

SAVE Air Handling Units

Crisp, fresh, and clean air for every home.

[Find more details in our online catalogue.](#)



Unlock even greater efficiency

SAVE AHUs come with different heating and cooling recovery methods. Allowing you to further boost the energy efficiency of your units, wherever they're installed.

Performance you can rely on

Our heat exchanger systems automatically regulates the heat/cool recovery and has automatic defrosting functions. Your SAVE AHUs will keep you comfortable inside, no matter the weather on the outside.

For buildings big and small

Whether you're building a new home or renovating an apartment block, SAVE air handling units are a perfect match for any indoor spaces up to 550m².

Health and safety first

SAVE air handling units are Eurovent certified and ErP compliant, easy to service and maintain. So you can relax – knowing the air you breathe is clean and pure.

Full control, from anywhere

All SAVE units come with SAVE Control – multiple, easy-to-use interfaces that let you communicate with your AHUs wherever you are.

Certifications



Technical parameters

Unit	
Frequency	50; 60 Hz
Voltage (nominal)	230 V
Phases	1~
Recommended fuse	10 A
Enclosure class	IP24
Speed regulation	Stepless
Product type	Heat recovery unit
Temperature	-20 to 40 °C
Preheater / Reheater	
Input power, reheater	1.67 kW
Supply fan	
Input power (P1), supply fan	81 W
Supply air filter	
Filter class, supply air	ePM1 60%
Extract air filter	
Filter class, extract air	ePM10 50%
Exchanger	
Heat exchanger rotor drive type	Variable speed
Heat exchanger	Rotating
Return fan / Extract fan	
Input power (P1), extract fan	83 W
Others	
Fan control	Stepless voltage control
Installation type	Horizontal
Supply side	Left; Right
Color casing	
Color casing	Galvanized steel

Dimensions and weights

Weight	65 kg
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ERP

Energy class, Basic unit	A
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Energy class, Local demand	A
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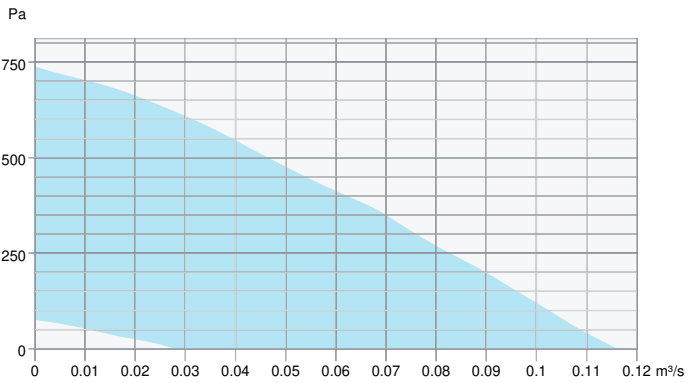
ErP ready	ErP 2018; ErP 2016
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Performance

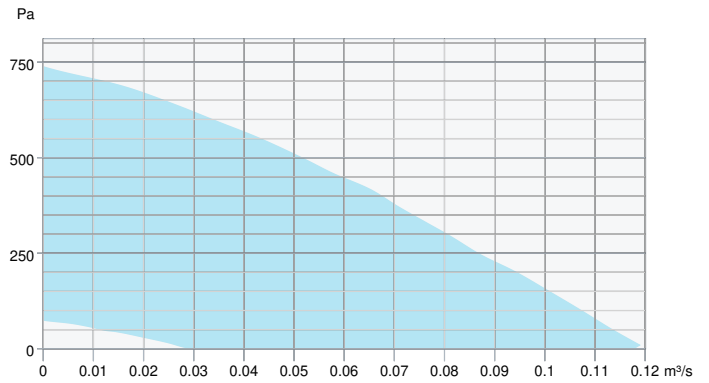
⚠ Recommended low airflow is outside valid range

