

Home Solutions for Residential Ventilation

Product Range with Enthalpy Heat Exchangers



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 m².

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 ³ /h at 50 Pa		
SFP	kW/m ³ /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

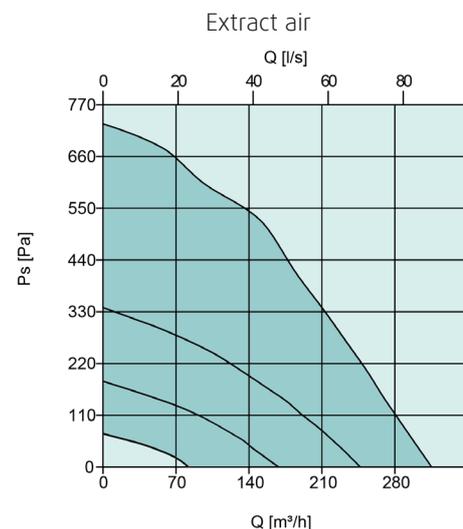
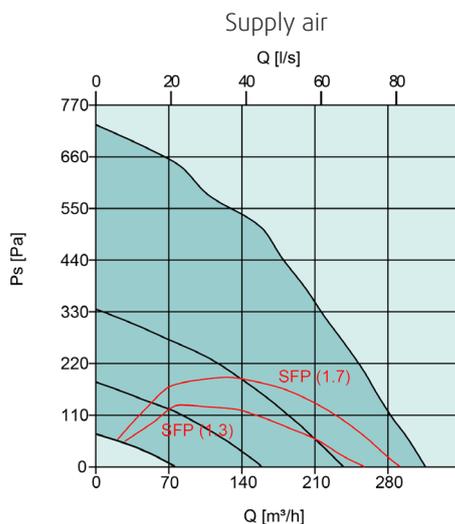
SFP = Specific Fan Power (kW/m³/s)

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

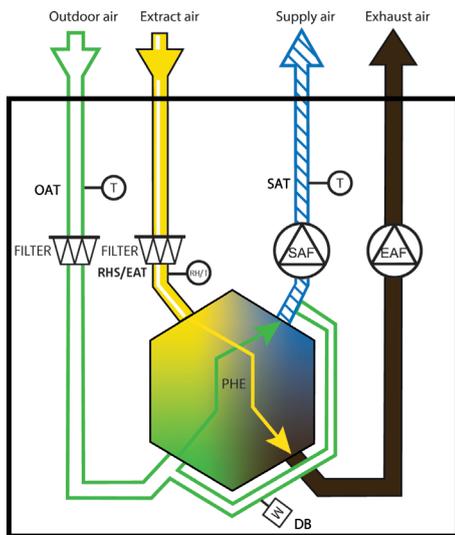
The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 56 l/s at 50 Pa).

Performance data (Right unit)



Scheme

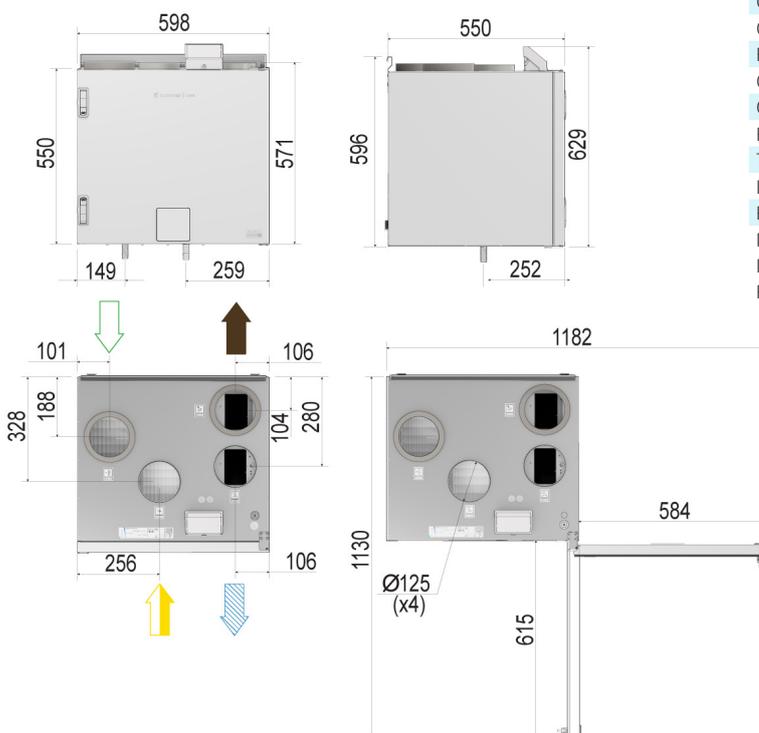
Right-hand version



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



Accessories

Accessories SAVE VTC 200-1 and SAVE VTC-E 200-1		Art. no.
Controls		
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
Indoor Air Quality Wired		
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
Heating/Cooling		
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
Filters		
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
Other		
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 VTC 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 < -5°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
- Built in electrical re-heater as accessory

SAVE VTC 300 (condensation) or SAVE VTC-E 300 (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. 240 m².

