Air Handling Units

Home Solutions for Residential Ventilation

Product Presentation

systemair

WHY YOU SHOULD CHOOSE SAVE

The Eurovent certified and ErP (1253:2014, 1254:2014) compliant SAVE series offers a wide range of residential air handling units that suit specific needs.

High efficiency, low energy consumption and SFP
SAVE provides high efficiency and low energy consumption units with low Specific Fan Power (SFP), certified by the Eurovent programme for residential property according to EN 13141-7:2010. SAVE's fan motors utilise modern EC technology and are energy efficient. EC motors reduce energy consumption for transportation of ventilation air by approximately 50% compared to traditional AC motors. SAVE's fan motors are also quiet, flexible and reliable.

Suitable for a variety of project
All units are perfectly designed for both new buildings and renovation projects.

Modern design
The SAVE series also consists of units with a new, fresh look that is suitable for any environment.

Easy to control
SAVE units come with new controls featuring a user-friendly colour touch display with easy start-up.

Plug & Play
All units are delivered pre-programmed, tested and ready for installation. The units ensure simple service and maintenance, with easy-to-reach replacement components contributing to reliable operation.

We take our environmental responsibility seriously

Eurovent examines air conditioning and ventilation products' energy efficiency and performance. The Eurovent certificate is proof of high quality and performance of the product in accordance with specified design. All Systemair residential units are Eurovent-certified.

EC technology is straightforward and ecologically effective, with no compromises in quality or functionality. All SAVE units are equipped with energy-efficient fan motors with modern EC technology.

EU's Ecodesign Directive aims to reduce the environmental impact of products, including the energy consumption during the entire product life cycle. As a European manufacturer of fans, Systemair has been preparing for the transition to the new EU directive and we are now well-positioned to adapt to relevant requirements.

At Systemair, we are aware of our responsibility towards the environment. Our main contribution to modern environmental protection is efficient use of energy. The Green Ventilation symbol identifies intelligent technology in harmony with the environment.

SELECT

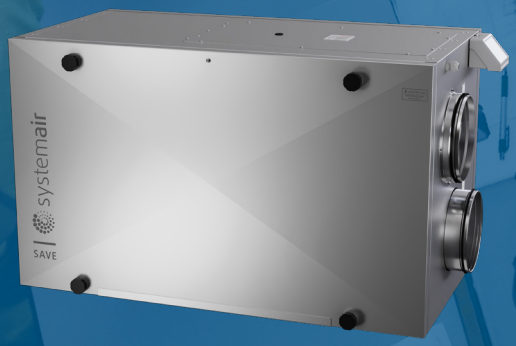
Online Selection Tool

Our online selection tool makes it easy to select your SAVE unit to match the specific requirements of the building. The selection tool is available on the Systemair website. The performance of SAVE units is guaranteed by Eurovent certification.

INSTALL

Swift delivery and installation

The SAVE range of units are designed to be versatile and to address different market requirements. The units can be easily mounted on the ceiling, wall, floor or attic. A custom-designed kitchen model is also available. The plug-and-play feature in combination with the start-up wizard ensures minimal installation time, allowing customers to enjoy a fully functioning unit in a short period.



SAVE unit range

SAVE units are designed to be easy to work with every step of the way.

Our online selection tool helps you select the best unit according to your requirements.

Our standardised design and unit stock ensure the shortest possible lead times and easy installation. Lastly, the SAVE control system makes it simple to configure, integrate and control SAVE units.

Project planning is an important part of any project, therefore, you can download BIM data along with all necessary product information from the online catalogue.

1. Go to the Systemair Online Selection Tool

You can get there on www.systemair.com or by scanning the scannable code here.

2. Choose product selector

Select residential units.

3. Find your SAVE unit

Input your conditions and requirements to find your SAVE unit.

4. Preview and select

Preview suggested SAVE units and select the one most suited to your needs.

5. Review and adjust standard configuration

Check the detailed product information and specifications to ensure the product meets your requirements.

6. Download technical documentation

Collect the documentation to share with your planning and installation team.