⚠ Recommended high airflow is outside valid range

Supply - Performance curve



Extract - Performance curve



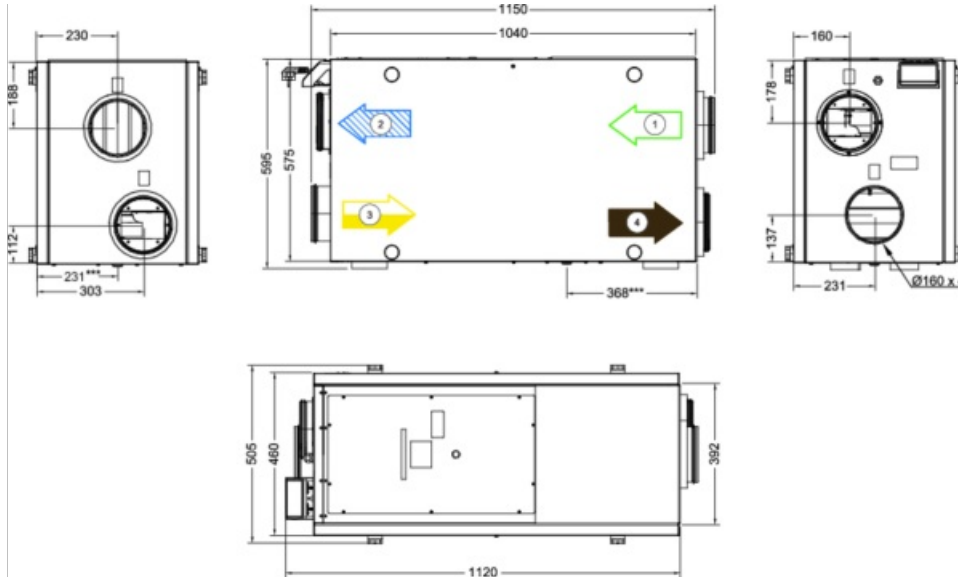
Unit	Supply	Extract				
Air density	1.204 kg/m ³					
Supply air temperature	<table border="1"> <thead> <tr> <th>Summer</th> <th>Winter</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-20.0 °C</td> </tr> </tbody> </table>		Summer	Winter	-	-20.0 °C
Summer	Winter					
-	-20.0 °C					
Sound pressure level (reverberant field)	Total					

Ecodesign

Product		
Trade name	Systemair	
Product name	SAVE VSR 300	
Basic unit		
ErP compliance	2018	
SEC Average	-37.4	kWh/(m ² .a)
SEC Cold	-80.4	kWh/(m ² .a)
SEC Warm	-12.8	kWh/(m ² .a)
SEC Class	A	
Unit category	RVU	
Unit type	BVU	
Drive	Integrated VSD	
Heat recovery type	Regenerative	
Temperature ratio	85	%
qv max	367	m ³ /h
P max	176	W
Sound power (LWA)	42	dB(A)
qv ref	0.071	m ³ /s
Ps ref	50	Pa
SPI	0.334	W/(m ³ /h)
CTRL	0.85	
MISC	1.1	
x-value	2	
External Leakage	3	%
Internal Leakage	Not applicable	
Carry over	4	%
Type of product	RAHU/AARE	
AEC average	303	kWh/a
AEC cold	303	kWh/a
AEC warm	303	kWh/a
AHS Average	4,494	kWh/a
AHS Cold	8,792	kWh/a
AHS Warm	2,032	kWh/a

Units with local demand control		
ErP compliance	2018	
SEC Average	-41.5	kWh/(m ² .a)
SEC Cold	-85.4	kWh/(m ² .a)
SEC Warm	-16.3	kWh/(m ² .a)
SEC Class	A	
Unit category	RVU	
Unit type	BVU	
Drive	Integrated VSD	
Heat recovery type	Regenerative	
Temperature ratio	85	%
qv max	367	m ³ /h
P max	176	W
Sound power (LWA)	42	dB(A)
qv ref	0.071	m ³ /s
Ps ref	50	Pa
SPI	0.334	W/(m ³ /h)
CTRL	0.65	
MISC	1.1	
x-value	2	
External Leakage	3	%
Internal Leakage	Not applicable	
Carry over	4	%
Type of product	RAHU/AARE	
AEC average	177	kWh/a
AEC cold	177	kWh/a
AEC warm	177	kWh/a
AHS Average	4,590	kWh/a
AHS Cold	8,979	kWh/a
AHS Warm	2,075	kWh/a