VTC 300 or VTC-E 300 is white painted, double skinned, fully insulated and comes with control panel with complete control functionality. The unit automatically regulate 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 VTC 300 and VTC-E 300			
Art. no. (condensation)	Right/Left	488840/488841	
Art. no. (enthalpy)	Right/Left	488905/488906	
Energy efficiency class		A	
Standard unit		A	
Standard unit with accessories*		A+	
Voltage/Frequency	V/50 Hz	230	
Power rating per fan	W	32	
at example duty point:		71 l/s at 50 Pa 255m ³ /h at 50 Pa	
SFP	kw/m ³ /s	0,9	
Efficiency according EN 13141-7		86%	83% (E)**
Fuse	A	10	
Input power, fan motor	W	2 x 85	
Filter, supply air		F7/ePM1 60%	
Pleat filter (PF)		M5/ePM10 50%	
Filter, extract air		F7/ePM1 60%	
Pleat filter (PF)		M5/ePM10 50%	
Weight	kg	72	

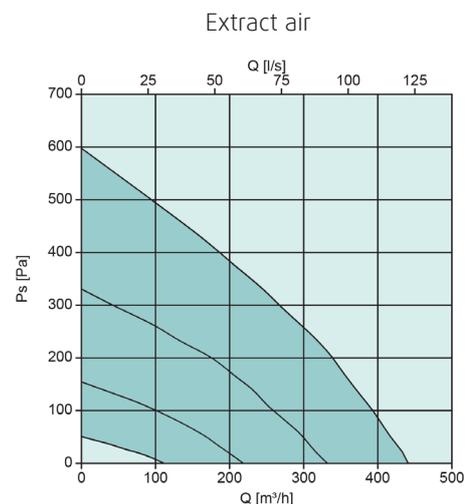
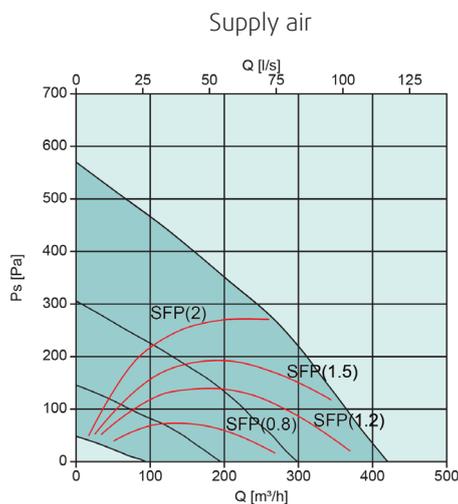
* With Indoor Air Quality accessories
** (E) - Enthalpy version

SFP = Specific Fan Power (kw/m³/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	61	70	65	61	56	52	56	49	44
Extract air	48	66	55	51	43	40	36	25	25
Surrounding	40	43	41	42	33	31	32	33	28

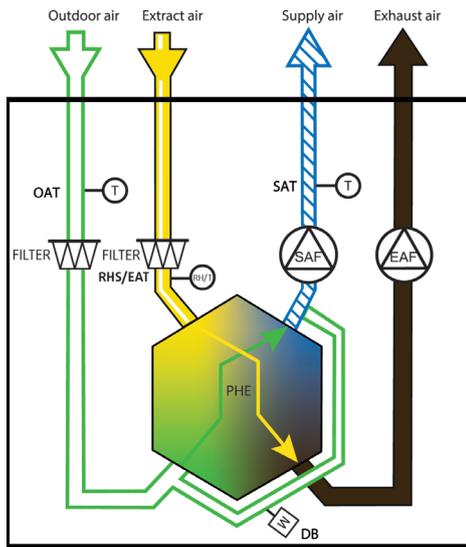
The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point - 71 l/s at 50 Pa).

Performance data (Right unit)