Systemair Online Selection Tool

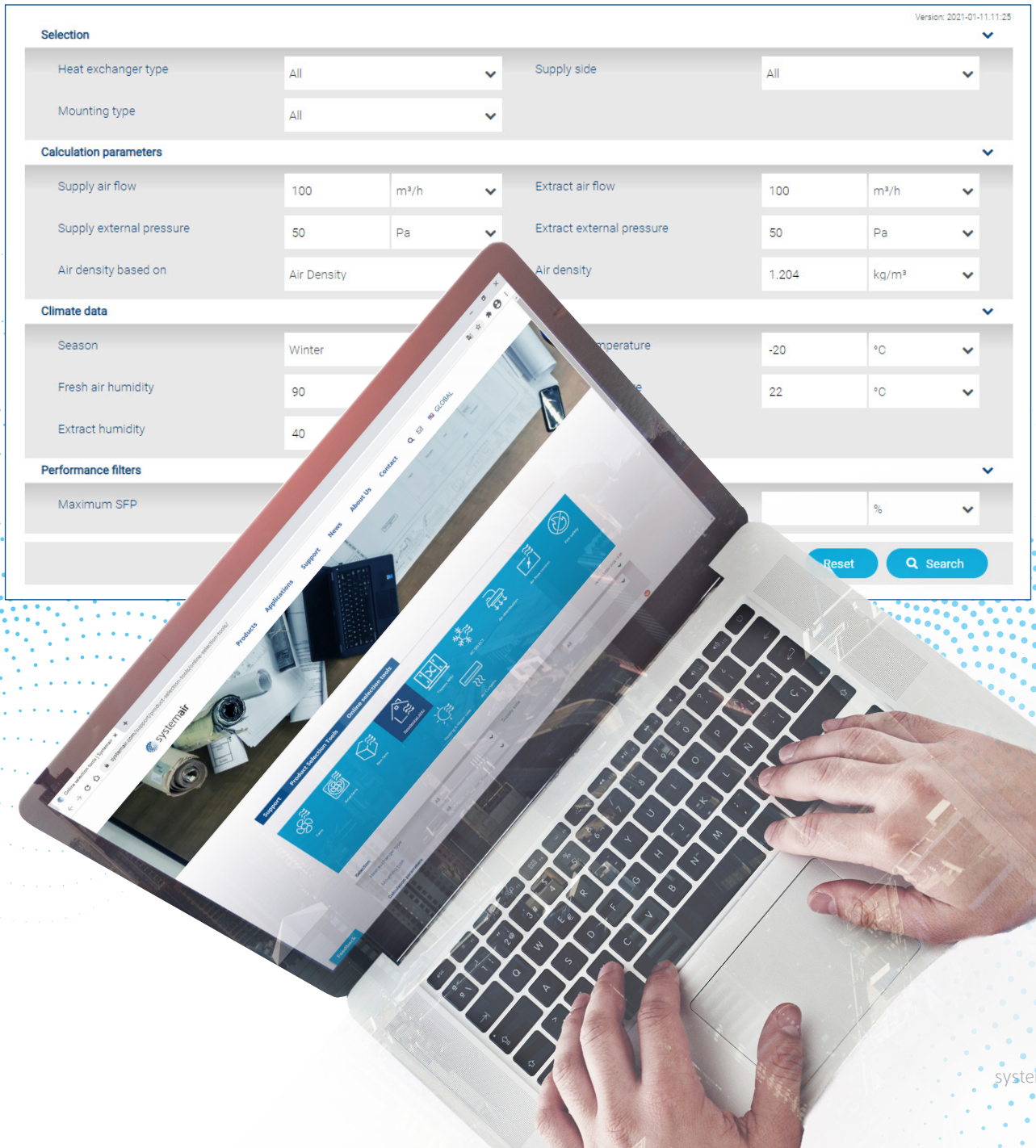
The right way to be sure you are making the best choice for your project.

SELECT

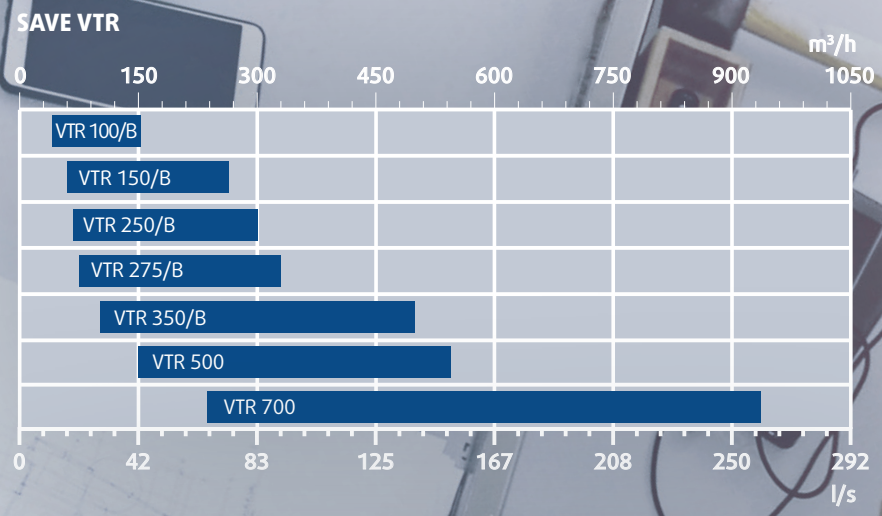
You have a reliable, straightforward way of selecting the right unit and its accessories for any given project.

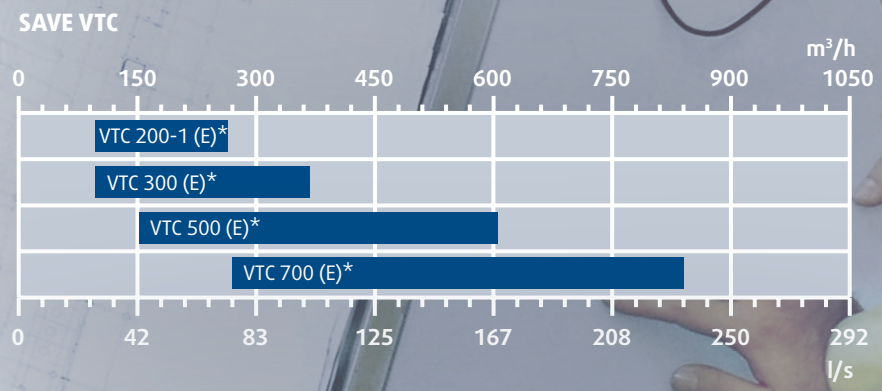
On our website, you will find a powerful product selection tool. The selection tool is user-friendly and will help you quickly and easily choose your SAVE air handling unit.

