

# Home Solutions for Residential Ventilation

Recent Launches in SAVE Residential range



INSTALL

# Installation examples

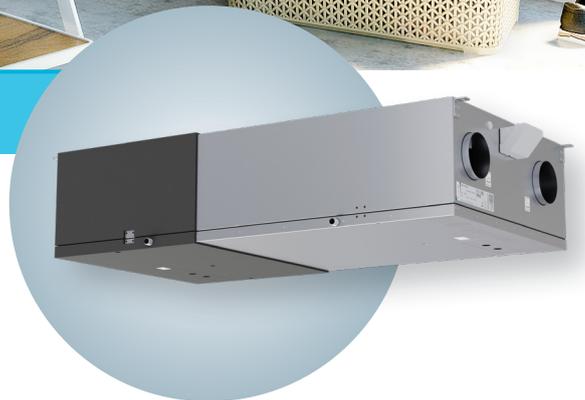


SAVE VTR 275/B





SAVE VSC 200



# Installation examples



SAVE VSR 200/B





SAVE VTC 200 - 1



# SAVE VTC 200-1

Condensation and enthalpy model



- High efficiency condensation and enthalpy heat exchanger with high performance EC fans
- Demand ventilation control is standard with the built in humidity sensor
- Automatic defrosting
- Preheater needed for outdoor temperature < -3°C/-10°C (E)
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

SAVE VTC 200-1 (condensation) or SAVE VTC-E 200-1 (enthalpy) is a top connected counter flow unit designed for installation on the wall in laundry rooms, storerooms etc. in a home with a ventilated area of up to approx. 180 m<sup>2</sup>.

VTC 200-1 or VTC-E 200-1 unit is white painted, fully insulated and comes with complete control functionality. The unit automatically regulates the recovery of heating/cooling by the built in damper and has automatic defrosting function.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



Download SAVE CONNECT app via Google Play or Apple store.

Technical data SAVE VTC 200-1 and VTC-E 200-1			
Art. no. (condensation)	Right/Left	488861/488862	
Art. no. (enthalpy)	Right/Left	488903/488904	
Energy efficiency class	A		
Standard unit	A		
Standard unit with accessories*	A		
Voltage/Frequency	V/50 Hz	230	
Power rating per fan	W	34	
at example duty point:	56 l/s at 50 Pa 200 m <sup>3</sup> /h at 50 Pa		
SFP	kW/m <sup>3</sup> /s	1.22	
Efficiency according EN 13141-7		84%	83% (E)**
Fuse	A	10	
Input power, fan motor	W	2 x 81	
Filter, supply air	ePM1 60%		
Pleat filter (PF)	ePM10 50%		
Filter, extract air	ePM1 60%		
Pleat filter (PF)	ePM10 50%		
Weight	kg	47	48 (E)**

\* With Indoor Air Quality accessories

\*\* (E) - Enthalpy version

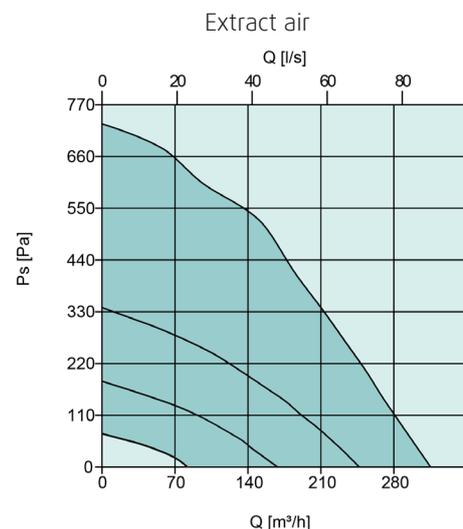
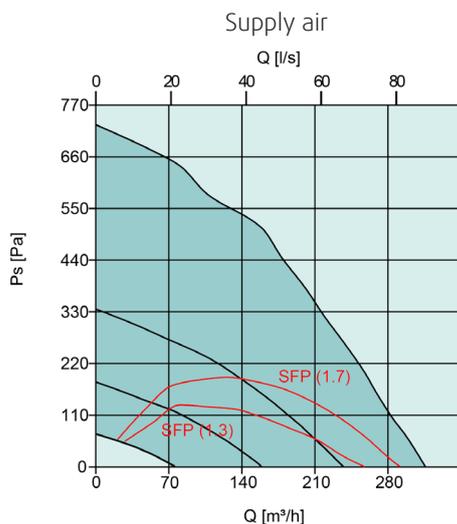
SFP = Specific Fan Power (kW/m<sup>3</sup>/s)

The SFP value stated applies to the complete unit.

LwA dB(A)	Tot	Mid-frequency band, Hz							
		63	125	250	500	1k	2k	4k	8k
Supply air	70	79	79	73	67	64	58	49	39
Extract air	60	71	59	66	54	51	39	26	25
Surrounding	47	46	50	54	39	33	30	27	26

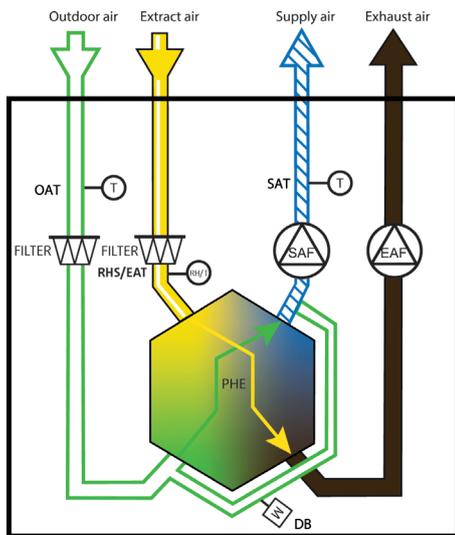
The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 56 l/s at 50 Pa).

## Performance data (Right unit)



## Scheme

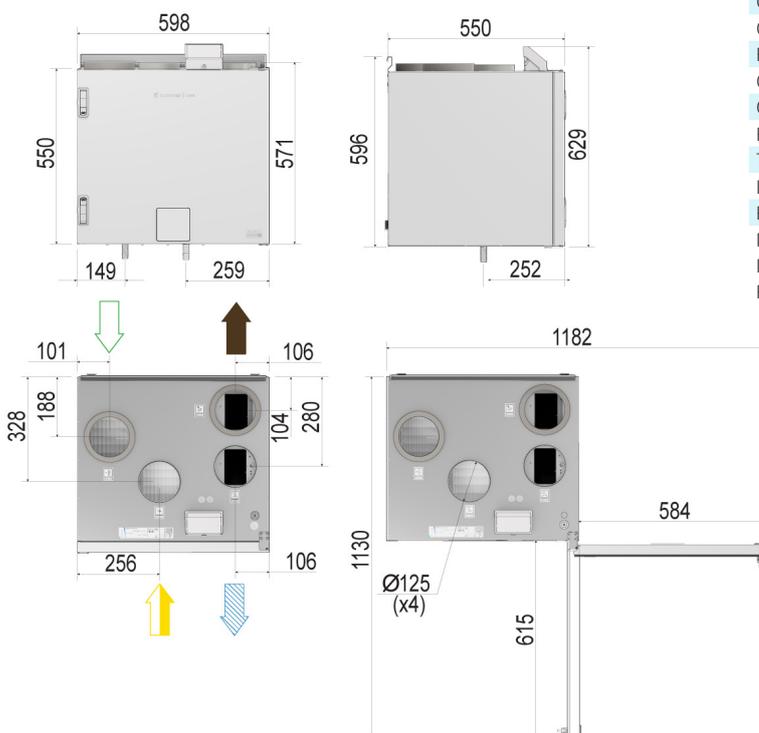
Right-hand version



- SAF Supply fan
- EAF Extract fan
- FILTER Extract/Supply filter
- OAT Outdoor air temp. sensor
- SAT Supply air temp. sensor
- RHS/EAT Relative humidity sensor/Extract air temp. sensor
- DB Bypass damper drive
- PHE Plate Heat Exchanger

## Dimensions

SAVE VTC 200-1 Right-hand version



- Supply
- Exhaust
- Fresh air/supply
- Extract

\*\*\* Drainage connection

## Accessories

Accessories SAVE VTC 200-1 and SAVE VTC-E 200-1		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating/Cooling</b>		
Duct Water heating battery 2 Rows	VBC 125-2	5457
Duct Water heating battery 3 Rows	VBC 125-3	9839
Surface sensor NTC10K (-30-150C) 1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical duct heater	CB 125-0.6 230V/1	5289
Electrical duct heater	CB 125-1.2 230V/1	5290
Electrical duct heater	CB 125-1.8 230V/1	5377
CB heater connection kit	1-Phase kit	142852
Duct cooler	CWK 125-3-2.5	30021
<b>Filters</b>		
PF VTC 200-1 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	398081
PF VTC 200-1 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	398082
<b>Other</b>		
Combi grille 125, White	CVVX 125, white	26422
Combi grille 125, Black	CVVX 125, black	26421
Fast clamp 125	FK 125	1608
Connection duct D 125/1,0 M/F	SCD Flexible Silencer	2556
Silencer	LDC 125-600	5190
Silencer	LDC 125-900	5191
Control damper	TUNE-R-125-3-M1	311938
Control damper (Spring)	TUNE-R-125-3-M4	311968
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-125-3-M2	311948
Control damper (Spring)	TUNE-R-125-3-M5	311978
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS48 24V	204385
Iris Damper	SPI-125 C	6751
Pressure guard with pitot tube	DPR200T	212987
Duct cover	Duct cover VTC 200	113227
Iris Damper	SPI-125 C	6751
Pressure guard with pitot tube	DPR200T	212987

# SAVE VSC 100

Condensation and enthalpy model



SAVE VSC 100 (condensation) and SAVE VSC-E 100 (enthalpy) is a side connected counter flow unit designed for installation in the ceiling in a home with a ventilated area of up to approx. 100 m<sup>2</sup>.