Scheme

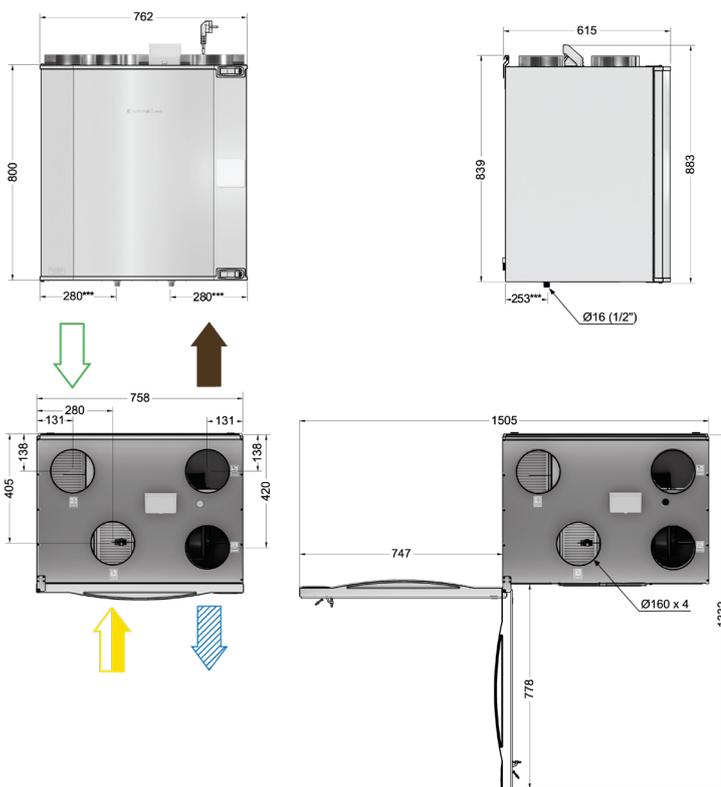
Right-hand version



- 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 300 Right-hand version



Accessories

Accessories SAVE VTC 300 and SAVE VTC-E 300		Art. no.
Controls		
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
Indoor Air Quality Wired		
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
Heating / Cooling		
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
El. Reheater VTC 300 R	ELH VTC 300 R	138107
El. Reheater VTC 300 L	ELH VTC 300 L	139312
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 200V/1	5382
CB heater connection kit	1-Phase kit	142852
Duct Cooler	CWK 160-3-2,5	30022
Filters		
PF VTC 300 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	317699
PF VTC 300 OPT kit 1	F8/ePM1 70% Supply M5/ePM10 50% Extract	317700
BF VTC 300 OPT kit 2	F7/ePM1 60% Supply M5/ePM10 50% Extract	317701
Other		
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

- Supply
- Exhaust
- Fresh air/supply
- Extract

*** Drainage connection

SAVE VTC 500

Condensation and enthalpy model

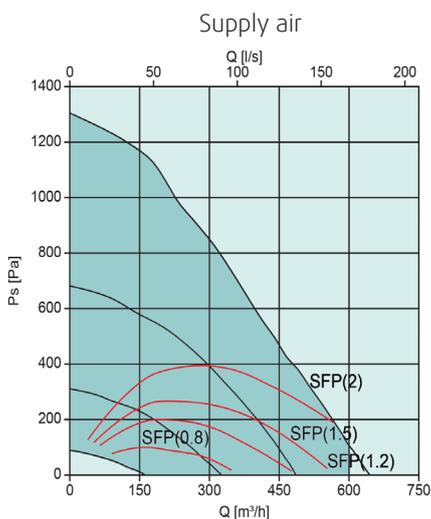


- High efficiency condensation and enthalpy heat exchanger with high performance EC fans
- Demand ventilation control is standard with the built in humidity sensor
- Automatic defrosting
- Preheater needed for outdoor temperature < -5°C-10°C (E)
- Selection of different control panels available:
 - SAVE TOUCH for full functionality
 - SAVE LIGHT for basic functionality
- Connection board for easy access
- Modbus communication RS-485 as standard
- Built in electrical re-heater as accessory

LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	68	74	71	70	66	61	57	51	40
Extract air	53	70	61	56	51	46	40	28	21
Surrounding	44	49	48	49	41	35	32	25	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 - 117 l/s at 50 Pa).

Performance data (Right unit)



SAVE VTC 500 (condensation) or SAVE VTC-E 500 (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. 400 m².

VTC 500 or VTC 500-E is white painted, double skinned, fully insulated and comes with control panel with complete control functionality. The unit automatically regulate 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.

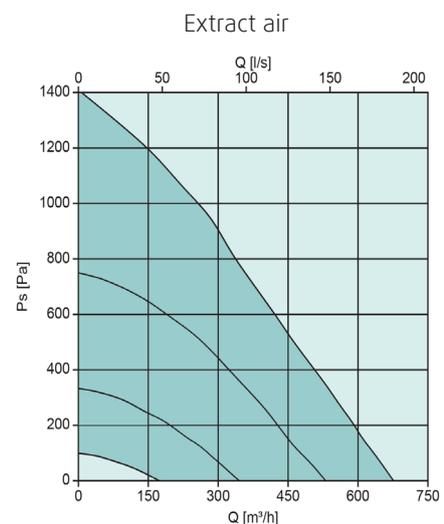
Technical data SAVE VTC 500 and VTC-E 500			
Art. no. (condensation)	Right/Left	488842/488843	
Art. no. (enthalpy)	Right/Left	488907/488908	
Energy efficiency class		A	
Standard unit		A	
Standard unit with accessories*		A	
Voltage/Frequency	V/50 Hz	230	
Power rating per fan	W	67	
at example duty point:		117 l/s at 50 Pa	
		421 m ³ /h at 50 Pa	
SFP	kW/m ³ /s	1,15	
Efficiency according EN 13141-7		84%	81% (E)**
Fuse	A	10	
Input power, fan motor	W	2 x 85	
Filter, supply air		F7/ePM1 60%	
Pleat filter (PF)		M5/ePM10 50%	
Weight	kg	80	

