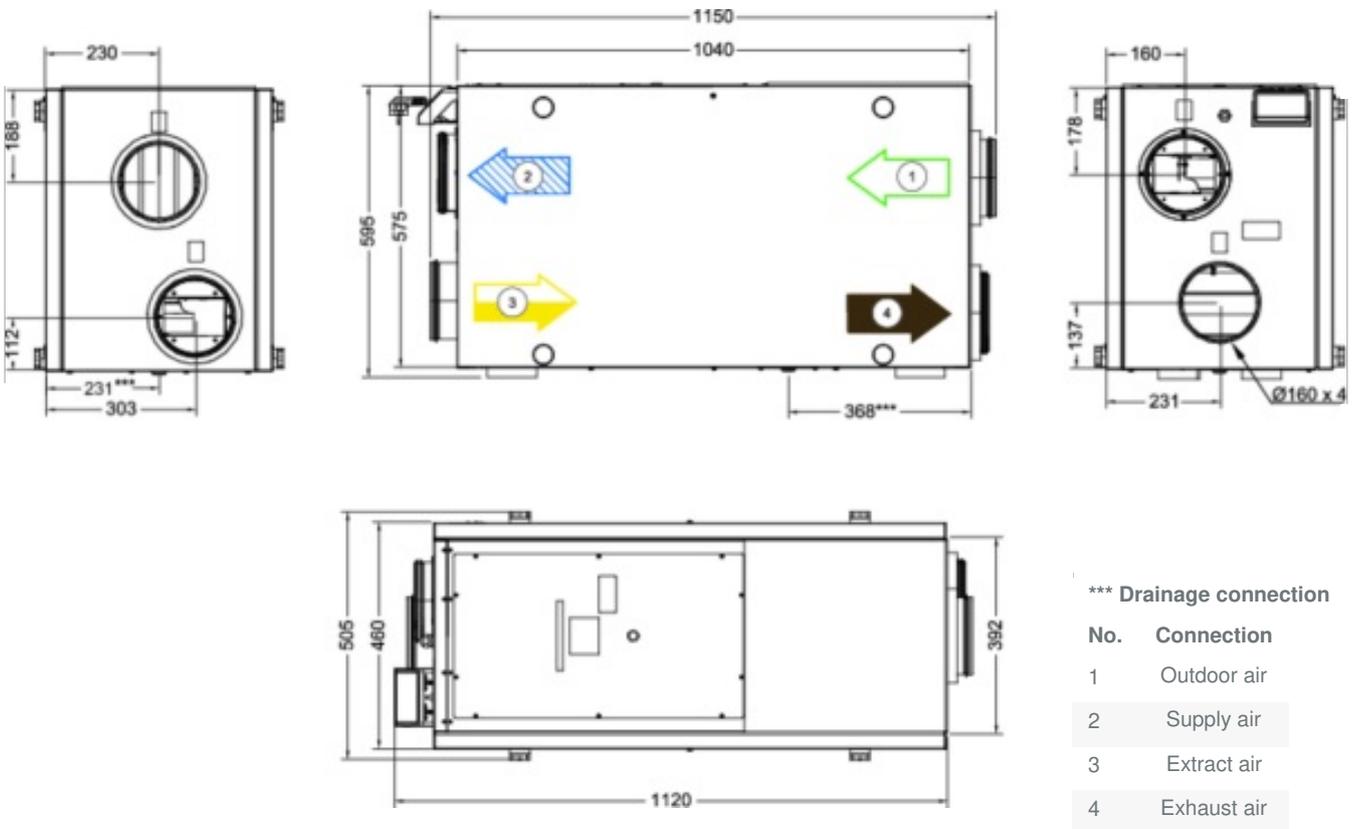
Performance / 400

Supply - Performance curve

Extract - Performance curve
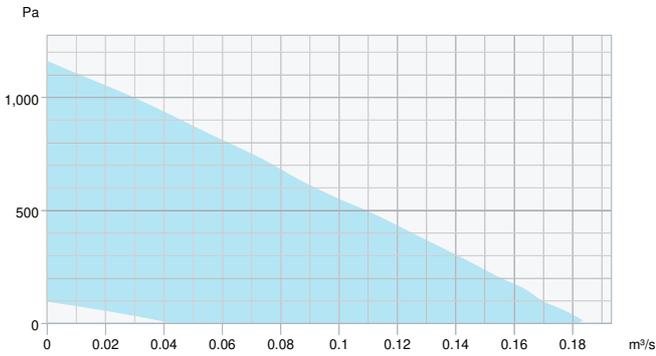

Unit	Supply	Extract
Air density		1.204 kg/m³
Supply air temperature		17.2 °C
Sound pressure level (reverberant field)		Total 41

Dimensions / 400

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