VSC 100 and VSC-E 100 is galvanized, double skinned, fully insulated and comes with complete control functionality. The unit automatically regulates the recovery of heating/cooling by the built in damper and has automatic defrosting function.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



Download SAVE CONNECT app via Google Play or Apple store.

- High efficiency condensation and enthalpy heat exchanger with high performance EC fans
- Demand ventilation control is standard with the built in humidity sensor
- Automatic defrosting
- Preheater needed for outdoor temperature < -3°C-10°C (E)
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

## Technical data SAVE VSC 100 and SAVE VSC-E 100

Art. no. (condensation)	488806	
Art. no. (enthalpy)	488900	
Energy efficiency class	A	
Standard unit	A	
Standard unit with accessories*	A+	
Voltage/Frequency	V/50Hz	230
Power rating per fan	W	12
at example duty point:	32 l/s at 50 Pa 116 m <sup>3</sup> /h at 50 Pa	
SFP	kW/m <sup>3</sup> /s	0,74
Efficiency according EN 13141-7	86%	85% (E)**
Fuse	A	10
Input power, fan motor	W	2 x 27
Filter, supply air	F7/ePM1 60%	
Pleat filter (PF)	M5/ePM10 50%	
Weight	kg	47 48 (E)**

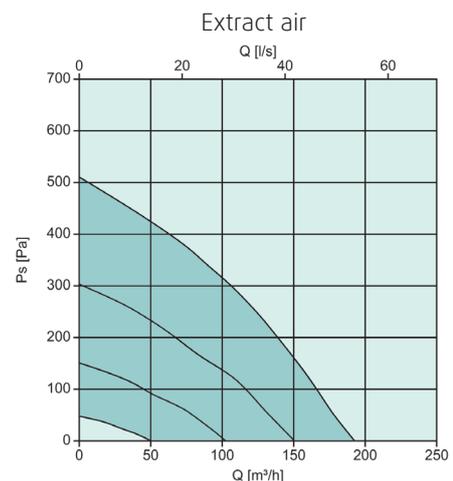
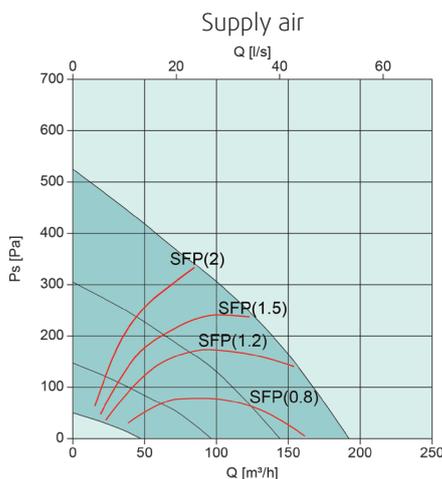
\* With Indoor Air Quality accessories  
\*\* (E) - Enthalpy version

SFP = Specific Fan Power (kW/m<sup>3</sup>/s)

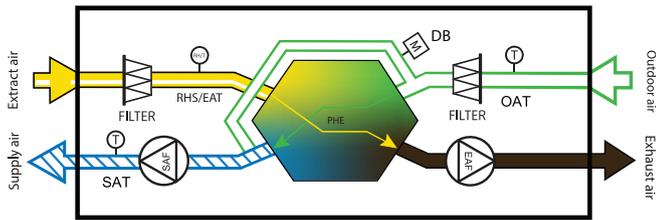
LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	61	71	64	62	59	55	49	44	28
Extract air	47	66	46	53	43	22	14	16	19
Surrounding	36	43	42	42	33	21	16	17	21

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 32 l/s at 50 Pa).

## Performance data (Right unit)



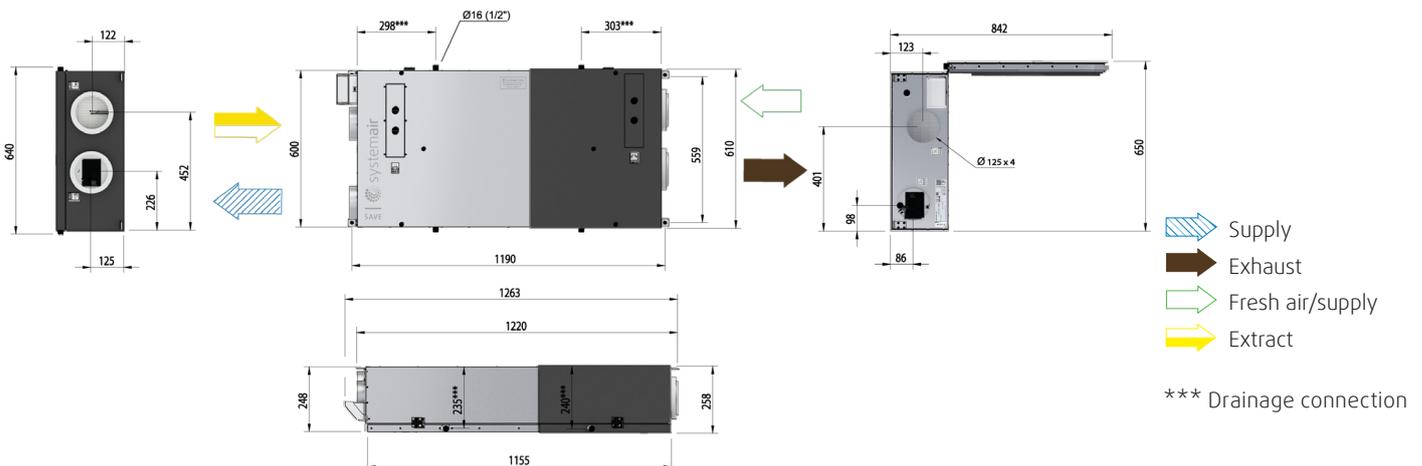
## Scheme



SAF	Supply fan
EAF	Extract fan
FILTER	Extract/Supply filter
OAT	Outdoor air temp. sensor
SAT	Supply air temp. sensor
RHS/EAT	Relative humidity sensor/Extract air temp. sensor
DB	Bypass damper drive
PHE	Plate Heat Exchanger

## Dimensions

### SAVE VSC 100



## Accessories

Accessories SAVE VSC 100 and SAVE VSC-E 100		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating / Cooling</b>		
Duct Water heating battery 2 Rows	VBC 125-2	5457
Duct Water heating battery 3 Rows	VBC 125-3	9839
Surface sensor NTC10K(-30-150C)1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical Duct Heater	CB 125-0,6 230V/1	5289
Electrical Duct Heater	CB 125-1,2 230V/1	5290
Electrical Duct Heater	CB 125-1,8 230V/1	5377
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 125-3-2,5	30021
<b>Filters</b>		
PF VSC 100 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	239523
PF VSC 100 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	239524
<b>Other</b>		
Combi grille 125, White	CVVX 125, white	26422
Combi grille 125, Black	CVVX 125, black	26421
Fast clamp 125	FK 125	1608
Connection duct D125/1,0 M/F	SCD Flexible Silencer	2556
Silencer	LDC 125-600	5190
Silencer	LDC 125-900	5191
Control damper	TUNE-R-125-3-M1	311938
Control damper (Spring)	TUNE-R-125-3-M4	311968
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-125-3-M2	311948
Control damper (Spring)	TUNE-R-125-3-M5	311978
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-125 C	6751
Pressure guard with pitot tube	DPR200T	212987

# SAVE VSC 200

Condensation and enthalpy model

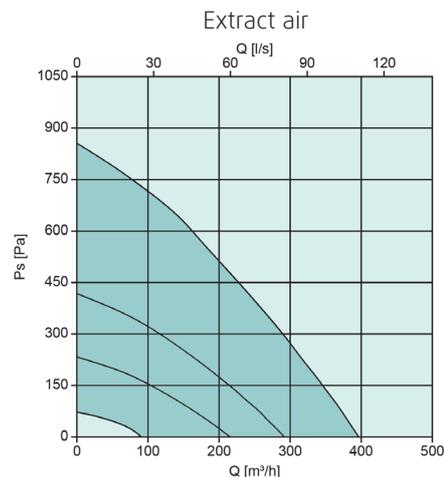
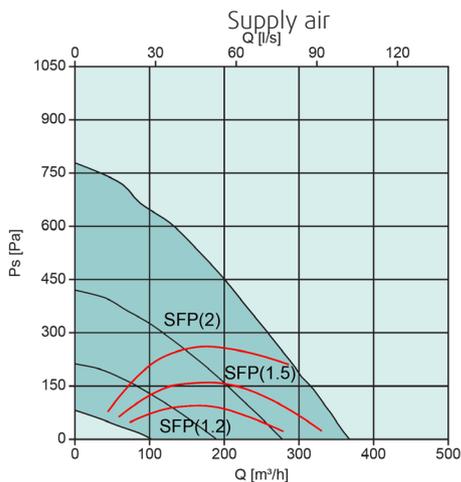


- High efficiency condensation and enthalpy heat exchanger with high performance EC fans
- Demand ventilation control is standard with the built in humidity sensor
- Automatic defrosting
- Preheater needed for outdoor temperature  $< -3^{\circ}\text{C}$ - $10^{\circ}\text{C}$  (E)
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	62	74	66	65	60	54	52	44	33
Extract air	56	74	52	63	44	27	21	18	24
Surrounding	45	50	41	52	37	24	19	19	24

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 65 l/s at 50 Pa).

## Performance data (Right unit)



SAVE VSC 200 (condensation) and SAVE VSC-E 200 (enthalpy) is a side connected counter flow unit designed for installation in the ceiling in a home with a ventilated area of up to approx. 200 m<sup>2</sup>.