* With Indoor Air Quality accessories

** (E) - Enthalpy version

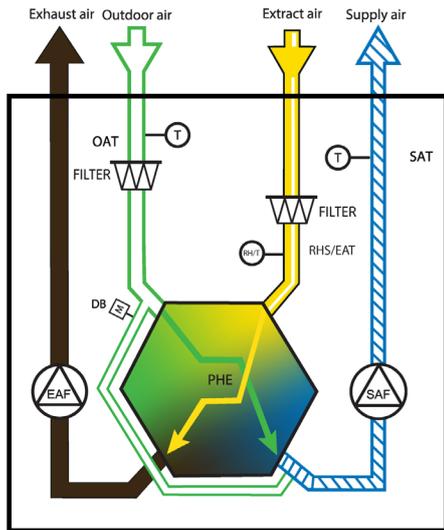
SFP = Specific Fan Power (kW/m³/s)

The SFP value stated applies to the complete unit.



Scheme

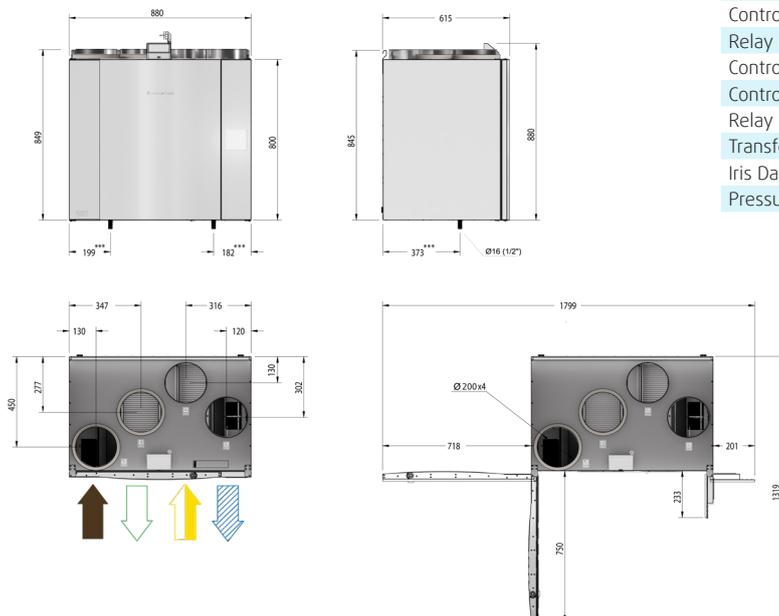
Right-hand version



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
DB	Bypass damper drive
PHE	Plate Heat Exchanger

Dimensions

SAVE VTC 500 Right-hand version



Accessories

Accessories SAVE VTC 500 and SAVE VTC-E 500		Art. no.
Controls		
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
Indoor Air Quality Wired		
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
Heating / Cooling		
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
El. Reheater VTC 500 R	ELH VTC 500 R 1,67kW	158105
El. Reheater VTC 500 L	ELH VTC 500 L 1,67kW	158109
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
Filters		
PF VTC 500 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	161251
PF VTC 500 OPT kit	F8/ePM1 70% Supply M5/ePM10 50% Extract	161252
Other		
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



*** Drainage connection

SAVE VTC 700

Condensation and enthalpy model



SAVE VTC 700 (condensation) or SAVE VTC-E 700 (enthalpy) is a top connected high efficiency counter flow unit designed for installation on the floor in premises with a ventilated area of up to approx. 550 m².

VTC 700 or VTC-E 700 is white painted, double skinned, fully insulated and comes with control panel 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 < -5°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
- Built in electrical re-heater as accessory

Technical data SAVE VTC 700 and VTC-E 700

Art. no. (condensation)	Right/Left	488840/488841
Art. no. (enthalpy)	Right/Left	488913/488914
Energy efficiency class		A
Standard unit		A+
Standard unit with accessories*		A+
Voltage/Frequency	V/50 Hz	230
Power rating per fan	W	64
at example duty point:		166 l/s at 50 Pa 599 m ³ /h at 50 Pa
SFP	kW/m ³ /s	0,77
Efficiency according EN 13141-7		87% 79% (E)**
Fuse	A	10
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	151

