



Home Solutions by Systemair

SAVE Controls Leaflet

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 3.0 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 3.0 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!

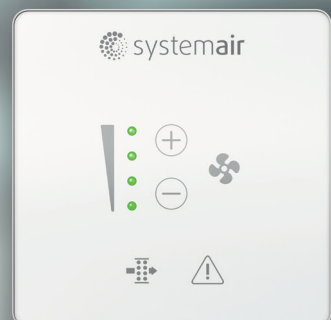
Internet connected SAVE devices can also be linked to SAVE PRO Cloud application. Systemair's offers convenience of remote and adaptable technical support, troubleshooting assistance, and the capability to monitor multiple devices—all seamlessly accessible through a unified interface.

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.



Systemair Services

Remote service of SAVE units and filter purchases.



SAVE PRO

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



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.



Smart Home integrations

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

CONTROL



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.



SAVE CONNECT 3.0

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



Standard Modbus RTU

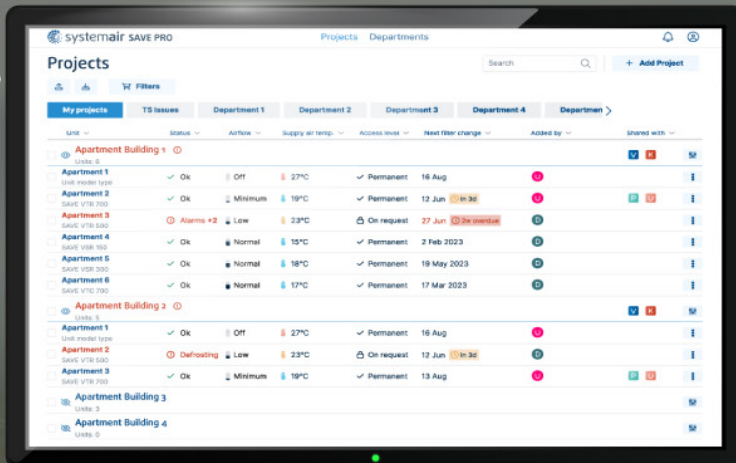
Freely configurable Modbus RTU over RS485 available for BMS integration.

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.

SAVE PRO

for professional ventilation management



The screenshot displays the 'Projects' section of the Systemair SAVE PRO software. It features a table with columns for 'My projects', 'TS issues', 'Department 1', 'Department 2', 'Department 3', 'Department 4', and 'Department 5'. The table lists various apartment buildings and their associated units, along with their status (e.g., 'Ok', 'Minimum', 'Low', 'Normal') and the date of the last update. A red exclamation mark icon is visible next to 'Apartment 3' in the first building group.

My projects	TS issues	Department 1	Department 2	Department 3	Department 4	Department 5
Apartment Building 1						
Unit 1	Ok	Off	27°C	Permanent	16 Aug	
Apartment 1	Ok	Minimum	19°C	Permanent	12 Jun	
Apartment 2	Ok	Minimum	19°C	Permanent	12 Jun	
Apartment 3	Alarms #2	Low	23°C	On request	27 Jun	
Apartment 4	Ok	Normal	15°C	Permanent	2 Feb 2023	
Apartment 5	Ok	Normal	18°C	Permanent	19 May 2023	
Apartment 6	Ok	Normal	17°C	Permanent	17 Mar 2023	
Apartment Building 2						
Unit 1	Ok	Off	27°C	Permanent	16 Aug	
Apartment 1	Ok	Minimum	19°C	Permanent	12 Jun	
Apartment 2	Defrosting	Low	23°C	On request	12 Jun	
Apartment 3	Ok	Minimum	19°C	Permanent	13 Aug	
Apartment Building 3						
Apartment Building 4						

1. Collect own and Client SAVE units in Projects and access them from a single User Interface
2. Full control and commissioning possibilities of connected devices
3. Detailed client and unit information
4. Project and unit sharing between departments and employees
5. Direct Systemair Technical Support



SAVE CONNECT 3.0

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

CONTROL

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 3.0 module

Wireless

SAVE CONNECT 3.0 module enables wireless internet connection from home router or your mobile phone.