VSC 200 and VSC-E 200 is galvanized, double skinned, fully insulated and comes with complete control functionality. The unit automatically regulates the recovery of heating/cooling by the built in damper and has automatic defrosting function.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



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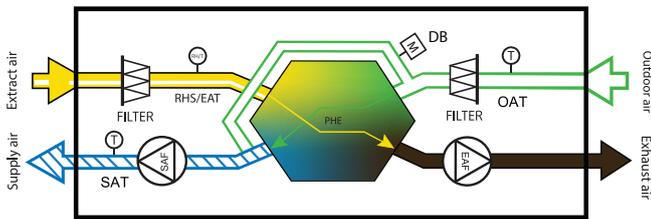
Technical data SAVE VSC 200 and SAVE VSC-E 200		
Art. no. (condensation)	488807	
Art. no. (enthalpy)	488901	
Energy efficiency class	A	
Standard unit	A	
Standard unit with accessories*	A	
Voltage/Frequency	V/50Hz	230
Power rating per fan	W	37
at example duty point:	65 l/s at 50 Pa 233 m <sup>3</sup> /h at 50 Pa	
SFP	kW/m <sup>3</sup> /s	1.15
Efficiency according EN 13141-7	89%	83% (E)**
Fuse	A	10
Input power, fan motor	W	2 x 83
Filter, supply air	F7/ePM1 60%	
Pleat filter (PF)	F7/ePM1 60%	
Filter, extract air	M5/ePM10 50%	
Pleat filter (PF)	M5/ePM10 50%	
Weight	kg	70

\* With Indoor Air Quality accessories

\*\* (E) - Enthalpy version

SFP = Specific Fan Power (kW/m<sup>3</sup>/s)

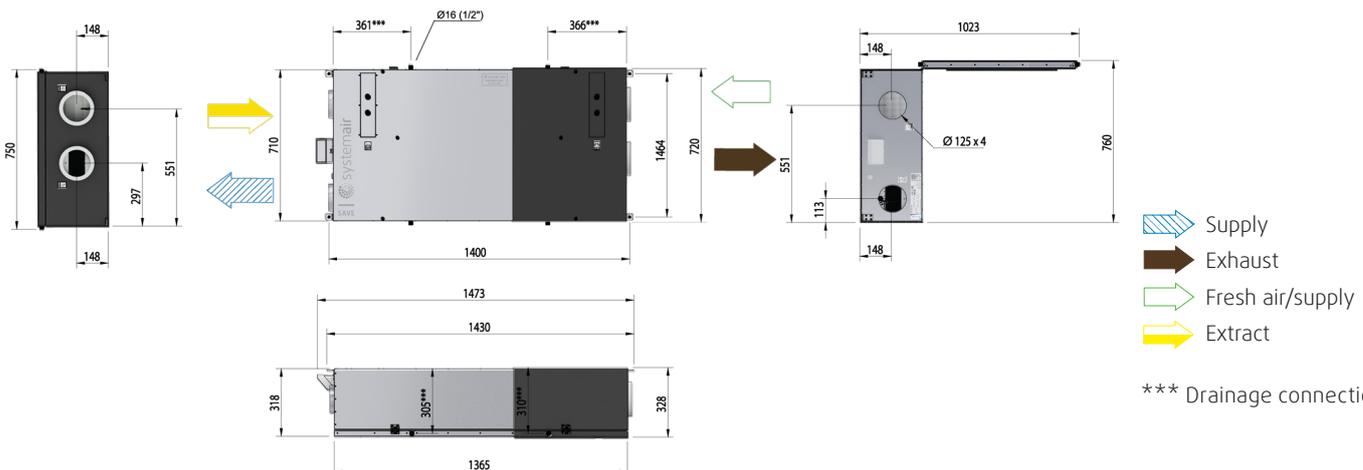
## Scheme



SAF	Supply fan
EAF	Extract fan
FILTER	Extract/Supply filter
OAT	Outdoor air temp. sensor
SAT	Supply air temp. sensor
RHS/EAT	Relative humidity sensor/Extract air temp. sensor
DB	Bypass damper drive
PHE	Plate Heat Exchanger

## Dimensions

### SAVE VSC 200



## Accessories

Accessories SAVE VSC 200 and VSC-E 200		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating / Cooling</b>		
Duct Water heating battery 2 Rows	VBC 125-2	5457
Duct Water heating battery 3 Rows	VBC 125-3	9839
Surface sensor NTC10K(-30-150C)1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical Duct Heater	CB 125-0,6 230V/1	5289
Electrical Duct Heater	CB 125-1,2 230V/1	5290
Electrical Duct Heater	CB 125-1,8 230V/1	5377
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 125-3-2,5	30021
<b>Filters</b>		
PF VSC 200 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	251905
PF VSC 200 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	251906
<b>Other</b>		
Combi grille 125, White	CVVX 125, white	26422
Combi grille 125, Black	CVVX 125, black	26421
Fast clamp 125	FK 125	1608
Connection duct D125/1,0 M/F	SCD Flexible Silencer	2556
Silencer	LDC 125-600	5190
Silencer	LDC 125-900	5191
Control damper	TUNE-R-125-3-M1	311938
Control damper (Spring)	TUNE-R-125-3-M4	311968
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-125-3-M2	311948
Control damper (Spring)	TUNE-R-125-3-M5	311978
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-125 C	6751
Pressure guard with pitot tube	DPR200T	212987

# SAVE VSC 300

Condensation and enthalpy model



- High efficiency condensation and enthalpy heat exchanger with high performance EC fans
- Demand ventilation control is standard with the built in humidity sensor
- Automatic defrosting
- Preheater needed for outdoor temperature < -3°C-10°C (E)
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

SAVE VSC 300 (condensation) and SAVE VSC-E 300 (enthalpy) is a side connected counter flow unit designed for installation in the ceiling in a home with a ventilated area of up to approx. 320 m<sup>2</sup>.

VSC 300 and VSC-E 300 is galvanized, double skinned, fully insulated and comes with complete control functionality. The unit automatically regulates the recovery of heating/cooling by the built in damper and has automatic defrosting function.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



Download SAVE CONNECT app via Google Play or Apple store.

## Technical data SAVE VSC 300 and VSC-E 300

Art. no. (condensation)	488808		
Art. no. (enthalpy)	488902		
Energy efficiency class	A		
Standard unit	A		
Standard unit with accessories*	A		
Voltage/Frequency	V/50Hz	230	
Power rating per fan	W	52	
at example duty point:	99 l/s at 50 Pa		
	358 m <sup>3</sup> /h at 50 Pa		
SFP	kW/m <sup>3</sup> /s	1,04	
Efficiency according EN 13141-7	85%	79% (E)**	
Fuse	A	10	
Input power, fan motor	W	2 x 115	
Filter, supply air	F7/ePM1 60%		
Pleat filter (PF)	F7/ePM1 60%		
Filter, extract air	M5/ePM10 50%		
Pleat filter (PF)	M5/ePM10 50%		
Weight	kg	80	81 (E)**

\* With Indoor Air Quality accessories

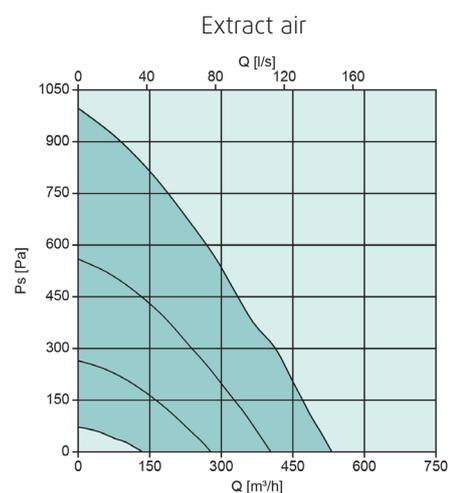
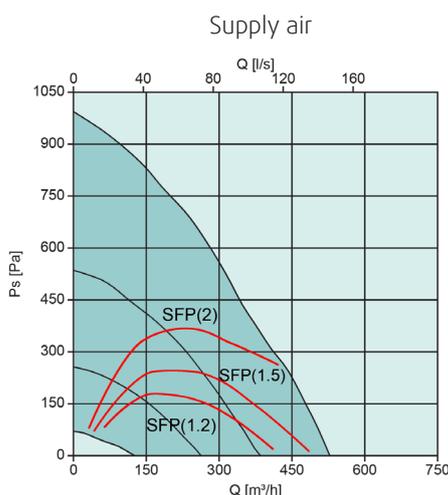
\*\* (E) - Enthalpy version

SFP = Specific Fan Power (kW/m<sup>3</sup>/s)

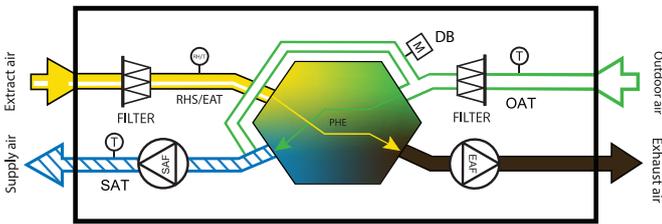
LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	70	76	72	76	65	59	59	52	40
Extract air	46	71	50	51	40	30	28	20	24
Surrounding	46	52	49	53	36	26	25	21	24

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 99 l/s at 50 Pa).