* With Indoor Air Quality accessories

** (E) - Enthalpy version

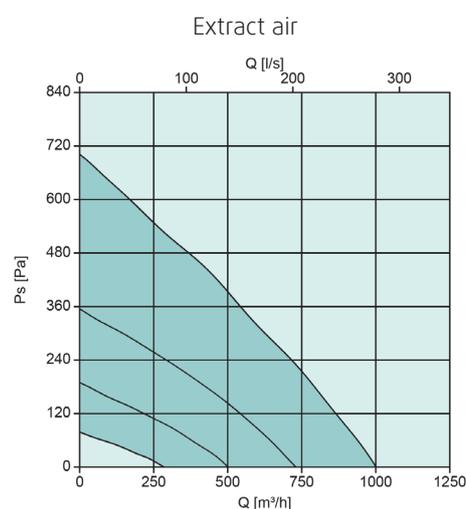
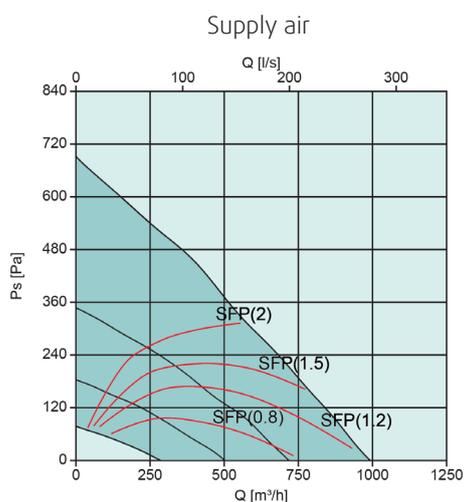
SFP = Specific Fan Power (kW/m³/s)

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	64	64	57	59	55	59	59	48	40
Extract air	48	52	49	48	43	45	38	24	25
Surrounding	41	49	46	47	36	35	32	24	26

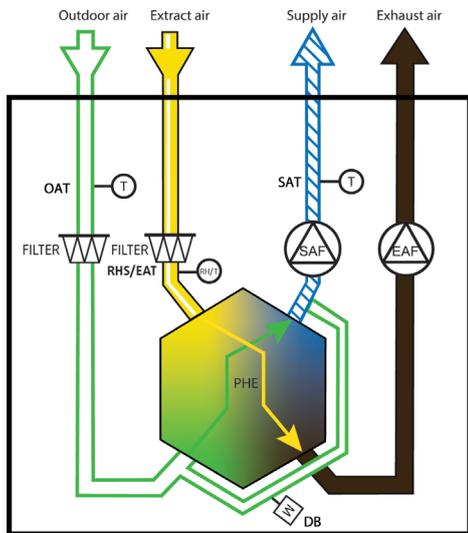
The sound data table indicates the sound power level LwA, which should not be confused with the sound pressure level LpA (based on the operation point 166 l/s at 50 Pa).

Performance data (Right unit)



Scheme

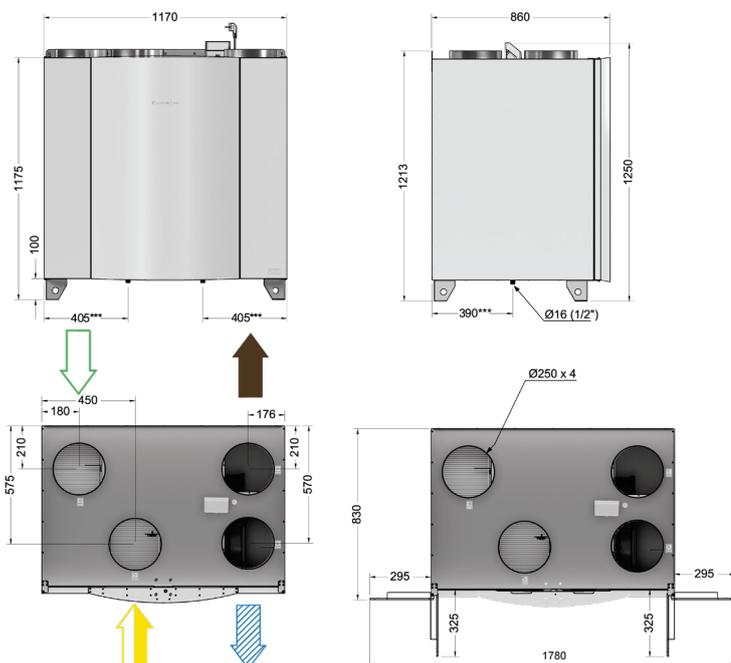
Right-hand version



- 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 700 Right-hand version



Accessories

Accessories SAVE VTC 700 and VTC-E 700		Art. no.
Controls		
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
Indoor Air Quality Wired		
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
Heating / Cooling		
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) 1,5 m	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
El. Reheater VTC 700 R	ELH VTC 700 R	138200
El. Reheater VTC 700 L	ELH VTC 700 L	137746
Electrical Duct Heater	CB 250-3,0 230V/1	5385
Electrical Duct Heater	CB 250-6,0 400V/2	5372
Electrical Duct Heater	CB 250-9,0 400V/3	5373
CB heater connection kit	1-Phase kit	142852
CB heater connection kit	2/3-Phase kit	151612
Duct Cooler	CWK 250-3-2.5	30024
Filters		
PF VTR/VTC 700 STD kit	F7/ePM1 60% Supply M5/ePM10 50% Extract	145849
PF VTR/VTC 700 OPT kit 1	F8/ePM1 70% Supply M5/ePM10 50% Extract	145924
BF VTC 700 OPT kit 2	F7/ePM1 60% Supply M5/ePM10 50% Extract	317703
Other		
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
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

SAVE VSC 100

Condensation and enthalpy model



SAVE VSC 100 (condensation) or 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 m².

