



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.

Get In Touch

 Call: 0845 6880112
 Email: 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	10 A
Enclosure class	IP24
Speed regulation	Stepless
Product type	Heat recovery unit
Temperature	-15 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	Counter flow
Return fan / Extract fan	
Input power (P1), extract fan	170 W
Others	
Fan control	Stepless voltage control
Installation type	Vertical
Supply side	Right
Color casing	
Color casing	White
Color casing, RAL	RAL 9010
Dimensions and weights	
Weight	160 kg

Article name: SAVE VTC 700 R | Product link: <https://shop.systemair.com/en-GB/productPermalink?p=609983> | Item Number: 488844 | Variant: Pleated Filters Standard kit | Document type: Product card | Created at: 11.11.2024 | 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 2018; ErP 2016

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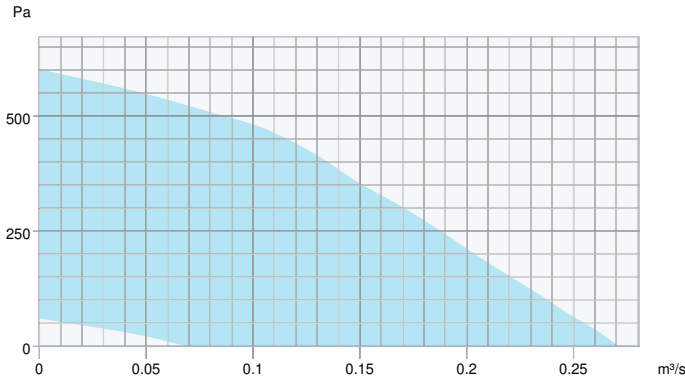


Performance

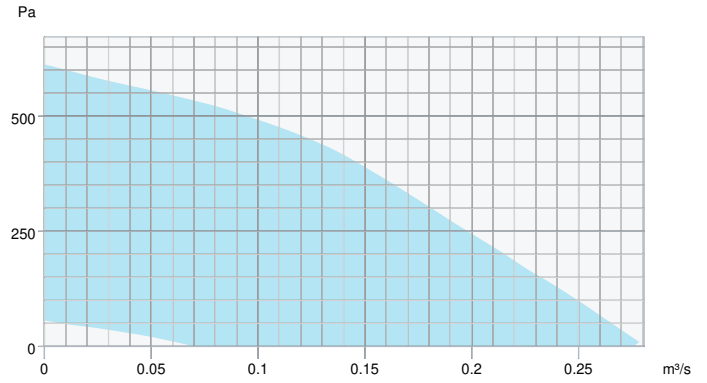
⚠ Recommended low airflow is outside valid range

⚠ Recommended high airflow is outside valid range

Supply - Performance curve



Extract - Performance curve



Unit	Supply	Extract
Air density	1.204 kg/m ³	
		Summer Winter
Supply air temperature		- -20.0 °C
Sound pressure level (reverberant field)	Total	

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Ecodesign

Product		
Trade name	Systemair	
Product name	SAVE VTC 700 R	
Basic unit		
ErP compliance	2018	
SEC Average	-40.1	kWh/(m ² .a)
SEC Cold	-83.6	kWh/(m ² .a)
SEC Warm	-15.2	kWh/(m ² .a)
SEC Class	A	
Unit category	RVU	
Unit type	BVU	
Drive	Integrated VSD	
Heat recovery type	Recuperative	
Temperature ratio	87	%
qv max	856	m ³ /h
P max	318	W
Sound power (LWA)	42	dB(A)
qv ref	0.166	m ³ /s
Ps ref	50	Pa
SPI	0.219	W/(m ³ /h)
CTRL	0.85	
MISC	1.1	
x-value	2	
External Leakage	3	%
Internal Leakage	3	%
Type of product	RAHU/AAHE	
AEC average	243	kWh/a
AEC cold	781	kWh/a
AEC warm	198	kWh/a
AHS Average	4,548	kWh/a
AHS Cold	8,898	kWh/a
AHS Warm	2,057	kWh/a

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Units with local demand control		
ErP compliance		2018
SEC Average	-43	kWh/(m ² .a)
SEC Cold	-87.2	kWh/(m ² .a)
SEC Warm	-17.6	kWh/(m ² .a)
SEC Class		A+
Unit category		RVU
Unit type		BVU
Drive		Integrated VSD
Heat recovery type		Recuperative
Temperature ratio	87	%
qv max	856	m ³ /h
P max	318	W
Sound power (LWA)	42	dB(A)
qv ref	0.166	m ³ /s
Ps ref	50	Pa
SPI	0.219	W/(m ³ /h)
CTRL		0.65
MISC		1.1
x-value		2
External Leakage	3	%
Internal Leakage	3	%
Type of product		RAHU/AAHE
AEC average	161	kWh/a
AEC cold	699	kWh/a
AEC warm	116	kWh/a
AHS Average	4,631	kWh/a
AHS Cold	9,060	kWh/a
AHS Warm	2,094	kWh/a