## Performance data (Right unit)



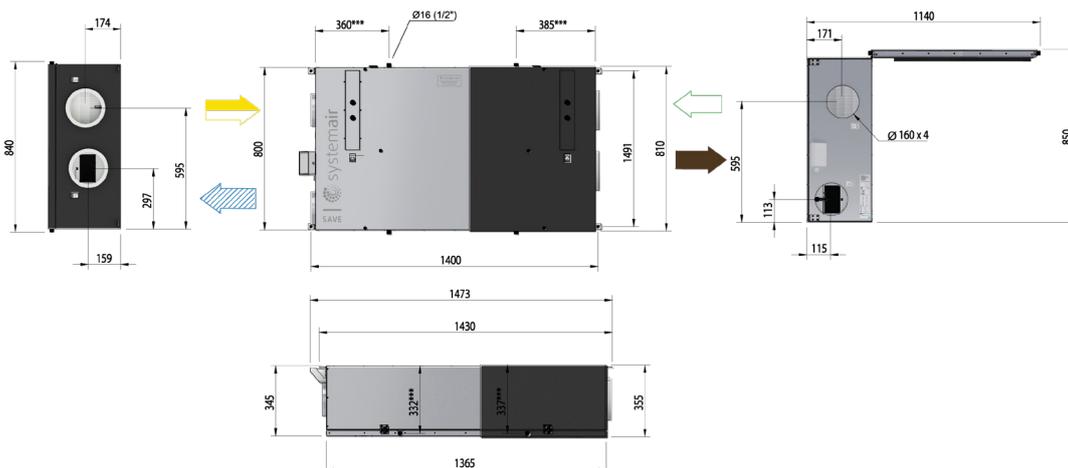
## Scheme



SAF	Supply fan
EAF	Extract fan
FILTER	Extract/Supply filter
OAT	Outdoor air temp. sensor
SAT	Supply air temp. sensor
RHS/EAT	Relative humidity sensor/Extract air temp. sensor
DB	Bypass damper drive
PHE	Plate Heat Exchanger

## Dimensions

### SAVE VSC 300



- Supply
- Exhaust
- Fresh air/supply
- Extract

\*\*\* Drainage connection

## Accessories

Accessories SAVE VSC 300 and VSC-E 300		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating / Cooling</b>		
Duct Water heating battery 2 Rows	VBC 160-2	5458
Duct Water heating battery 3 Rows	VBC 160-3	9840
Surface sensor NTC10K(-30-150C)1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical Duct Heater	CB 160-1,2 230V/1	5291
Electrical Duct Heater	CB 160-2,1 230V/1	5292
Electrical Duct Heater	CB 160-2,7 230V/1	5382
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 160-3-2,5	30022
<b>Filters</b>		
PF VSC 300 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	251909
PF VSC 300 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	251910
<b>Other</b>		
Combi grille 160, White	CVVX 160, white	25396
Combi grille 160, Black	CVVX 160, black	25394
Fast clamp 160	FK 160	1610
Connection duct D160/1,0 M/F	SCD Flexible Silencer	2558
Silencer	LDC 160-600	5192
Silencer	LDC 160-900	5193
Control damper	TUNE-R-160-3-M1	311939
Control damper (Spring)	TUNE-R-160-3-M4	311969
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-160-3-M2	311949
Control damper (Spring)	TUNE-R-160-3-M5	311979
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-160 C	6753
Pressure guard with pitot tube	DPR200T	212987

# SAVE VTR 275/B

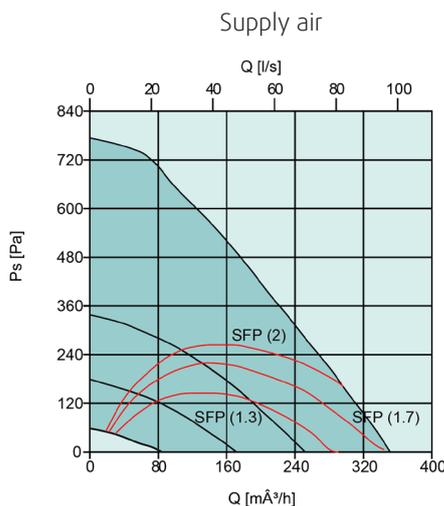


- High efficiency rotating heat exchanger with variable speed drive and high performance EC fans
- By-pass channel for connecting the kitchen hood
- Demand ventilation control is standard with the built in humidity sensor
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	65	72	69	69	62	57	52	44	33
Extract air	56	73	61	63	52	44	36	25	24
Surrounding	40	46	42	46	38	29	26	20	24

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 61 l/s at 50 Pa).

## Performance data (Right unit)



SAVE VTR 275/B is a top connected unit with high efficiency step less rotary heat exchanger with cooker hood connection designed for installation on the wall in a home with a ventilated area of up to approx. 220 m<sup>2</sup>.

VTR 275/B is white painted, double skinned, fully insulated and comes with complete control functionality. The unit accurately controls the speed of the heat exchanger after the need of heat/cooling recovery using the step less rotor motor.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



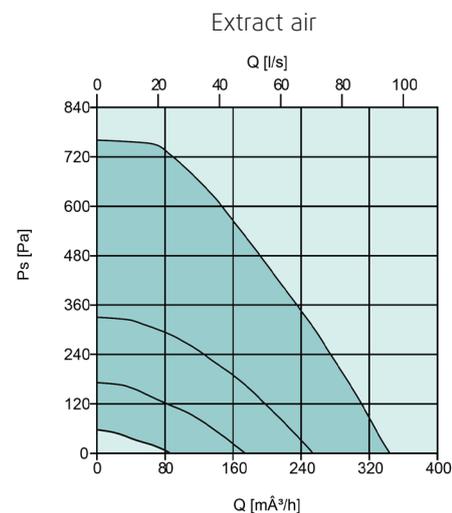
Download SAVE CONNECT app via Google Play or Apple store.

Technical data SAVE VTR 275/B		
Art. no.	Right/Left	488879/488880
Energy efficiency class		A
Standard unit		A
Standard unit with accessories*		A
Voltage/Frequency	V/50 Hz	230
Power rating per fan	W	34
at example duty point:		61 l/s at 50 Pa 221m <sup>3</sup> /h at 50 Pa
SFP	kW/m <sup>3</sup> /s	1,20
Efficiency according EN 13141-7		79%
Fuse	A	10
Electrical re-heater power	W	500
Input power, fan motor	W	2 x 81
Filter, supply air		
Pleat filter (PF)		F7/ePM1 60%
Filter, extract air		
Pleat filter (PF)		M5/ePM10 50%
Weight	kg	46

\* With Indoor Air Quality accessories

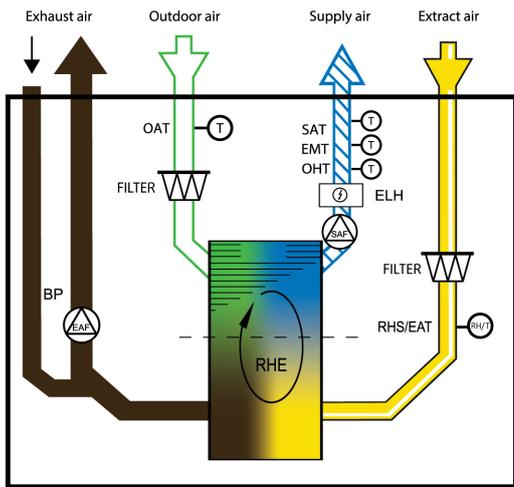
**SFP = Specific Fan Power (kW/m<sup>3</sup>/s)**

The SFP value stated applies to the complete unit.



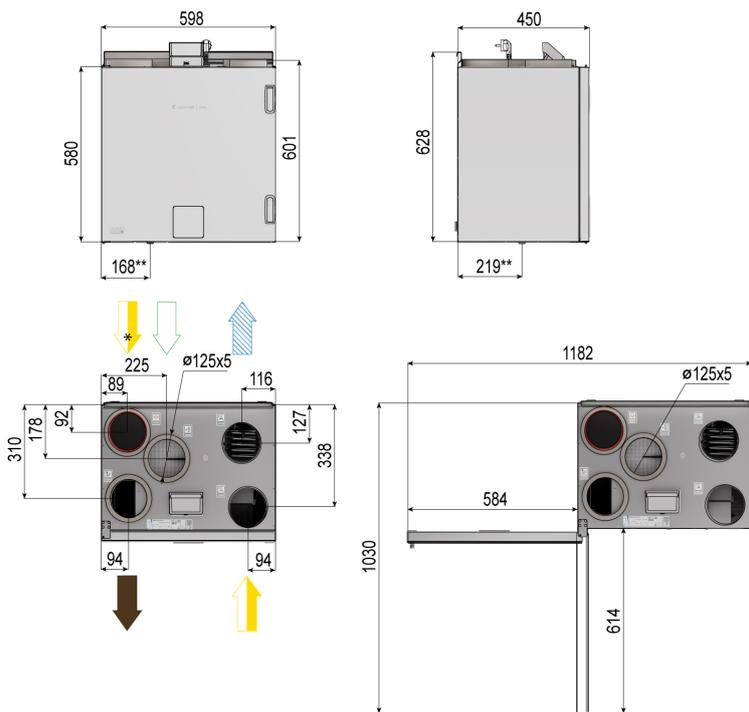
## Scheme

Right-hand version



- SAF Supply fan
- EAF Extract fan
- FILTER Extract/Supply filter
- OAT Outdoor air temp. sensor
- SAT Supply air temp. sensor
- RHS/EAT Relative humidity sensor/Extract air temp. sensor
- BP Bypass cooker hood
- RHE Rotating Heat Exchanger

## Dimensions



## Accessories

Accessories SAVE VTR 275/B		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating / Cooling</b>		
Duct Water heating battery 2 Rows	VBC 125-2	5457
Duct Water heating battery 3 Rows	VBC 125-3	9839
Surface sensor NTC10K (-30-150C) 1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical Duct Heater	CB 125-0,6 230V/1	5289
Electrical Duct Heater	CB 125-1,2 230V/1	5290
Electrical Duct Heater	CB 125-1,8 230V/1	5377
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 125-3-2,5	30021
<b>Filters</b>		
PF VTR275 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	278568
PF VTR275 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	278569
<b>Other</b>		
Combi grille 125, White	CVVX 125, white	26422
Combi grille 125, Black	CVVX 125, black	26421
Fast clamp 125	FK 125	1608
Connection duct D125/1,0 M/F	SCD Flexible Silencer	2556
Silencer	LDC 125-600	5190
Silencer	LDC 125-900	5191
Control damper	TUNE-R-125-3-M1	311938
Control damper (Spring)	TUNE-R-125-3-M4	311968
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-125-3-M2	311948
Control damper (Spring)	TUNE-R-125-3-M5	311978
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-125 C	6751
Pressure guard with pitot tube	DPR200T	212987
Cookerhood, White	MONOLIT - B White	326800
Cookerhood, Stainless	MONOLIT - B S.Steel	326801
Cookerhood Slimline, White	392-10/B Slimline White	77265
Drainage kit	Drain pipe kit	146077

- Supply
- Exhaust
- Fresh air/supply
- Extract

- \* Cooker hood connection
- \*\*\* Drainage connection

# SAVE VTR 350/B



SAVE VTR 350/B is a top connected unit with high efficiency variable speed rotary heat exchanger with cooker hood connection designed for installation on the wall in a home with a ventilated area of up to approx. 300 m<sup>2</sup>.