VSC 100 or 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 ³ /h at 50 Pa	
SFP	kW/m ³ /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%	
Filter, extract air	M5/ePM10 50%	
Pleat filter (PF)	M5/ePM10 50%	
Weight	kg	47 48 (E)**

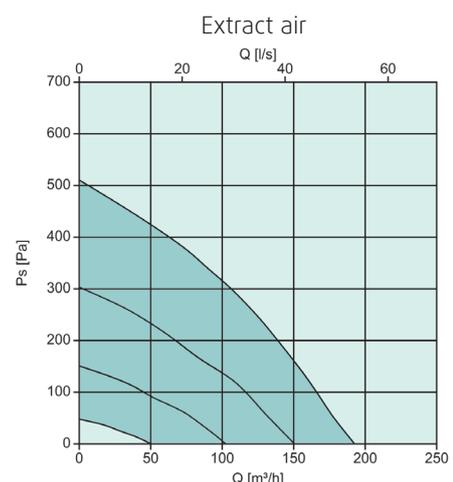
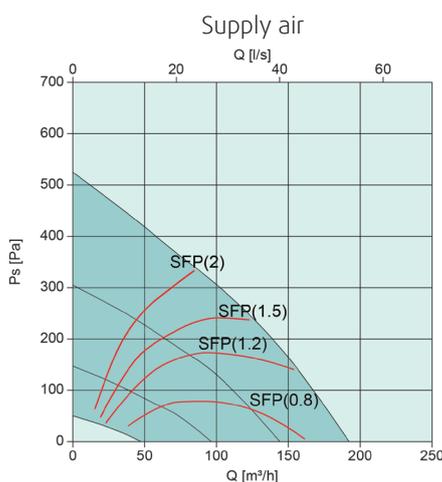
* With Indoor Air Quality accessories
** (E) - Enthalpy version

SFP = Specific Fan Power (kW/m³/s)

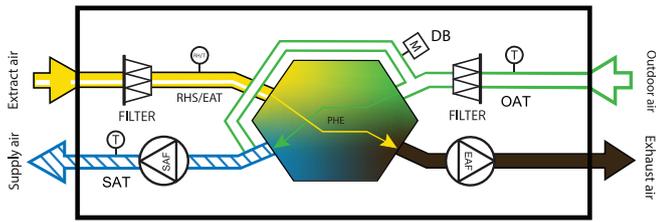
LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	61	71	64	62	59	55	49	44	28
Extract air	42	62	46	47	38	28	16	16	21
Surrounding	36	43	42	42	33	21	16	17	21

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)



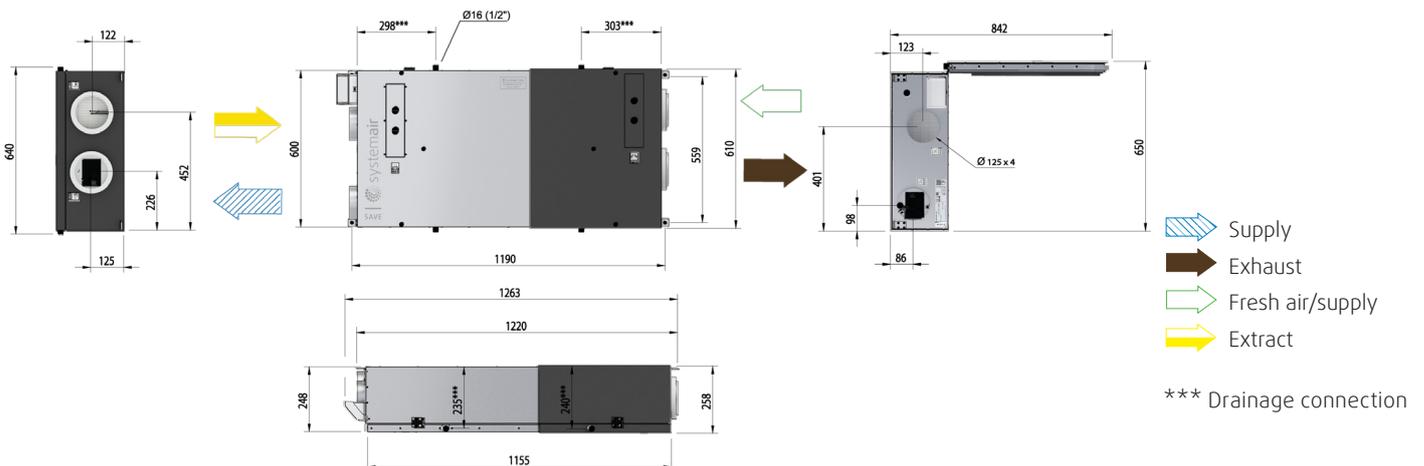
Scheme



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.
Controls		
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
Indoor Air Quality Wired		
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
Heating / Cooling		
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
Filters		
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
Other		
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°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 200 (condensation) or 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 m².