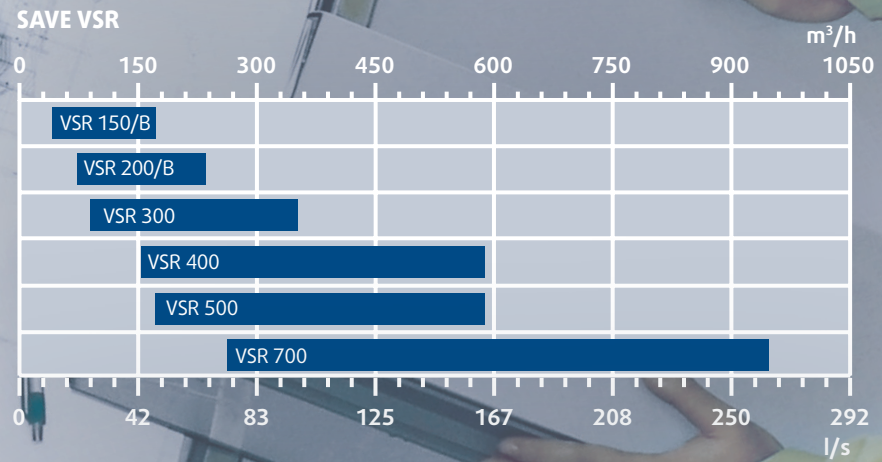
All SAVE models, including a wide range of accessories, are produced with a unique item number. Based on your input, the tool will calculate all relevant, project-specific parameters to find and select the optimal SAVE configuration. All data and documentation will be available for download before you place your order.

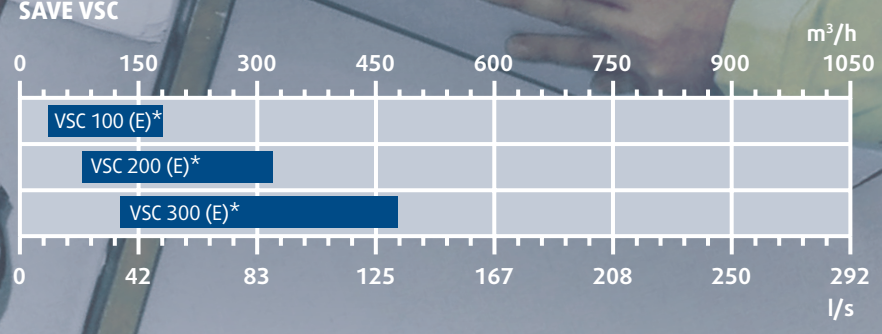


Min./max. airflow









*(E) - Enthalpy version

The new generation of SAVE

The versatile range of SAVE units can address the diverse requirements of residential ventilation.

INSTALL

SAVE VTR - Top connected

Top connected series with rotating heat exchangers for indoor installation and circular connections. Cooker hood connection possible.

Installation		VTR 100/B	VTR 150/B	VTR 150/K	VTR 250/B	VTR 275/B	VTR 350/B	VTR 500	VTR 700
Ceiling		●							
Wall		●	●	●	●	●	●	●	●
Floor									●
Kitchen cupboard	Inside	●							
	Between		●	●					
Cooker hood connection		●	●	●	●	●	●		
Warm installation		●	●	●	●	●	●	●	●
Cold installation									

SAVE VTC - Top connected

Top connected series with counter flow heat exchanger for indoor installation and circular connections.

Installation	VTC 200-1 (E)*	VTC 300 (E)*	VTC 500 (E)*	VTC 700 (E)*
Ceiling				
Wall	●	●	●	●
Floor				●
Cooker hood connection				
Warm installation	●	●	●	●
Cold installation				

SAVE VSR - Side connected

Side connected series with rotating heat exchangers for indoor/attic installation with circular connections. Cooker hood connection possible.

Installation	VSR 150/B	VSR 200/B	VSR 300	VSR 400	VSR 500	VSR 700
Ceiling	●	●	●	●	●	
Wall	●	●	●	●	●	
Floor			●	●	●	●
Cooker hood connection	●	●				
Warm installation	●	●	●	●	●	●
Cold installation			●	●	●	●

SAVE VSC - Side connected

Side connected series with counter flow heat exchanger for indoor/attic installation with circular connections.

Installation	VSC 100 (E)*	VSC 200 (E)*	VSC 300 (E)*
Ceiling	●	●	●
Wall			
Floor			
Cooker hood connection			
Warm installation	●	●	●
Cold installation			

*(E) - Enthalpy version

INSTALL

Installation examples

SAVE VTR 150/B

SAVE VSC 200

INSTALL

Installation examples

SAVE VSR 200/B

SAVE VTR 350/B

systemair
SAVE
SAVE VSR 500

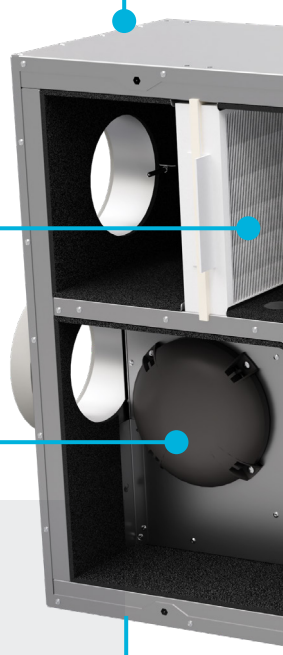
INSTALL

Benefits and ease of installation

Specially designed features that will provide maximum benefit to your project.