VTR 350/B is white painted, double skinned, fully insulated and comes with complete control functionality. The unit accurately controls the speed of the heat exchanger after the need of heat/cooling recovery using the step less rotor motor.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



Download SAVE CONNECT app via Google Play or Apple store.

- High efficiency rotating heat exchanger with variable speed drive and high performance EC fans
- By-pass channel for connecting the kitchen hood
- Demand ventilation control is standard with the built in humidity sensor
- Built in electrical re-heater
- Water heater battery available as accessory
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

Technical data SAVE VTR 350/B		
Art. no.	Right/Left	488920/488921
Energy efficiency class		A
Standard unit		A
Standard unit with accessories*		A
Voltage/Frequency	V/50Hz	230
Power rating per fan	W	70
at example duty point:		98 l/s at 50 Pa 353 m <sup>3</sup> /h at 50 Pa
SFP	kW/m <sup>3</sup> /s	1,428
Efficiency according EN 13141-7		82%
Fuse	A	13
Electrical re-heater power	W	1670
Input power, fan motor	W	2 x 169
Filter, supply air		
Pleat filter (PF)		F7/ePM1 60%
Filter, extract air		
Pleat filter (PF)		M5/ePM10 50%
Weight	kg	66

\* With Indoor Air Quality accessories

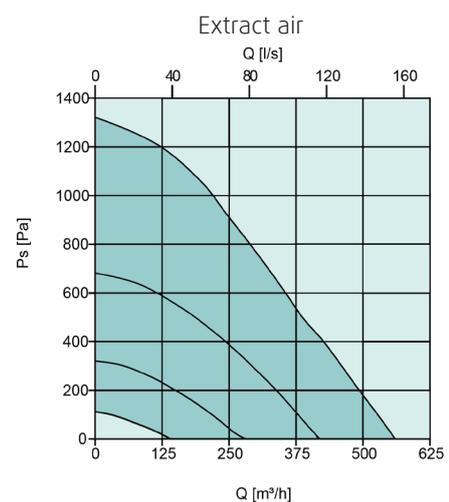
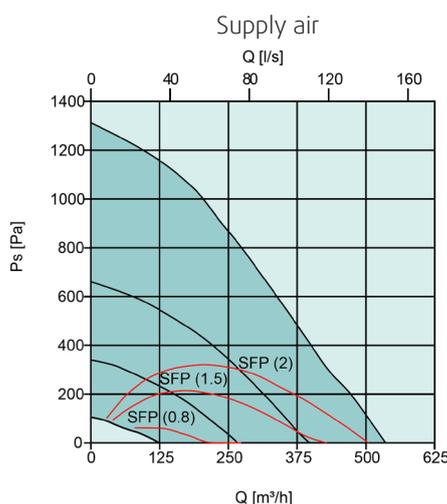
**SFP = Specific Fan Power (kW/m<sup>3</sup>/s)**

The SFP value stated applies to the complete unit.

LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	66	76	72	66	67	58	57	52	40
Extract air	57	68	60	62	54	46	40	27	21
Surrounding	44	53	52	47	43	32	31	24	20

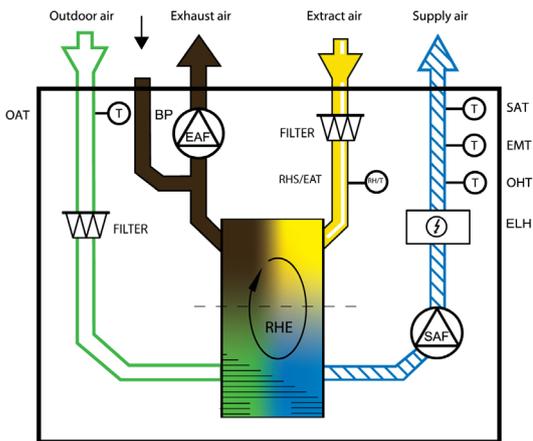
The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 98 l/s at 50 Pa).

## Performance data (Right unit)



## Scheme

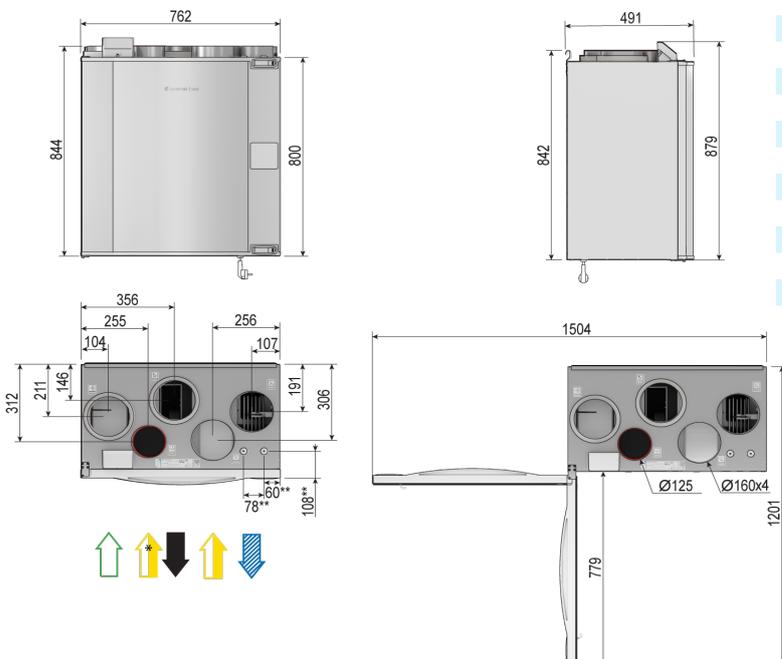
Right-hand version



SAF	Supply fan
EAF	Extract fan
FILTER	Extract/Supply filter
OAT	Outdoor air temp. sensor
SAT	Supply air temp. sensor
RHS/EAT	Relative humidity sensor/Extract air temp. sensor
ELH	Electric heater
OHT	Overheating thermostat
EMT	Emergency thermostat
BP	Bypass cooker hood
RHE	Rotating Heat Exchanger

## Dimensions

SAVE VTR 350/B Right-hand version



## Accessories

Accessories SAVE VTR 350/B		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit SAVE	-	140777
<b>Heating / Cooling</b>		
Water coil VTR 300/350	WH VTR 300/350/B	141700
Duct Water heating battery 2 Rows	VBC 160-2	5458
Duct Water heating battery 3 Rows	VBC 160-3	9840
Surface sensor NTC10K (-30-150C) 1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical Duct Heater	CB 160-1,2 230V/1	5291
Electrical Duct Heater	CB 160-2,1 230V/1	5292
Electrical Duct Heater	CB 160-2,7 230V/1	5382
CB heater connection kit	1-Phase kit	142852
Electrical Duct Heater	CB 160-5,0 400V/2	5383
Duct Cooler	CWK 160-3-2,5	30022
<b>Filters</b>		
PF VTR 300/350 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	246659
PF VTR 300/350 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	317696
<b>Other</b>		
Combi grille 160, White	CVVX 160, white	25396
Combi grille 160, Black	CVVX 160, black	25394
Fast clamp 160	FK 160	1610
Connection duct D 160/1,0 M/F	SCD Flexible Silencer	2558
Silencer	LDC 160-600	5192
Silencer	LDC 160-900	5193
Control damper	TUNE-R-160-3-M1	311939
Control damper (Spring)	TUNE-R-160-3-M4	311969
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-160-3-M2	311949
Control damper (Spring)	TUNE-R-160-3-M5	311979
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-160 C	6753
Pressure guard with pitot tube	DPR200T	212987
Duct cover	Duct cover VTR 300	113489
Cookerhood, White	MONOLIT - B White	326800
Cookerhood, Stainless	MONOLIT - B S.Steel	326801
Cookerhood Slimline, White	392-10/B Slimline White	490184

\* Cooker hood connection  
\*\* Water battery connections  
\*\*\* Drainage connection

# SAVE VSR 200/B



- High efficiency rotating heat exchanger with variable speed drive and high performance EC fans
- By-pass channel for connecting the kitchen hood
- Demand ventilation control is standard with the built in humidity sensor
- Built in electrical re-heater
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

SAVE VSR 200/B is a side connected unit with high efficiency stepless rotary heat exchanger with Cooker hood connection designed for installation in the ceiling in a home with a ventilated area of up to approx. 180 m<sup>2</sup>.

