



## 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 550m<sup>2</sup>.

### 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.

#### Get In Touch

Call: 0845 6880112  
Email: [info@adremit.co.uk](mailto:info@adremit.co.uk)

#### Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard, Settle, North Yorkshire, BD24 9RH



## Certifications



**Passive House Institute Certified Component**



**Eurovent Certified Performance**

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## Technical parameters

Unit	
Frequency	50; 60 Hz
Voltage (nominal)	230 V
Phases	1~
Recommended fuse	13 A
Enclosure class	IP24
Speed regulation	Stepless
Product type	Heat recovery unit
Temperature	-20 to 40 °C
Supply fan	
Input power (P1), supply fan	170 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	170 W
Others	
Fan control	Stepless voltage control
Installation type	Vertical
Supply side	Left
Color casing	
Color casing	White
Color casing, RAL	RAL 9010
Dimensions and weights	
Weight	188 kg

Article name: SAVE VTR 700 L | Product link: <https://shop.systemair.com/en-GB/productPermalink?p=609941> | Item Number: 488835 | Variant: Pleated Filters Standard kit | Document type: Product card | Created at: 04.11.2024 | Generated by: Systemair Online Catalogue | Language: English

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

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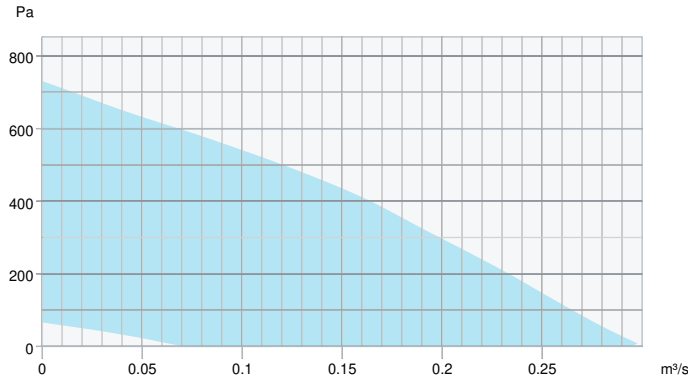


## Performance

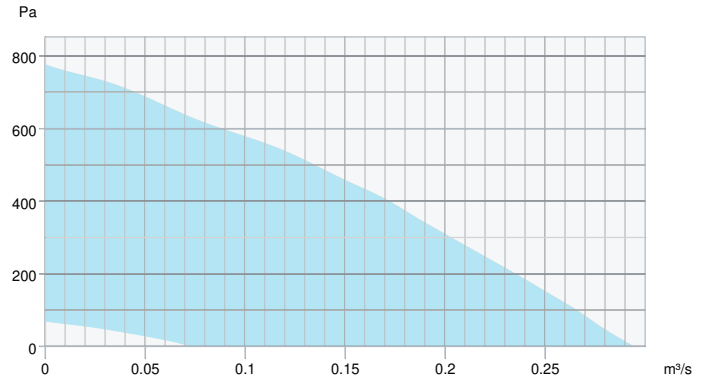
Recommended low airflow is outside valid range

Recommended high airflow is outside valid range

### Supply - Performance curve



### Extract - Performance curve



Unit	Supply	Extract
Air density	1.204 kg/m³	
		<b>Summer</b> <b>Winter</b>
Supply air temperature		-20.0 °C
<b>Sound pressure level (reverberant field)</b>	<b>Total</b>	

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## Ecodesign

Product		
Trade name	Systemair	
Product name	SAVE VTR 700 L	
Basic unit		
ErP compliance	2018	
SEC Average	-38.8	kWh/(m <sup>2</sup> .a)
SEC Cold	-80.7	kWh/(m <sup>2</sup> .a)
SEC Warm	-14.7	kWh/(m <sup>2</sup> .a)
SEC Class	A	
Unit category	RVU	
Unit type	BVU	
Drive	Integrated VSD	
Heat recovery type	Regenerative	
Temperature ratio	81	%
qv max	951	m <sup>3</sup> /h
P max	346	W
Sound power (LWA)	41	dB(A)
qv ref	0.185	m <sup>3</sup> /s
Ps ref	50	Pa
SPI	0.225	W/(m <sup>3</sup> /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	204	kWh/a
AEC cold	204	kWh/a
AEC warm	204	kWh/a
AHS Average	4,386	kWh/a
AHS Cold	8,580	kWh/a
AHS Warm	1,983	kWh/a

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Units with local demand control		
ErP compliance		2018
SEC Average	-42.1	kWh/(m <sup>2</sup> .a)
SEC Cold	-85.2	kWh/(m <sup>2</sup> .a)
SEC Warm	-17.4	kWh/(m <sup>2</sup> .a)
SEC Class		A+
Unit category		RVU
Unit type		BVU
Drive		Integrated VSD
Heat recovery type		Regenerative
Temperature ratio	81	%
qv max	951	m <sup>3</sup> /h
P max	346	W
Sound power (LWA)	41	dB(A)
qv ref	0.185	m <sup>3</sup> /s
Ps ref	50	Pa
SPI	0.225	W/(m <sup>3</sup> /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	119	kWh/a
AEC cold	119	kWh/a
AEC warm	119	kWh/a
AHS Average	4,507	kWh/a
AHS Cold	8,817	kWh/a
AHS Warm	2,038	kWh/a