Compact full-featured casing
The compact casing is double-skinned galvanised steel with insulation in between. The materials fulfil C3 class in corrosion resistance. It is airtight, leakage compliant and designed to minimise breakout noise. In outdoor and exhaust spaces, the panels have extra condensation insulation to prevent condensation.

Filters
Filters fulfil the new ISO 16890 requirements and ensure that the best air quality is achieved with the least impact on energy consumption. Spare part filters are available in kits (Supply + Extract).



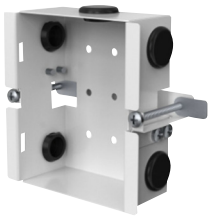
Energy-efficient fans
All units are equipped with high-efficiency fans with stepless EC technology. The fans are back-bladed radical fans that ensure high performance.

Counter flow heat exchangers
We offer both condensation and enthaply exchangers with 100% stepless bypass and accurate control. Together with the moisure sensor it reduces the need of defrosting.

Rotating heat exchangers
Units with rotating heat exchangers have a stepless motor that regulates the rotation speed of the wheel. This stepless function enables **moisture transfer control** and **accurate temperature control**.

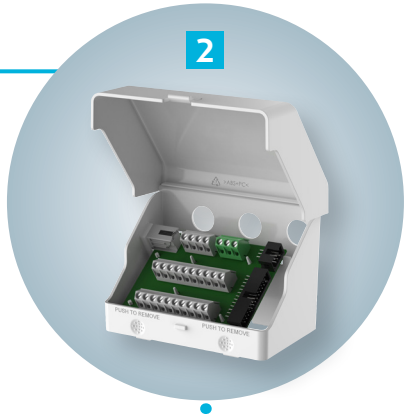
Sensors
You get on demand-controlled ventilation with respect to humidity as standard in all units. You can also add other sensors, such as CO_2 sensors.

Detachable
Mount your control panel in the wall, on the wall or directly on the SAVE unit using added magnets.
*Control panels are connected by an up to 40 meter long RJ10 cable.



Maintenance

Components are easily accessible for service and maintenance through several design features like quick releases.



1 Mounting kits

SAVE units are available with accessories that enable wide installation options.

2 Accessory installation

Install the accessories and auxiliary equipment easily since all the required connection terminals are located on the Connection Box - outside the unit. The Connection Box is detachable and can be relocated to an even more convenient location.

3 Complete control

The integrated SAVE control system serves as the brain and controls the performance of the unit. It allows the installer and end customer to choose different display options. Users can select SAVE TOUCH control or SAVE CONNECT 2.0 (with SAVE CONNECT mobile APP) for complete functionality and startup wizard or the SAVE LIGHT for basic functionality. In larger installations it can also be remote controlled via the inbuilt Modbus/RS485 communication interface.

SAVE Control System

Simplified connection, configuration and control

SAVE control benefits:

- Flexible and freely configurable
- External connection board
- Integrated Modbus RTU for BMS/ SCADA integration
- SAVE CONNECT 2.0 in standard delivery for remote control and commissioning on site.
- Selection of accessory User interfaces
  - SAVE TOUCH
  - SAVE LIGHT

The SAVE control system - standard platform for the SAVE model range.

SAVE devices are standardly equipped with SAVE CONNECT 2.0 Internet Access Module which enables remote control using SAVE CONNECT mobile app and WEB interface for easy device commissioning, control and troubleshooting without need for additional control panels or internet!

Internet connected SAVE devices can also be linked to SAVE PRO Cloud application. Systemair's offers convenience of remote and adaptable technical support, troubleshooting assistance, and the capability to monitor multiple devices—all seamlessly accessible through a unified interface.

We also offer options for control Interfaces – SAVE TOUCH for advanced users and SAVE LIGHT for very basic control and information.

SAVE TOUCH

Advanced touch screen controller with intuitive and simple control interface. Simple unit configuration using Start Up Wizard, provides an option to monitor and control all unit parameters and offers an overview of alarm and data history.

SAVE LIGHT

Simple control panel for basic control functionality, providing an option to reset filter timer and alarm indication.

CONTROL

Systemair Services

Remote service of SAVE units and filter purchases.

Smart Home integrations

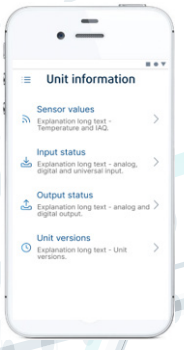
Link your SAVE unit to third party Smart Home platforms (Amazon, Alexa, Google home and IFTTT)

SAVE PRO

Professional users can monitor, commission and control their own and client SAVE units remotely using free and BMS like Portal.

SAVE CONNECT Cloud

SAVE CONNECT reaches Homesolutions cloud services over your home internet gateway, that enables user not only to remotely control the unit, but also to receive unit software updates, access third party Smart Home platforms, remote technical service, filter purchase and more.