VSR 200/B is galvanized, double skinned, fully insulated and comes with complete control functionality. Access door is white painted. The unit accurately controls the speed of the heat exchanger after the need of heat/cooling recovery using the step less rotor motor.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



Download SAVE CONNECT app via Google Play or Apple store.

Technical data SAVE VSR 200/B		
Art. no.	Right/Left	488863/488864
Energy efficiency class		A
Standard unit		A
Standard unit with accessories*		A
Voltage/Frequency	V/50 Hz	240
Power rating per fan	W	30
at example duty point:		55 l/s at 50 Pa 199 m <sup>3</sup> /h at 50 Pa
SFP	kW/m <sup>3</sup> /s	1,09
Efficiency according EN 13141-7		83%
Fuse	A	10
Electrical re-heater power	W	1000
Input power, fan motor	W	2 x 81
Filter, supply air		
Pleat filter (PF)		F7/ePM1 60%
Filter, extract air		
Pleat filter (PF)		M5/ePM10 50%
Weight	kg	56

\* With Indoor Air Quality accessories

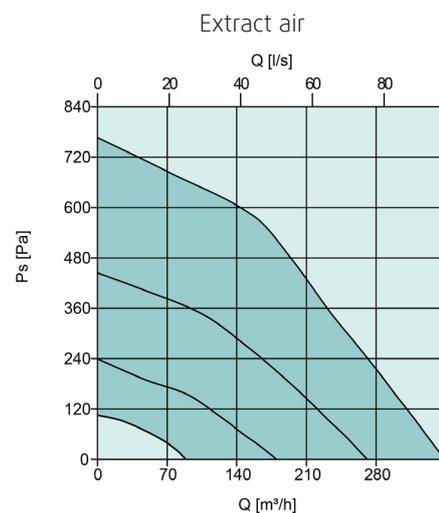
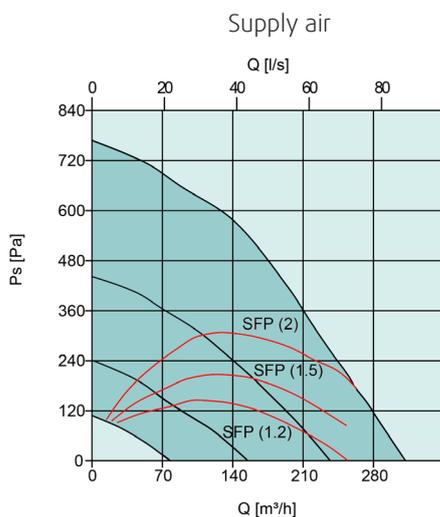
**SFP = Specific Fan Power (kW/m<sup>3</sup>/s)**

The SFP value stated applies to the complete unit.

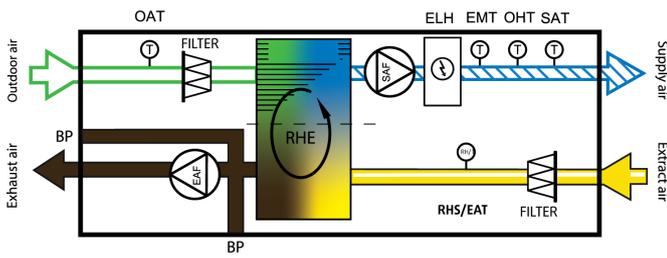
LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	62	81	68	63	60	52	50	41	29
Extract air	53	70	50	60	48	33	28	20	24
Surrounding	43	53	43	49	40	28	25	19	24

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 55 l/s at 50 Pa).

## Performance data



## Scheme

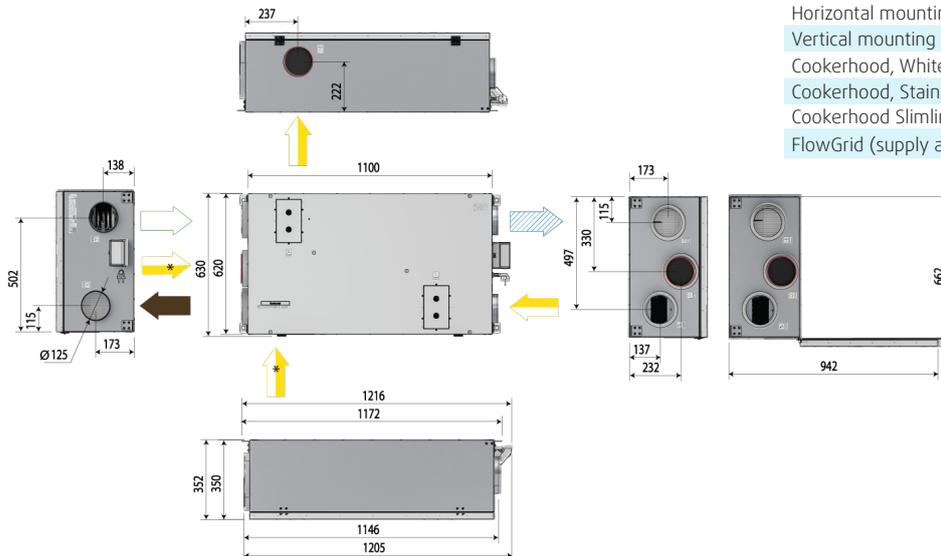


- SAF Supply fan
- EAF Extract fan
- FILTER Extract/Supply filter
- OAT Outdoor air temp. sensor
- SAT Supply air temp. sensor
- RHS/EAT Relative humidity sensor/Extract air temp. sensor
- ELH Electric heater
- OHT Overheating thermostat
- EMT Emergency thermostat
- BP Bypass cooker hood
- RHE Rotating Heat Exchanger

## Dimensions

### SAVE VSR 200/B

\* Cooker hood connection



## Accessories

Accessories SAVE VSR 200/B		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating / Cooling</b>		
Duct Water heating battery 2 Rows	VBC 125-2	5457
Duct Water heating battery 3 Rows	VBC 125-3	9839
Surface sensor NTC10K (-30-150C) 1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,4	9829
2-Way-Valve	ZTV 15-0,6	6571
3-Way-Valve	ZTR 15-0,4	9670
3-Way-Valve	ZTR 15-0,6	6573
Electrical Duct Heater	CB 125-0,6 230V/1	5289
Electrical Duct Heater	CB 125-1,2 230V/1	5290
Electrical Duct Heater	CB 125-1,8 230V/1	5377
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 125-3-2,5	30021
<b>Filters</b>		
PF VSR 200 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	331831
PF VSR 200 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	331832
<b>Other</b>		
Combi grille 125, White	CVVX 125, white	26422
Combi grille 125, Black	CVVX 125, black	26421
Fast clamp 125	FK 125	1608
Connection duct D125/1,0 M/F	SCD Flexible Silencer	2556
Silencer	LDC 125-600	5190
Silencer	LDC 125-900	5191
Control damper	TUNE-R-125-3-M1	311938
Control damper (Spring)	TUNE-R-125-3-M4	311968
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-125-3-M2	311948
Control damper (Spring)	TUNE-R-125-3-M5	311978
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-125 C	6751
Pressure guard with pitot tube	DPR200T	212987
Horizontal mounting kit VSR200	-	398258
Vertical mounting kit VSR200	-	398259
Cookerhood, White	MONOLIT - B White	326800
Cookerhood, Stainless	MONOLIT - B S.Steel	326801
Cookerhood Slimline, White	392-10/B Slimline White	77265
FlowGrid (supply and extract air fan)	FlowGrid 190 mm kit	151642

# SAVE VSR 400

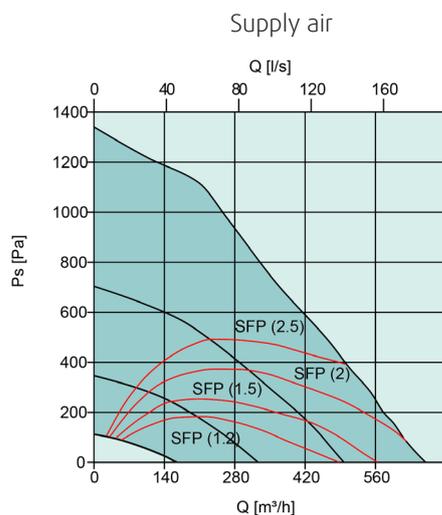


- High efficiency rotating heat exchanger with variable speed drive and high performance EC fans
- Inspection hatch on both sides
- Demand ventilation control is standard with the built in humidity sensor
- Built in electrical re-heater
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	68	83	69	69	68	58	59	56	48
Extract air	62	71	63	67	61	47	44	36	27
Surrounding	45	58	48	50	42	33	28	26	24

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 119 l/s at 50 Pa).

## Performance data



SAVE VSR 400 is a side connected unit with high efficiency stepless rotary heat exchanger. Designed for installation in the loft or in the ceiling in premises with a ventilated area of up to approx. 350 m².

VSR 400 is galvanized, double skinned, fully insulated and comes with complete control functionality. The unit accurately controls the speed of the heat exchanger after the need of heat/cooling recovery using the step less rotor motor.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



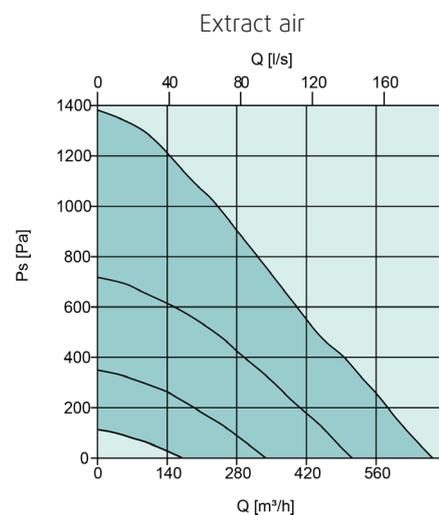
Download SAVE CONNECT app via Google Play or Apple store.