SAVE VSR Air Handling Unit
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Performance / 500

Supply - Performance curve

Extract - Performance curve

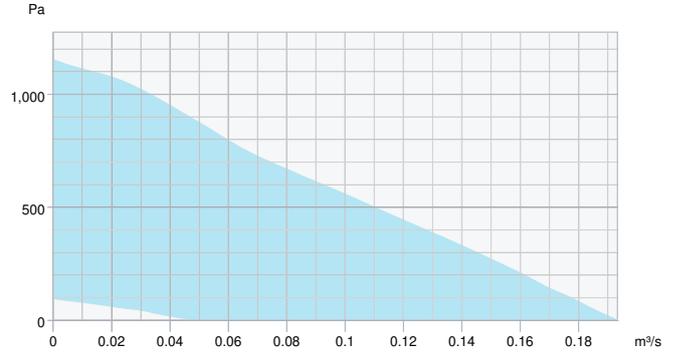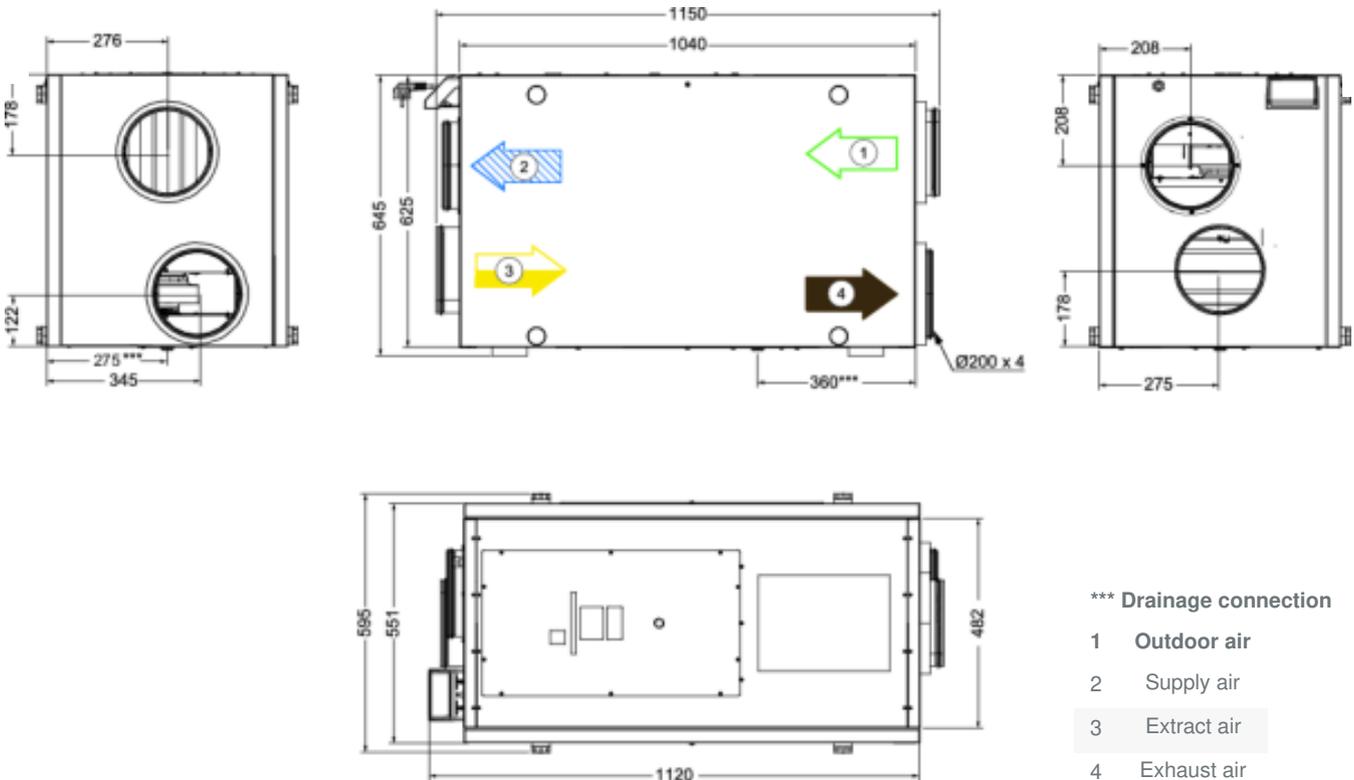| Unit	Supply	Extract
Air density	1.204 kg/m³	
Supply air temperature	-20.0 °C	
Sound pressure level (reverberant field)	Total	