WEB Interface (Local control)

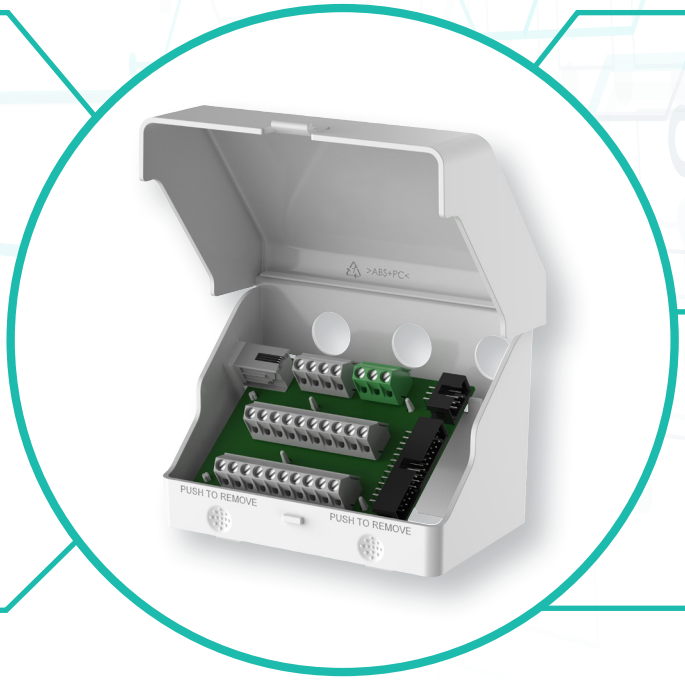
Connect to unit using your mobile device or Laptop over WLAN (WiFi) for easy commissioning or control of the SAVE unit. No Internet required

Mobile APP (Remote control)

The SAVE CONNECT mobile application offers full unit control and remote configuration functionality. The app completely eliminates the need for additional control panels, in addition offering a possibility for remote service and control of the unit.

SAVE CONNECT 2.0

Solution enabling the customer to remotely control the SAVE unit, manage unit configuration.



Standard Modbus RTU

Freely configurable Modbus RTU over RS485 available for BMS integration.

Connectors for external components

Connectors for external components (temperature, airflow control, safety, IAQ sensor, etc.) on the control units are clearly marked and grouped together to reduce installation and startup time. The external connection board simplifies accessory installation.

CONTROL

SAVE TOUCH

Advanced control panel with touch display for end-customers and installers.

Useful live data
Active functions tab provides information about current unit activity.

Make people feel good
Use pre-configured user modes to adapt the unit operation to your needs.

Follow-up
Follow-up on unit operation historical data with an alarm and unit data history log functions.

Expand
One control panel is not enough? Connect up to 10 displays!

Easy set-up
Use the Start-up wizard for quick and seamless unit configuration.

Capacitive display
TFT based touch display provides high contrast, great visibility angles and clear visibility.

Sleep mode
When the display is unused it will switch to Quick Info screensaver mode, providing only the most relative unit information.

You are in control
Control all features of your unit - change airflow and temperature setpoints, configure and adjust control functions and configure additional devices.

2 Permanent operation modes

MANUAL MODE
Gives airflow control to the user.

AUTO MODE
Automatically controls indoor air quality.

5 Temporary operation modes

AWAY MODE
Save the energy once the house is unoccupied for shorter periods of time.

CROWDED MODE
Increase the airflow levels during periods of high occupancy.

FIREPLACE MODE
Create an overpressure inside the building.

REFRESH MODE
Increase the airflow levels for shorter periods of time.

HOLIDAY MODE
Save the energy once the house is unoccupied for longer periods of time.

SAVE LIGHT

Ergonomic and robust control panel, developed for end-customers.

Sleep mode
The display will go into a full dark mode during the pre-set night hours.

Visual notifications
LEDs indicate an alarm state and if it is the time to change the filters.

Expand
One control panel is not enough? Connect up to 5 displays!

Standard
SAVE LIGHT use the same plastic housing as the SAVE TOUCH display so all the mounting places are universal.

Display
SAVE LIGHT comes in both black and white. Bright LEDs ensure clear visual status indication.

Only what you need
Control the airflow levels using the intuitive two-button interface.

2 Permanent operation modes

MANUAL MODE
Gives airflow control to the user.

AUTO MODE
Automatically controls indoor air quality.

1 Temporary operation mode

REFRESH MODE
Increase the airflow levels for shorter periods of time.

SAVE CONNECT 2.0

Gateway to the SAVE unit for Mobile APP or Local WEB Interface

Stay updated
Receive all the latest unit software updates keeping your unit up and running with all the latest unit functions and features.

Remote Service with SAVE PRO Cloud application
Connect to SAVE PRO Cloud – professional Ventilation Management platform for B2B partners. Get the convenience of accessing remote and adaptable technical support, troubleshooting assistance, and the capability to monitor multiple own and client devices.

SAVE CONNECT 2.0 module

Wireless
SAVE CONNECT 2.0 module enables wireless internet connection from home router or your mobile phone.

Store and Save
Configuration files can be stored into the SAVE CONNECT 2.0 module, allowing users to copy the configuration from one unit to another without requiring an Internet connection.