Technical data SAVE VSR 400	
Art. no.	488881
Energy efficiency class	A
Standard unit	A
Standard unit with accessories*	A
Voltage/Frequency	V/50 Hz 230
Power rating per fan	W 72
at example duty point:	119 l/s at 50 Pa 430 m³/h at 50 Pa
SFP	kW/m³/s 1,21
Efficiency according EN 13141-7	83%
Fuse	A 13
Electrical re-heater power	W 1670
Input power, fan motor	W 2 x 169
Filter, supply air	
Pleat filter (PF)	F7/ePM1 60%
Filter, extract air	
Pleat filter (PF)	M5/ePM10 50%
Weight	kg 80

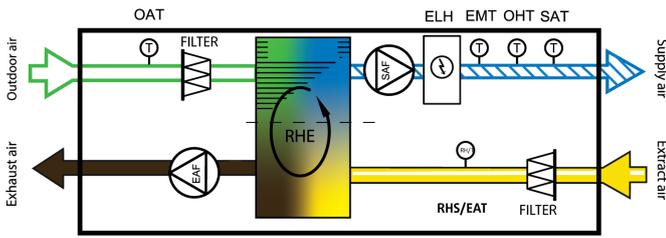
\* With Indoor Air Quality accessories

**SFP = Specific Fan Power (kW/m³/s)**

The SFP value stated applies to the complete unit.



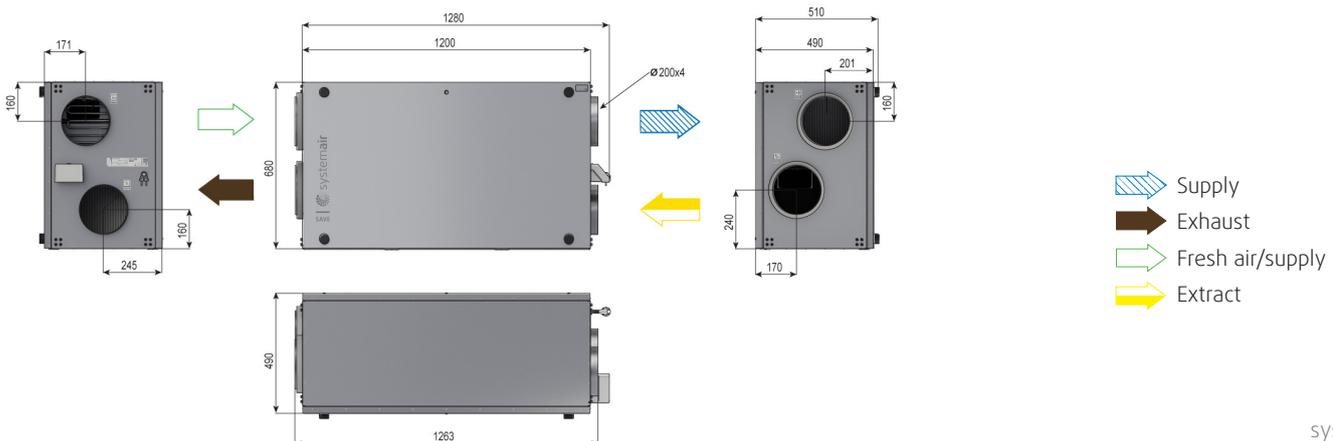
## Scheme



SAF	Supply fan
EAF	Extract fan
FILTER	Extract/Supply filter
OAT	Outdoor air temp. sensor
SAT	Supply air temp. sensor
RHS/EAT	Relative humidity sensor/Extract air temp. sensor
ELH	Electric heater
OHT	Overheating thermostat
EMT	Emergency thermostat
RHE	Rotating Heat Exchanger

## Dimensions

### SAVE VSR 400



## Accessories

Accessories SAVE VSR 400		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
<b>Heating / Cooling</b>		
Duct Water heating battery 2 Rows	VBC 200-2	5459
Duct Water heating battery 3 Rows	VBC 200-3	9841
Surface sensor NTC10K (-30-150C) 1,5 m	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-0,6	6571
2-Way-Valve	ZTV 15-1,0	9823
3-Way-Valve	ZTR 15-0,6	6573
3-Way-Valve	ZTR 15-1,0	9672
Electrical Duct Heater	CB 200-2,1 230V/1	5384
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 200-3-2,5	30023
<b>Filters</b>		
PF VSR 400 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	398188
PF VSR 400 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	398189
<b>Other</b>		
Combi grille 200, White	CVVX 200, white	25397
Combi grille 200, Black	CVVX 200, black	25395
Fast clamp 200	FK 200	1611
Connection duct D200/1,0 M/F	SCD Flexible Silencer	2560
Silencer	LDC 200-600	5194
Silencer	LDC 200-900	5195
Control damper	TUNE-R-200-3-M1	311940
Control damper (Spring)	TUNE-R-200-3-M4	311970
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-200-3-M2	311950
Control damper (Spring)	TUNE-R-200-3-M5	311980
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-200 C	6754
Pressure guard with pitot tube	DPR200T	212987
Ceiling mounting kit VSR 400	-	455699
Horizontal mounting kit VSR 400	-	455799
Vertical mounting kit VSR 400	-	455899

# SAVE VSR 700

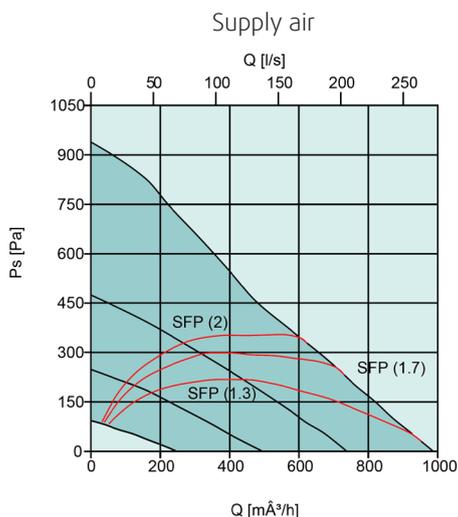


- High efficiency rotating heat exchanger with variable speed drive and high performance EC fans
- Inspection hatch on both sides
- Demand ventilation control is standard with the built in humidity sensor
- Built in electrical re-heater
- Selection of different control panels available:
  - SAVE TOUCH for full functionality
  - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard

LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	63	74	66	66	60	55	54	47	37
Extract air	58	65	61	67	51	43	36	26	24
Surrounding	44	55	49	52	38	31	26	21	22

The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 169 l/s at 50 Pa).

## Performance data



SAVE VSR 700 is a side connected unit with high efficiency stepless rotary heat exchanger. Designed for installation on the floor in premises with a ventilated area of up to approx. 500 m<sup>2</sup>.

VSR 700 is galvanized, double skinned, fully insulated and comes with complete control functionality. The unit accurately controls the speed of the heat exchanger after the need of heat/cooling recovery using the step less rotor motor.

SAVE CONNECT 2.0 is delivered as standard with all units for remote control via mobile APP.

SAVE PRO web application for own or client device remote monitoring, control and troubleshooting.



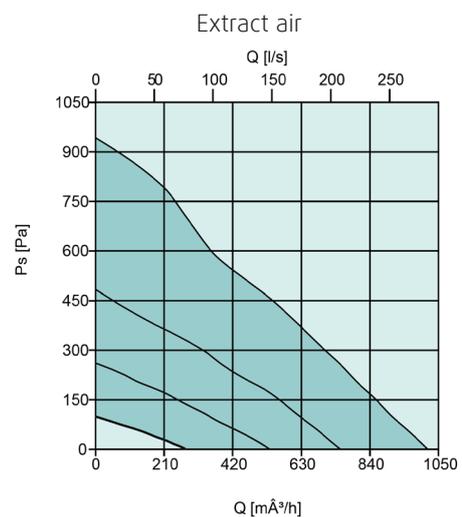
Download SAVE CONNECT app via Google Play or Apple store.

Technical data SAVE VSR 700	
Art. no.	488866
Energy efficiency class	A
Standard unit	A
Standard unit with accessories*	A+
Voltage/Frequency	V/50Hz 220-240
Power rating per fan	W 69
at example duty point:	169 l/s at 50 Pa 609 m <sup>3</sup> /h at 50 Pa
SFP	kW/m <sup>3</sup> /s 0,811
Efficiency according EN 13141-7	83%
Fuse	A 10
Electrical re-heater power	W 1630
Input power, fan motor	W 2 x 170
Filter, supply air	
Pleat filter (PF)	F7/ePM1 60%
Filter, extract air	
Pleat filter (PF)	M5/ePM10 50%
Weight	kg 120

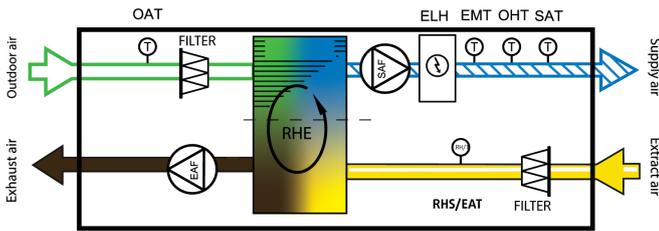
\* With Indoor Air Quality accessories

**SFP = Specific Fan Power (kW/m<sup>3</sup>/s)**

The SFP value stated applies to the complete unit.