Store and Save

Configuration files can be stored into the SAVE CONNECT 3.0 module, allowing users to copy the configuration from one unit to another without requiring an Internet connection.

Remote Access via APP

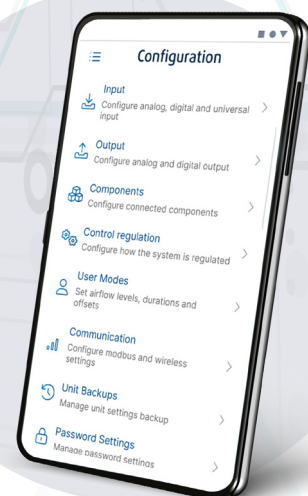
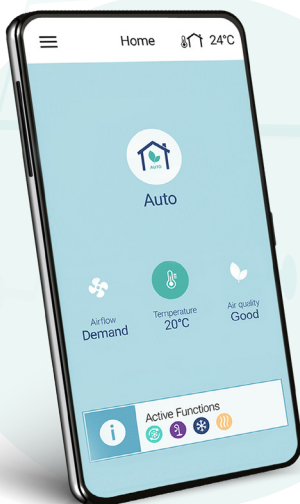
SAVE CONNECT 3.0 enables the user to control the device using the SAVE CONNECT mobile application, unlocking full device control, monitoring and configuration functionality!

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



Local access via WEB interface

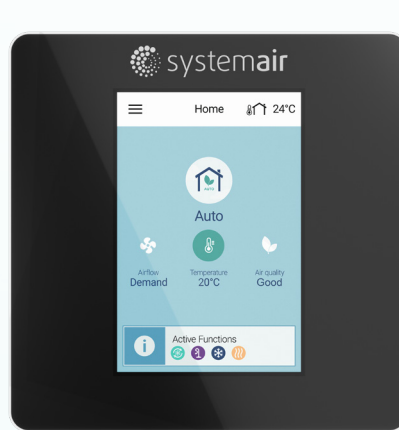
SAVE CONNECT 3.0 fully replaces SAVE TOUCH control panel for installers, enabling configuration, troubleshooting and control of the SAVE device via inbuilt WEB page. No Internet or app required – just a mobile device with a web browser!



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.



FIREPLACE MODE

Create an overpressure inside the building.



HOLIDAY MODE

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



CROWDED MODE

Increase the airflow levels during periods of high occupancy.

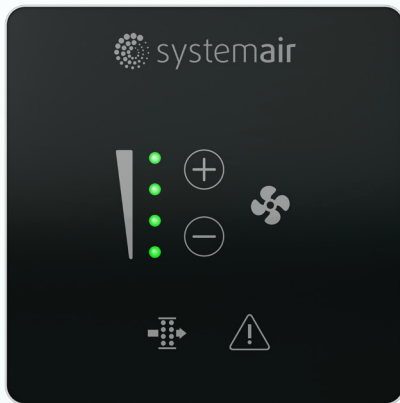


REFRESH MODE

Increase the airflow levels for shorter periods of time.

SAVE LIGHT

Ergonomic and robust control panel, developed for end-customers



The control panel makes it easy to control the climate in your home.

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.

Functions	SAVE TOUCH	SAVE LIGHT	SAVE CONNECT	
			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 – m³/h, m³/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 position)
- 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/CO₂)
- 5 User modes with adjustable stop delay and temperature offsets
- Outdoor air damper control

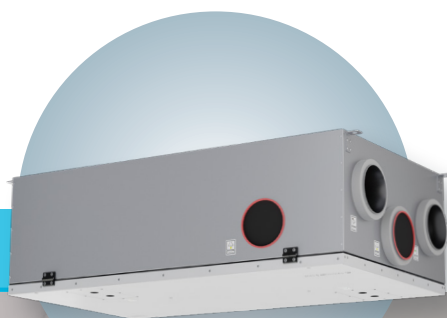
DEMAND CONTROL

- CO₂ (accessory)
- RH (standard)
 - Summer/Winter setpoints

Installation example

INSTALL

SAVE VSR 200/B



SAVE TOUCH