VSC 200 or 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.



Download SAVE CONNECT app via Google Play or Apple store.

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 ³ /h at 50 Pa		
SFP	kW/m ³ /s	1.15	
Efficiency according EN 13141-7		89%	83% (E)**
Fuse	A	10	
Input power, fan motor	W	2 x 81	
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	

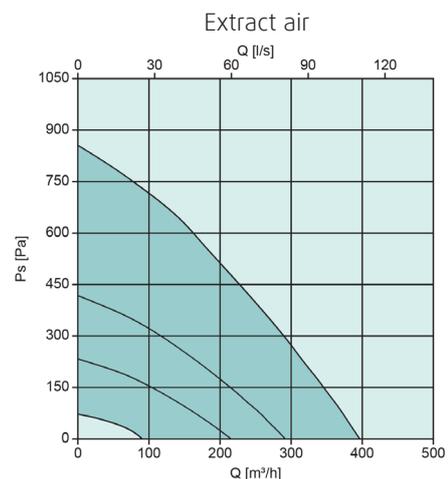
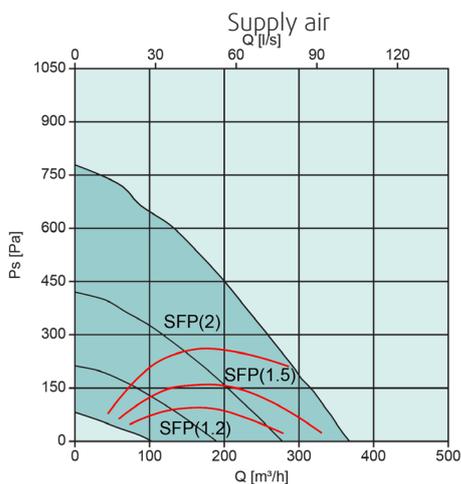
* With Indoor Air Quality accessories
 ** (E) - Enthalpy version

SFP = Specific Fan Power (kW/m³/s)

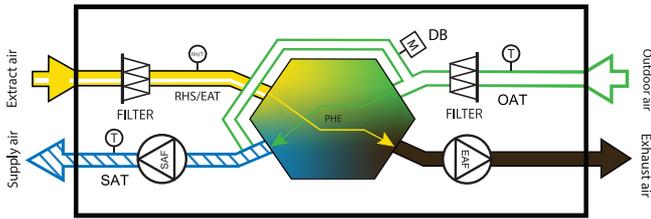
LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	62	74	66	65	60	54	52	44	33
Extract air	56	74	52	63	44	27	21	18	24
Surrounding	45	50	41	52	37	24	19	19	24

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)



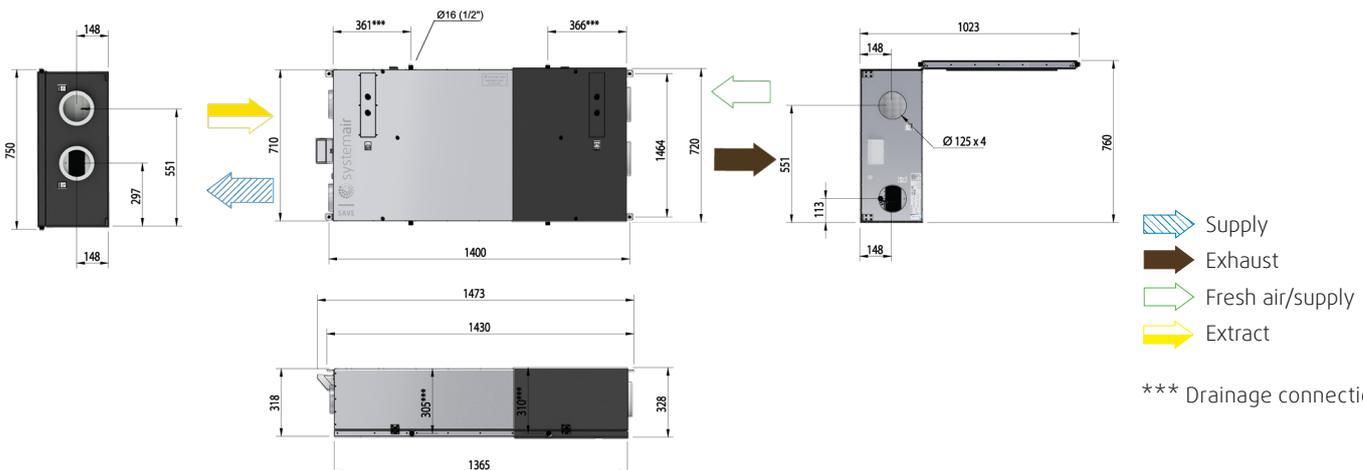
Scheme



- 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.
Controls		
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
Indoor Air Quality Wired		
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
Heating / Cooling		
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
Filters		
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
Other		
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) or 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 m².