Dimension



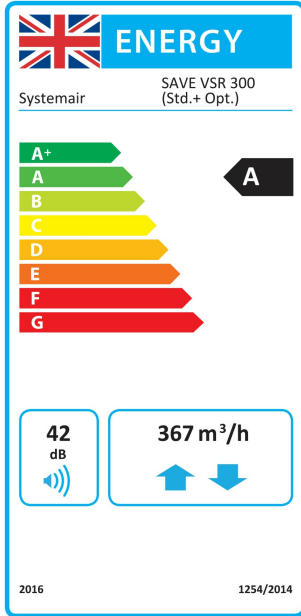
*** Drainage connection

No. Connection

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

Energy class label

Energy class, Basic unit



Accessories

- PF VSR 300 STD kit (25211)
- SAVE LIGHT Black (319119)
- SAVE TOUCH Black (138078)
- CB heater connection kit 1 ~ (142852)
- Presence detector/IR24-P (6995)
- PSS20 Transformer 24V (202692)
- RMK-T (153548)
- Systemair-E CO2 RH Temperature (211522)
- VAV/CAV conversion kit (140777)
- CB 160-2,1 230V/1 Duct heater (5292)
- CEC Cable w/plug 12m (24782)
- CEC Cable w/plug 6m (24783)
- Duct sensor -30-70C (211524)
- LDC 160-600 Silencer (5192)
- Surface sensor -30-150C (211523)
- VBC 160-3 Water heating batt (9840)
- CVVX 160 Combi grille, white (25396)
- RVAZ4 24A Actuator 0-10V (9862)
- SPI-160 C Iris damper (6753)
- TUNE-R-160-3-M2 (311949)
- TUNE-R-160-3-M5 (311979)
- ZTR 15-0,4 valve 3-way (9670)
- ZTV 15-0,4 2-way valve (9829)
- SAVE CONNECT 2.0 (399999)
- SAVE LIGHT White (319118)
- SAVE TOUCH White (138077)
- Ceiling mounting kit VSR 300 (131610)
- Pressure guard with pitot tube (212987)
- RMK (153549)
- SAVE Wall Mounted Kit (140736)
- Systemair-E CO2 sensor (14904)
- CB 160-1,2 230V/1 Duct heater (5291)
- CB 160-2,7 230V/1 Duct heater (5382)
- CEC Cable w/plug 15m (306594)
- CWK 160-3-2,5 Duct cooler,circ (30022)
- FK 160 Fast clamp (1610)
- LDC 160-900 Silencer (5193)
- VBC 160-2 Water heating batt (5458)
- CVVX 160 Combi grille, black (25394)
- Room sensor 0-50C (211525)
- SCD 160 silencer 25mm insulat. (2558)
- TUNE-R-160-3-M1 (311939)
- TUNE-R-160-3-M4 (311969)
- USB-Nano-485 (282047)
- ZTR 15-0,6 valve 3-way (6573)
- ZTV 15-0,6 2-way valve (6571)

Documents

- Control panel installation quick guide
- Disassembly guide
- Energy label placement quick guide
- Installation manual
- Installation manual SAVE CONNECT 2.0
- Modbus variable list
- Service and Accessories installation manual
- Systemair_SAVE_VSR_300_disassembly_EN_SE_DE_NO_FI_20181207.pdf
- User manual
- Certificate Passive House Institute - SAVE VSR 300
- Eurovent Certification Diploma
- Commissioning record
- Technical fiche
- Schematic layout and description of components
- UK Declaration of Conformity
- Electrical diagrams for accessories
- Wiring diagram