Dimensions / 500
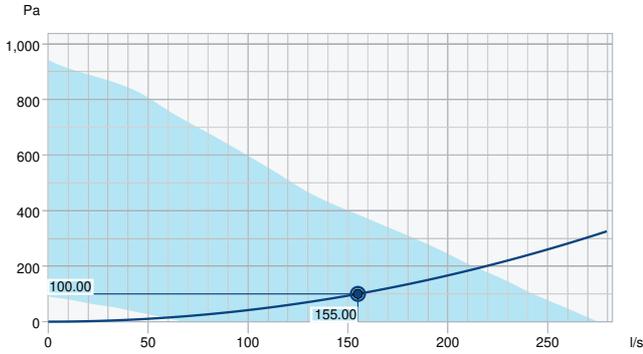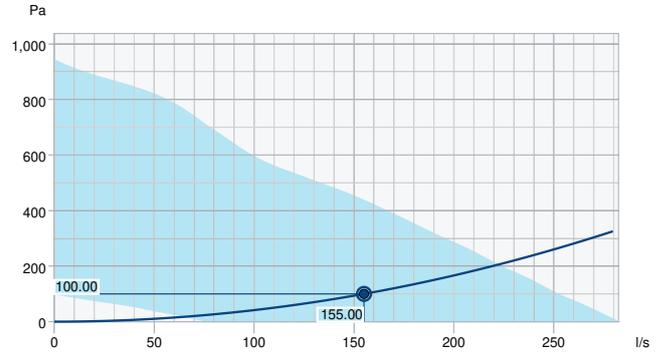