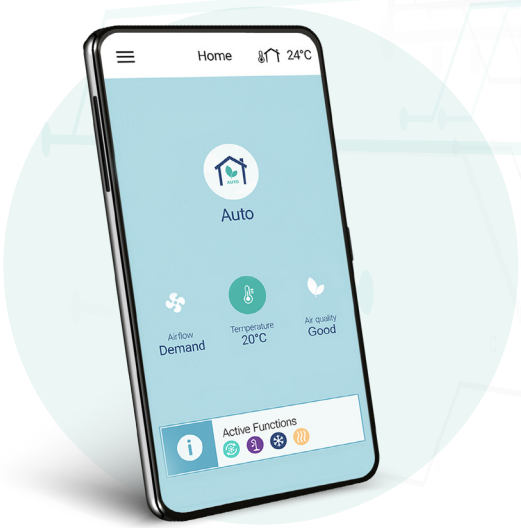
Remote Access via APP
SAVE CONNECT 2.0 enables the user to control the device using the SAVE CONNECT mobile application, unlocking full device control, monitoring and configuration functionality!

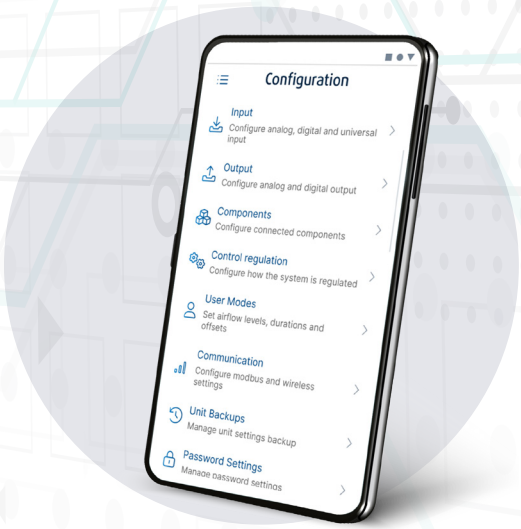
Download SAVE CONNECT mobile app from Google Play or App Store.

GET IT ON Google Play

Download on the App Store

Local access via WEB interface
SAVE CONNECT 2.0 fully replaces SAVE TOUCH control panel for installers, enabling configuration, troubleshooting and control of the SAVE device via inbuilt WEB page. No Internet or app required – just a mobile device with a web browser!





Functions	SAVE TOUCH	SAVE LIGHT	SAVE CONNECT 2.0	
			Mobile App	WEB interface
Temperature setpoint setting	•		•	•
ECO mode activation (with installed heater)	•		•	•
AUTO mode (week schedule, demand control, external control activation)	•	•	•	•
MANUAL mode (OFF/LOW/NORMAL/HIGH airflow speed)	•	•	•	•
REFRESH mode	•	•	•	•
CROWDED mode	•		•	•
HOLIDAY mode	•		•	•
AWAY mode	•		•	•
FIREPLACE mode	•		•	•
Alarm indication	•	•	•	•
Alarm details (date, type, state)	•		•	•
Alarm history log (20 events)	•		•	•
Active Function indication	•		•	•
Different Access Levels (password protected menus)	•		•	•
Live unit data (sensor values, I/O status, etc.)	•		•	•
Unit configuration menu	•		•	•
Restore factory/user settings function	•		•	•
Store user unit settings function	•		•	•
Quick information screen saver	•			
Sleep mode	•	•		
22 languages	•		•	
Filter Alarm indication	•	•	•	•
Reset filter period timer	•	•	•	•
Remote Access to unit			•	
Local Access to unit (no internet)	•	•		•
Configuration file upload/download remotely			•	•
Store configuration file in IAM			•	•
Unit parameter graph display (2 weeks log of unit operation)	•		•	

STANDARD SAVE UNIT FUNCTIONS

FAN CONTROL

- Manual Control – %
- RPM control - RPM
- Air flow control – m^3/h, m^3/s, l/s (accessory)
- Constant duct pressure – Pa (accessory)
- External control

TEMPERATURE CONTROL

Control types:

- Supply air temperature control
- Cascade extract air/room temperature control

Functions:

- Free colling
- Free Heating
- Cooling recovery
- Outdoor air compensation for Supply or Supply/Extract air fans
- ECO mode (Electrical heater temperature setpoint offset)

Temperature control sequences with individual settings:

1. Heater:
- Water (AO/DO)
  - FPT
  - Warm Keeping
- Electrical (AO/DO)
  - Emergency Thermostat
  - Overheat Temperature sensor

2. Cooler:
- Water (AO/DO)
  - FPT
- Change-over (DO)

3. Heat exchanger:
- Rotary (variable speed)
  - RGS (magnet)
- Plate (variable position)
  - BYS (end possition)

4. Extra:
- Extra zone Heating (AO/DO)
- Extra zone cooling (AO/DO)
- Preheater (AO/DO)
- GEO
  - Cooler (DO)
  - Preheater (DO)
- Circulation pumps for all control sequences

DIGITAL INPUTS

- User mode activation (adjustable stop delay and airflow levels)
- Fire Alarm
- External Stop
- Cooker Hood
- Central vacuum cleaner
- Pressure Guard
- 3 freely configurable digital Inputs (adjustable stop delay and airflow levels)
- Extra controller alarm
- Change-over feedback