VSC 300 or 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	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 ³ /h at 50 Pa		
SFP	kW/m ³ /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	Pleat filter (PF)		
	F7/ePM1 60%		
Filter, extract air	Pleat filter (PF)		
	M5/ePM10 50%		
Weight	kg	80	81 (E)**

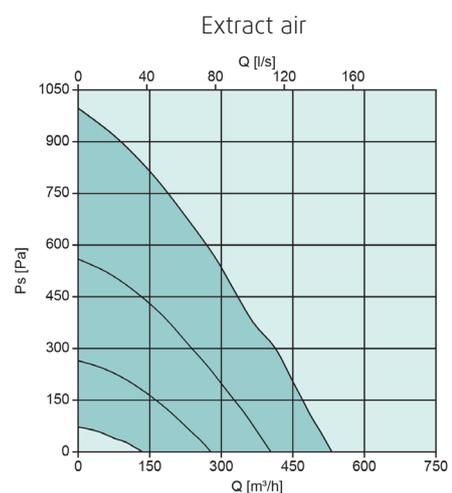
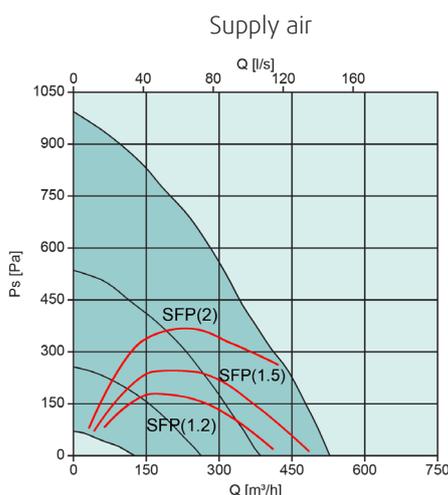
* With Indoor Air Quality accessories
 ** (E) - Enthalpy version

SFP = Specific Fan Power (kW/m³/s)

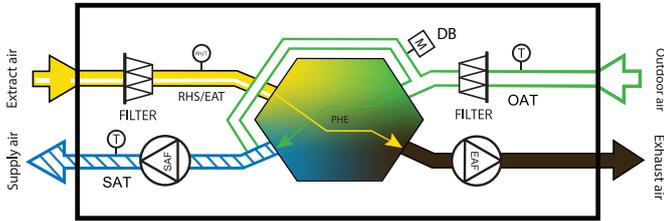
LwA dB(A)	Mid-frequency band, Hz								
	Tot	63	125	250	500	1k	2k	4k	8k
Supply air	70	76	72	76	65	59	59	52	40
Extract air	46	71	50	51	40	30	28	20	24
Surrounding	46	52	49	53	36	26	25	21	24

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)



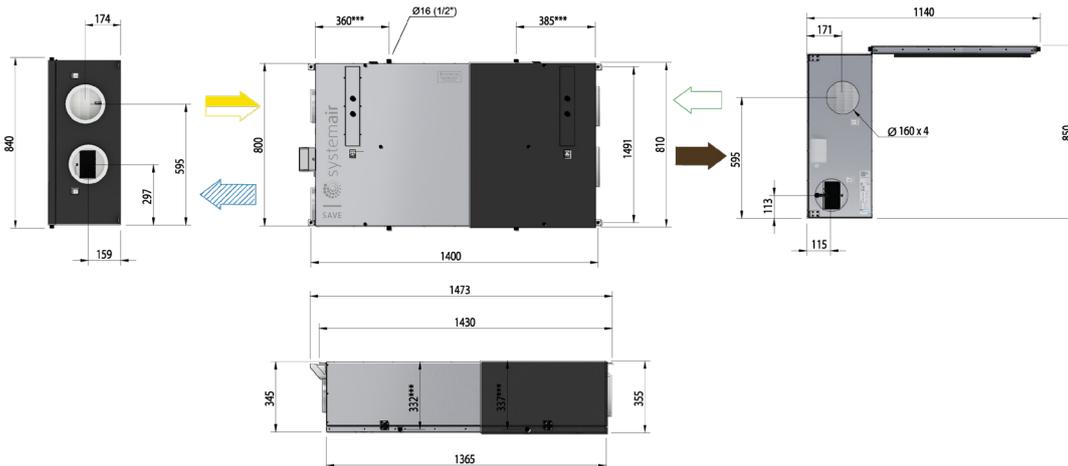
Scheme



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



Accessories

Accessories SAVE VSC 300 and VSC-E 300		Art. no.
Controls		
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
Indoor Air Quality Wired		
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
Heating / Cooling		
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
Filters		
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
Other		
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

Systemair around the globe



3

Distribution Centers

50

Countries with Sales Subsidiaries