## Scheme



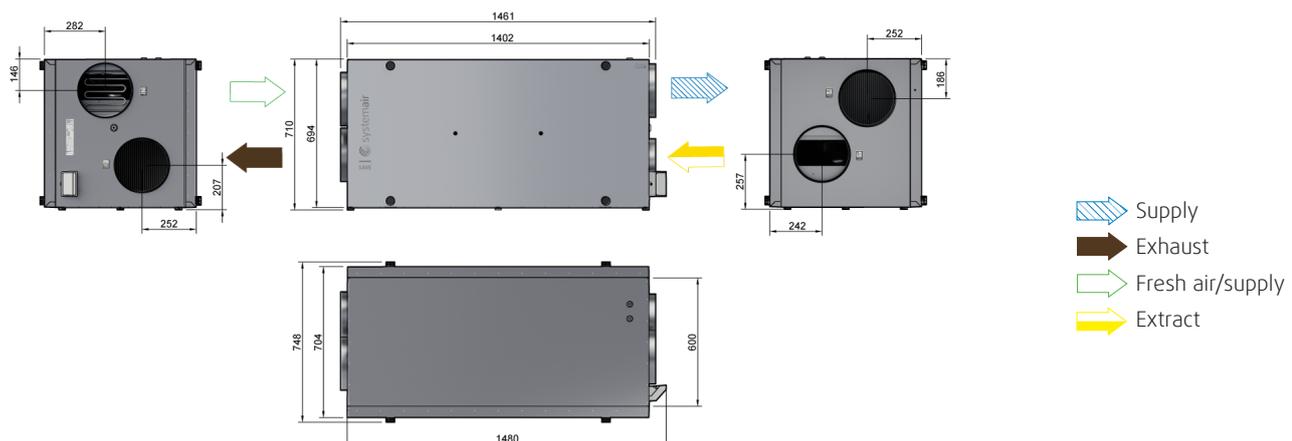
- SAF Supply fan
- EAF Extract fan
- FILTER Extract/Supply filter
- OAT Outdoor air temp. sensor
- SAT Supply air temp. sensor
- RHS/EAT Relative humidity sensor/Extract air temp. sensor
- ELH Electric heater
- OHT Overheating thermostat
- EMT Emergency thermostat
- RHE Rotating Heat Exchanger

## Accessories

Accessories SAVE VSR 700		Art. no.
<b>Controls</b>		
SAVE TOUCH White	Touch display white	138077
SAVE TOUCH Black	Touch display black	138078
SAVE LIGHT White	SAVE Light White	319118
SAVE LIGHT Black	SAVE Light Black	319119
SAVE Wall Mounted Kit	Control panel frame	140736
SAVE CONNECT 2.0	Internet Access Module (IAM)	399999
CEC Cable 12m	VK-12	24782
CEC Cable 6m	VK-6	24783
Diverting Plug	Diverting Plug	254978
<b>Indoor Air Quality Wired</b>		
Systemair-E CO2 sensor	T8100-E-SA-1000RTD	14904
Systemair-E CO2 + RH + Temperature	T8100-E-H-SA-10R	211522
Systemair-1 CO2 duct sensor	T8041	14906
Duct sensor NTC10K (-30-70C) 1,5 m	TG-K3/NTC10-01	211524
Room sensor NTC10K (0-50C)	TG-R5/NTC10-01	211525
Presence detector	-	6995
VAV/CAV conversion kit	-	140777
CAV kit	-	161100
<b>Heating / Cooling</b>		
Water coil VSR 700	WH VSR 700	462101
Duct Water heating battery 2 Rows	VBC 250-2	5460
Duct Water heating battery 3 Rows	VBC 250-3	9843
Surface sensor NTC10K (-30-150C)	TG-A1/NTC10-01	211523
Actuator 0-10V	RVAZ4 24A	9862
2-Way-Valve	ZTV 15-1,6	9824
3-Way-Valve	ZTR 15-1,6	9673
Electrical Duct Heater	CB 250-3,0 230V/1	5385
CB heater connection kit	1-Phase kit	142852
Electrical Duct Heater	CB 250-6,0 400V/2	5372
Electrical Duct Heater	CB 250-9,0 400V/3	5373
CB heater connection kit	2/3-Phase kit	151612
Duct Cooler	CWK 250-3-2,5	30024
<b>Filters</b>		
PF VSR 700 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	454339
PF VSR 700 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	454340
<b>Other</b>		
Combi grille 250, White	CVVX 250, white	146260
Combi grille 250, Black	CVVX 250, black	8498
Fast clamp 250	FK 250	1612
Connection duct D250/1,0 M/F	SCD Flexible Silencer	2561
Silencer	LDC 250-900	5196
Damper + Motor	EFD 250 + TF230	6748
Control damper	TUNE-R-250-3-M1	311941
Control damper (Spring)	TUNE-R-250-3-M4	311971
Relay mounting kit (no traf)	RMK	153549
Control damper	TUNE-R-250-3-M2	311951
Control damper (Spring)	TUNE-R-250-3-M5	311981
Relay mounting kit (with traf)	RMK-T	153548
Transformer 24V	PSS20 24V	202692
Iris Damper	SPI-250 C	6755
Pressure guard with pitot tube	DPR200T	212987

## Dimensions

### SAVE VSR 700



# 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!

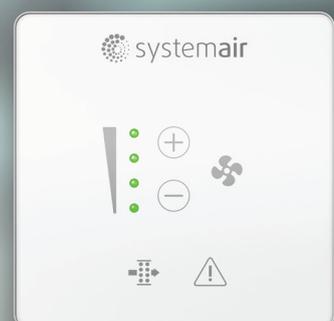
Internet connected SAVE devices can also be linked to SAVE PRO Cloud application. Systemair's offers convenience of remote and adaptable technical support, troubleshooting assistance, and the capability to monitor multiple devices—all seamlessly accessible through a unified interface.

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.



### 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.



### 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.



### Smart Home integrations

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

## CONTROL



### 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 2.0

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



### Standard Modbus RTU

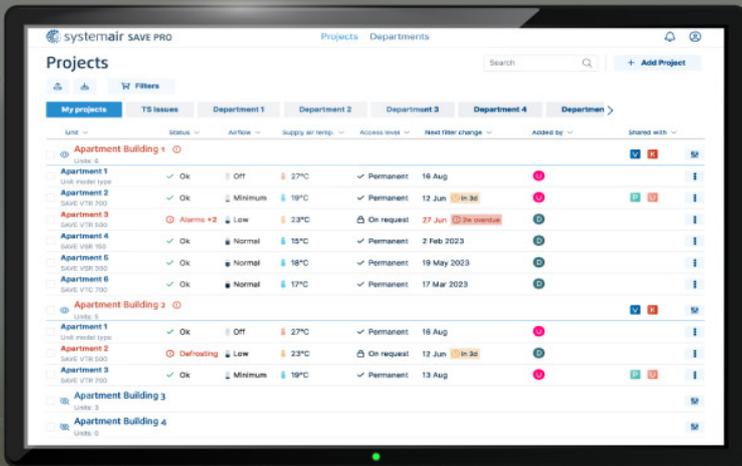
Freely configurable Modbus RTU over RS485 available for BMS integration.

### 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.

# SAVE PRO

for professional ventilation management



# 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.



## 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

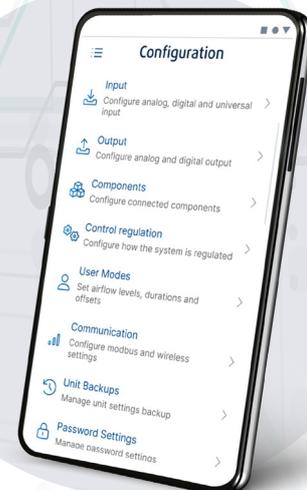
SAVE CONNECT 2.0 enables the user to control the device using the SAVE CONNECT mobile application, unlocking full device control, monitoring and configuration functionality!

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



## 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!



## 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.

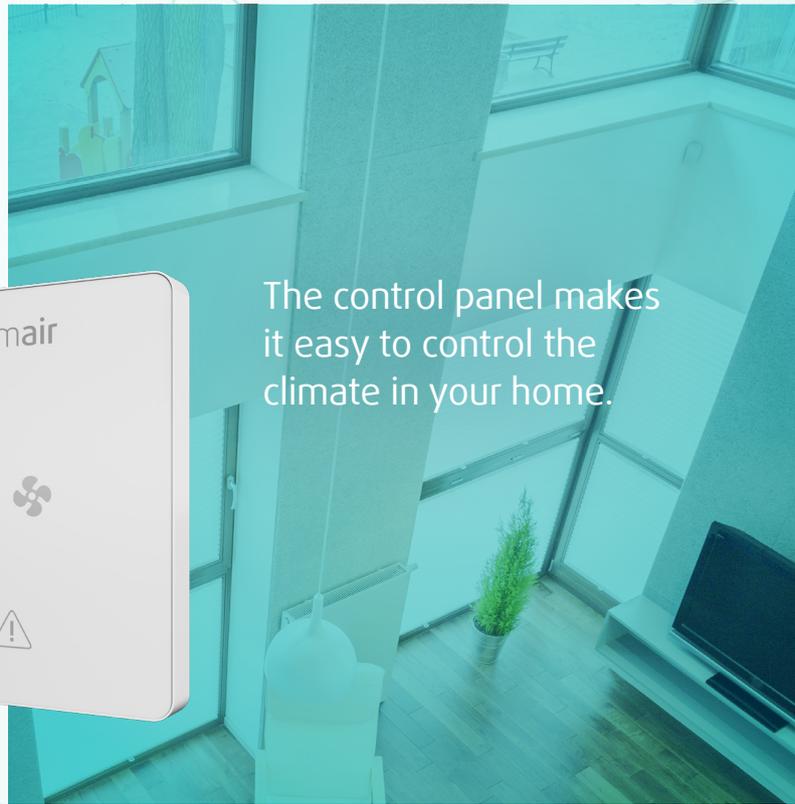


#### REFRESH MODE

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.

Systemair around the globe



3

Distribution Centers

50

Countries with Sales Subsidiaries