EXTRA FUNCTIONS

- Week schedules:
  - on/off control of external component via digital output
  - 7 days with 2 scheduled and unscheduled periods each
  - adjustable airflow levels for periods
  - adjustable temperature offset for periods
- Moisture transfer control
- 5 extra sensors (RH/CO_2)
- 5 User modes with adjustable stop delay and temperature offsets
- Outdoor air damper control

DEMAND CONTROL

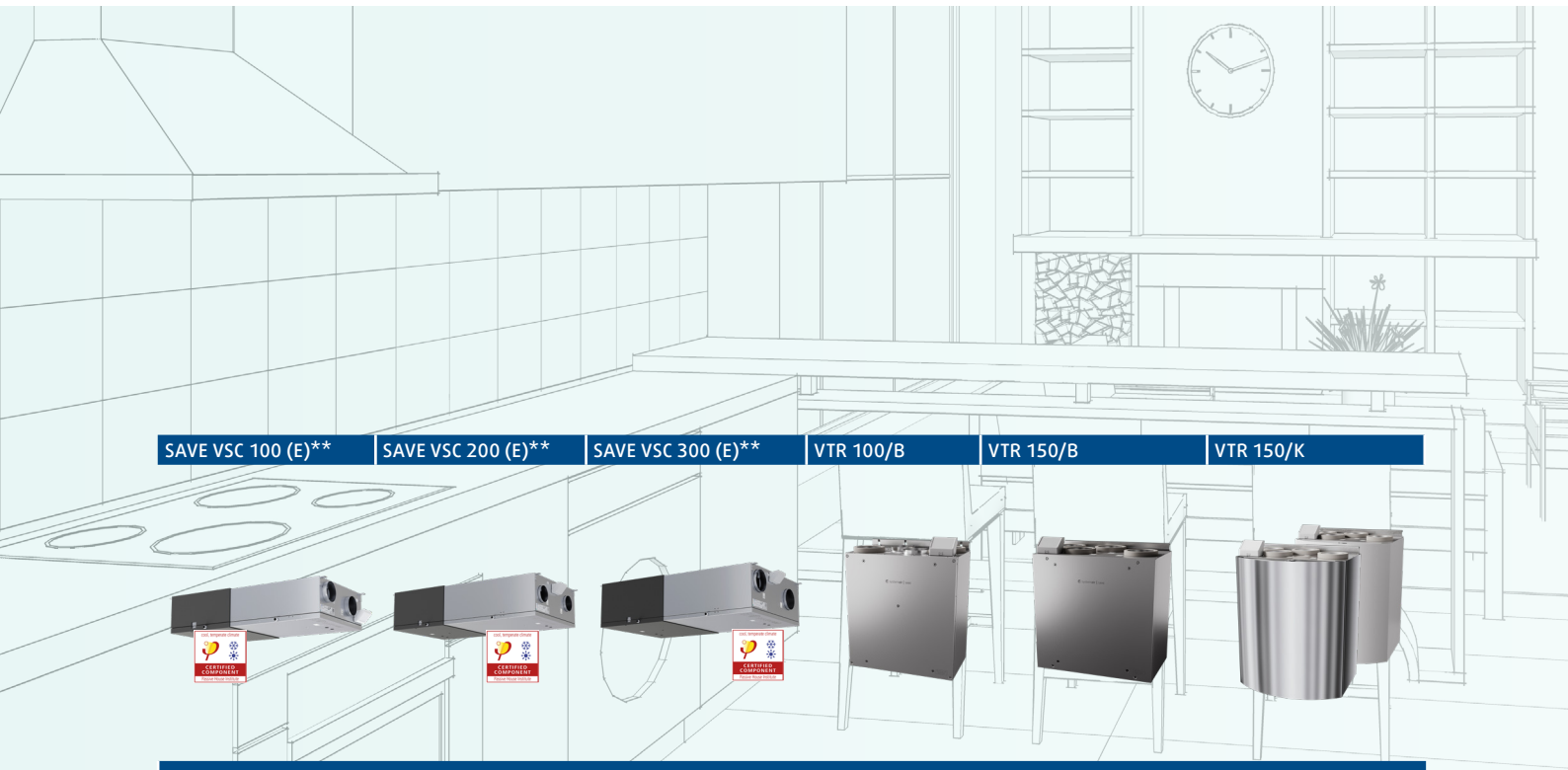
- CO_2 (accessory)
- RH (standard)
  - Summer/Winter setpoints

Energy-efficient ventilation for all kinds of homes

The Eurovent-certified SAVE series includes a wide selection of energy-efficient ventilation units with modern designs to suit both houses and apartment blocks. All SAVE units surpass market requirements for a healthy indoor climate and low energy consumption. All units are suitable for use in both new and renovated buildings and always come preprogramed, tested and ready to install. All you have to do is "plug & breathe".