*** Drainage connection

1 **Outdoor air**

2 Supply air

3 Extract air
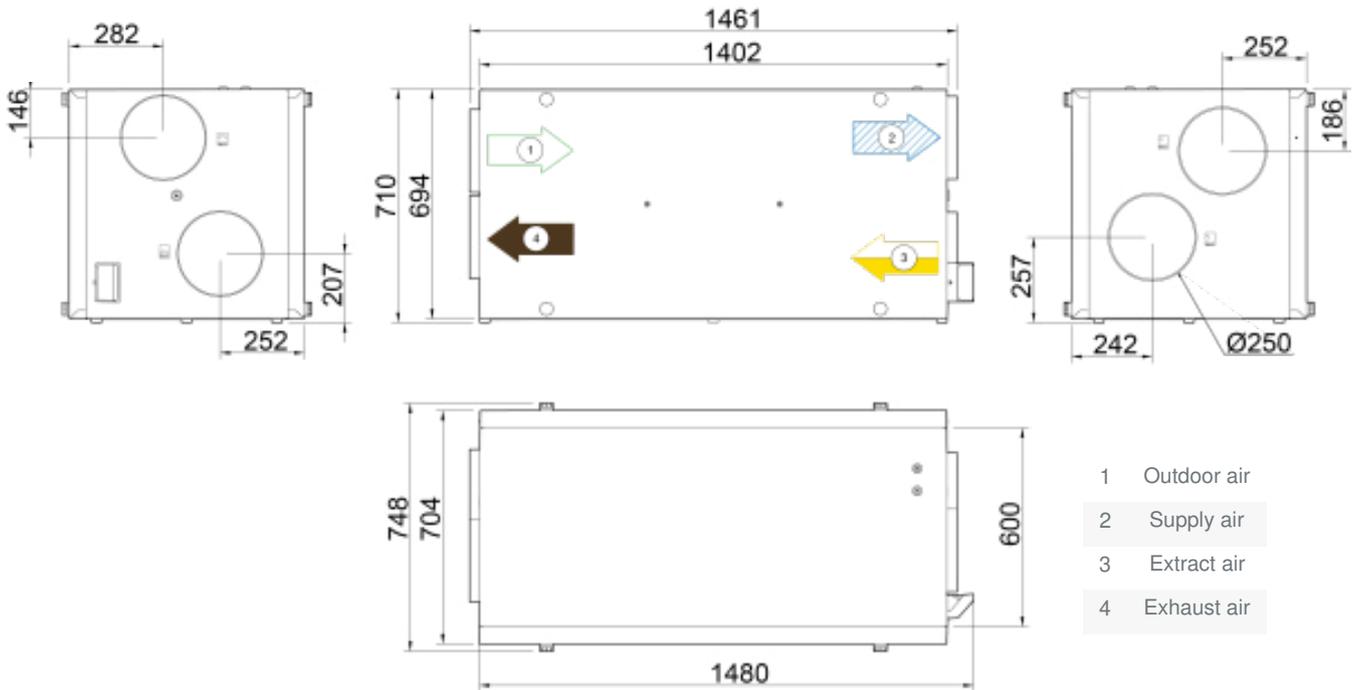
4 Exhaust air

Performance / 700

Supply - Performance curve

Extract - Performance curve

Unit	Supply	Extract
Air density	1.204 kg/m³	
Supply air temperature	17.8 °C	
Sound pressure level (reverberant field)		Total 38

Dimensions / 700

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

Specification

Filter kits / 150B

- 161652 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)
- 161651 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract)

SAVE VSR 150/B is perfect for ventilating smaller houses and apartments, covering areas up to 100 m².

Filter kits / 200 BL&BR

- 331831 PF STD kit F7/ePM1 60% supply and M5/ePM10 50% extract)
- 331832 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)

SAVE VSR 200 is perfect for ventilating houses and apartments, covering areas up 180 m2.

Filter kits / 300

- 25211 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract)
- 317691 PF OPT kit 1 (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)

SAVE VSR 300 is perfect for ventilating areas up to 240 m².

Filter kits / 400

- 398188 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract)
- 398189 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)

SAVE VSR 400 is perfect for areas up to 350 m².

Filter kits / 500

- 25212 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract)
- 317693 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)

SAVE VSR 500 is perfect for ventilating smaller houses and apartments, covering areas up to 400 m².

Filter kits / 700

- 454339 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract)
- 454340 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)

SAVE VSR 700 is perfect for areas up to 500 m².

Specification 150 B / 200 BL&BR / 300 / 400 / 500 / 700

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 and Passive House 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 qualityEach 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.

INSTALLATION

- The unit can be installed in the upright position on the floor and even horizontally or vertically on the wall or under ceiling. Standard installation is on the floor. Other installation options require kits which are available as accessories to order.
- 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

- The unit comes with a built-in electric heater.
- The built-in humidity sensor in extract air can be used for demand control or available as an accessory.
- 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.

ENERGYLAB
Heat Pumps — Design • Supply • Support

Talk to our sales and distribution partner today.
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energylabuk.com • in @the-energy-lab-solutions

Supporting you at every install.