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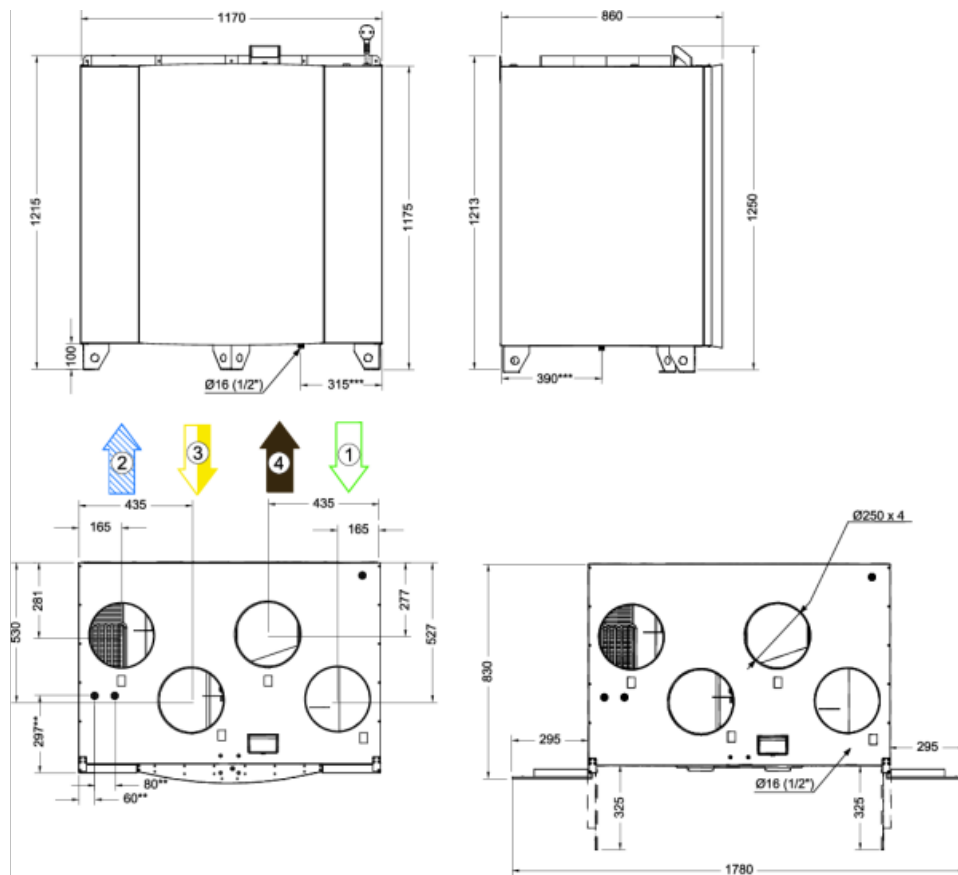
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### Dimension



\*\* Water battery connections

\*\*\* Drainage connection

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

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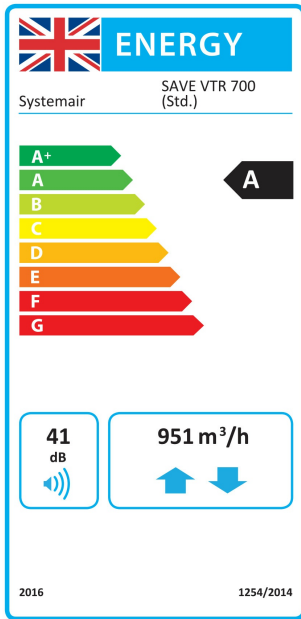




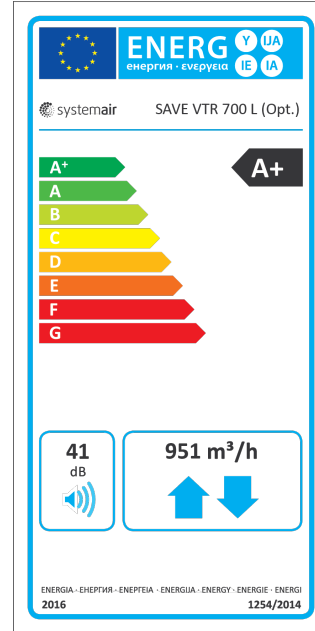


### Energy class label

#### Energy class, Basic unit



#### Energy class, Local demand



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## Accessories

- SAVE CONNECT 2.0 (399999)
- SAVE LIGHT White (319118)
- SAVE TOUCH White (138077)
- El. Reheater VTR 700 L 1,67kW (138100)
- Pressure guard with pitot tube (212987)
- RMK (153549)
- SAVE Wall Mounted Kit (140736)
- Systemair-E CO2 sensor (14904)
- CB 250-3,0 230V/1 Duct heater (5385)
- CEC Cable w/plug 15m (306594)
- CWK 250-3-2,5 Duct cooler,circ (30024)
- FK 250 Fast clamp (1612)
- Surface sensor -30-150C (211523)
- VBC 250-3 Water heating batt (9843)
- CVVX 250 Combi grille, black (8498)
- RVAZ4 24A Actuator 0-10V (9862)
- SPI-250 C Iris damper (6755)
- TUNE-R-250-3-M2 (311951)
- TUNE-R-250-3-M5 (311981)
- Water coil VTR 700 L (138101)
- ZTV 15-1,6 2-way valve (9824)
- 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)
- CEC Cable w/plug 12m (24782)
- CEC Cable w/plug 6m (24783)
- Duct sensor -30-70C (211524)
- LDC 250-900 Silencer (5196)
- VBC 250-2 Water heating batt (5460)
- CVVX 250 Combi grille white (146260)
- Room sensor 0-50C (211525)
- SCD 250 silencer 25mm insulat. (2561)
- TUNE-R-250-3-M1 (311941)
- TUNE-R-250-3-M4 (311971)
- USB-Nano-485 (282047)
- ZTR 15-1,6 valve 3-way (9673)

## 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
- User manual
- Eurovent Certification Diploma
- Commissioning record
- Technical fiche
- Schematic layout and description of components
- UK Declaration of Conformity
- Electrical diagrams for accessories
- Wiring diagram

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