Air handling unit		SAVE VTC 200-1 (E)**	SAVE VTC 300 (E)**	SAVE VTC 500 (E)**	SAVE VTC 700 (E)**
Energy efficiency class					
Standard unit		A	A	A	A
Standard unit with accessories		A	A+	A	A+
Technical data					
Design up to living space	m^2	180	240	400	550
Qref at 50 Pa	l/s m^3/h	56/200	71/255	117/421	166/599
Qmax at 100 Pa	l/s m^3/h	79/285	101/364	167/602	237/856
Sound power level (LwA)	dB(A)	47	40	44	41
Efficiency heat recovery	%	84/83 (E)**	86/83 (E)**	84/81 (E)**	87/79 (E)**
Filter, Supply air		F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%
		F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*
Filter, Extract air		M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%
Duct connections	mm	125	160	200	250
Max. power, fan(s)	W	81	85	169	170
Electrical heater	W	-	1670*	1670*	4500*
Recommended fuse	A	10	10	13	10
Width (with connection box)	mm	-	-	-	-
Width (without connection box)	mm	598	762	880	1170
Height (with connection box)	mm	629	883	880	1250
Height (without connection box)	mm	550	800	800	1175
Depth	mm	550	615	615	860
Weight	kg	47	72	82	151
Isolation of casing	mm	30	30	30	30
Condensate connection		1/2" (2x)	1/2" (2x)	1/2" (2x)	1/2" (2x)
Application					
Flats		●			
Single-family house		●	●	●	
Apartment building, centrally					●
Light commercial			●	●	●
Built in cooker hood					
Connection for external cooker hood					

* Available as accessories.
** Enthalpy version.



SAVE VSC 100 (E)**	SAVE VSC 200 (E)**	SAVE VSC 300 (E)**	VTR 100/B	VTR 150/B		VTR 150/K	
A	A	A	A	A		A	
A+	A	A	A	A		A	
				Right	Left	Right	Left
100	200	320	100	115	115	115	115
32/116	65/233	99/358	29/106	50/181	54/195	50/181	54/195
46/166	93/333	142/511	41/151	72/258	77/278	72/258	77/278
36	45	46	42	41	43	41	43
86/85 (E)**	89/83 (E)**	85/79 (E)**	85	79	79	79	79
F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%
F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*
M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%
125	125	160	125	125	125	125	125
27	81	119	35	81	81	81	81
-	-	-	250*	500/1000		500/1000	
10	10	10	10	10	10	10	10
1263	1473	1473	-	-	-	-	-
1220	1430	1430	561	596	596	596	596
-	-	-	679	707	707	800	800
258	328	355	600	630	630	720	720
640	750	840	322	368	368	465	465
47	70	80	39	46	46	61	61
20	20	20	30	30	30	30	30
1/2" (2x)	1/2" (2x)	1/2" (2x)	-	-	-	-	-
●	●		●	●	●	●	●
	●	●		●	●	●	●
		●					
						●	●
			●	●	●		

Air handling unit		SAVE VTR 250/B	SAVE VTR 275/B	SAVE VTR 350/B	SAVE VTR 500	SAVE VTR 700
Energy efficiency class						
Standard unit		A	A	A	A	A
Standard unit with accessories		A	A	A	A	A+
Technical data						
Design up to living space	m^2	200	200	300	400	550
Qref at 50 Pa	l/s m^3/h	60/215	61/221	98/353	111/400	185/666
Qmax at 100 Pa	l/s m^3/h	85/307	88/316	140/504	159/571	264/951
Sound power level (LwA)	dB(A)	38	40	44	46	41
Efficiency heat recovery	%	81	79	82	84	82
Filter, Supply air		F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%
		F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*
Filter, Extract air		M5/ePM10 60%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 60%	M5/ePM10 50%
Duct connections	mm	125	125	160	200	250
Max. power, fan(s)	W	81	81	169	170	170
Electrical heater	W	500/1000	500	1670	1670	1670*
Recommended fuse	A	10	10	13	13	13
Width (with connection box)	mm	-	-	-	-	-
Width (without connection box)	mm	598	598	762	920	1170
Height (with connection box)	mm	880		878	885	1250
Height (without connection box)	mm	800	580	802	800	1175
Depth	mm	490	450	490	584	860
Weight	kg	56	46	66	85	188
Isolation of casing	mm	30	30	30	30	30
Condensate connection		-	-	-	-	1/2"
Application						
Flats		●	●			
Single-family house		●	●	●	●	
Apartment building, centrally						●
Light commercial				●	●	●
Built in cooker hood						
Connection for external cooker hood		●	●	●		

*Available as accessories.

SAVE VSR 150/B	SAVE VSR 200/B	SAVE VSR 300	SAVE VSR 400	SAVE VSR 500	SAVE VSR 700
A	A	A	A	A	A
A	A	A	A	A	A+
100	180	240	400	400	500
33/118	55/199	71/257	119/430	118/426	169/609
48/168	79/284	102/367	170/615	168/608	242/870
35	43	43	45	53	44
85	83	85	83	84	83
F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%	F7/ePM1 60%
F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*	F8/ePM1 70%*
M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%	M5/ePM10 50%
125	125	160	200	200	250
35	81	81	169	169	170
500	1000	1670	1670	1670	1670
10	10	10	13	13	13
1215	1215	1177	1280	1177	1480
1150	1172	1150	1200	1150	1400
-	-	-	-	-	-
303	350	595	680	645	710
586	620	505	510	595	748
49	56	65	80	77	120
30	30	50	50	50	50
-	-	-	-	-	-
●	●				
	●	●	●	●	
					●
		●	●	●	●
●	●				

Systemair around the globe

3

Distribution Centers

50

Countries with Sales Subsidiaries

Always close to you!

Systemair AB · August 2025 ·

systemair

www.systemair.com