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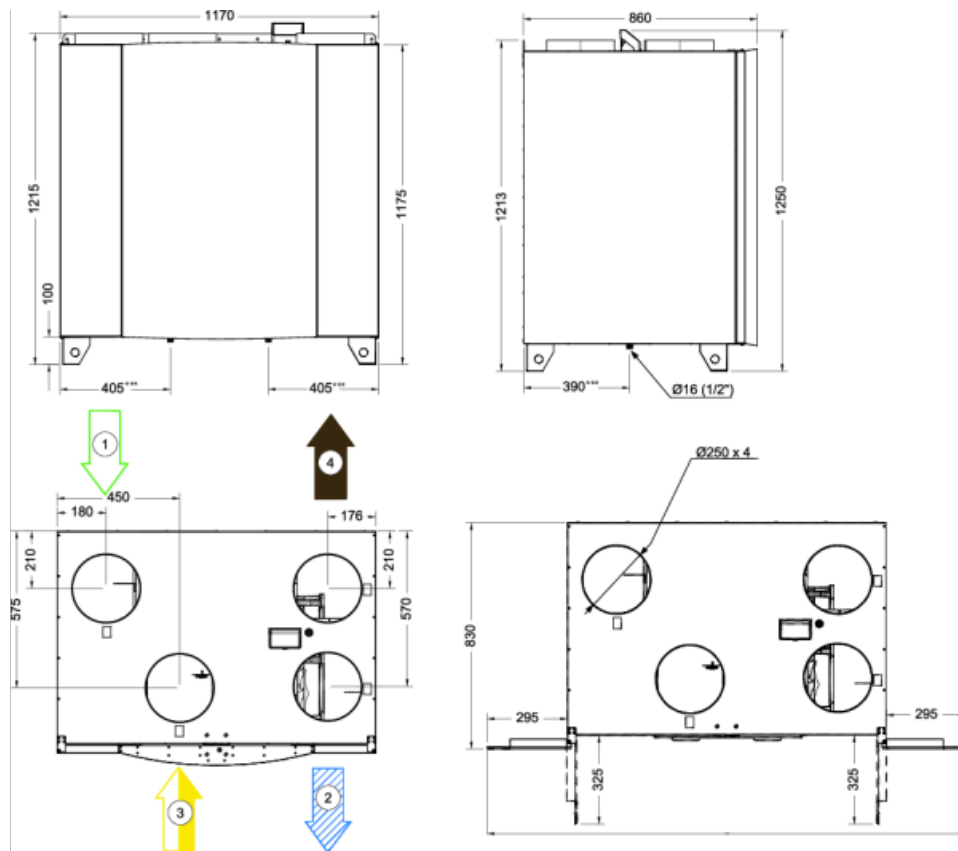
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Dimension



*** Drainage connection

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

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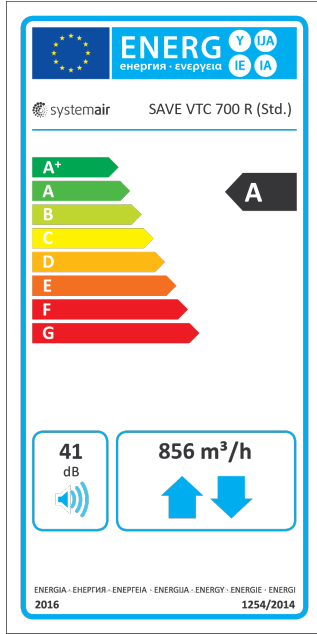
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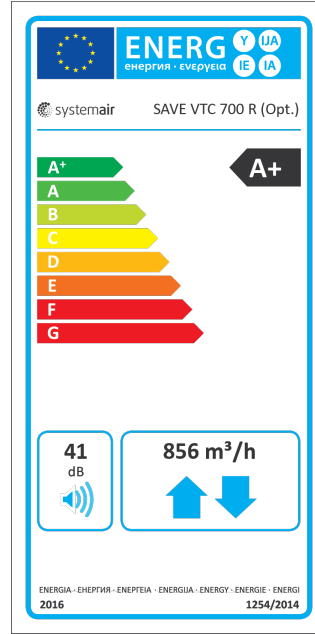


Energy class label

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)
- CB heater connection kit 1 ~ (142852)
- Presence detector/IR24-P (6995)
- PSS20 Transformer 24V (202692)
- 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 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)
- ZTV 15-1,6 2-way valve (9824)
- SAVE LIGHT Black (319119)
- SAVE TOUCH Black (138078)
- CB 250-6,0 400V/2 Duct heater (5372)
- CB heater connection kit 2/3 ~ (151612)
- Pressure guard with pitot tube (212987)
- Reheater VTC 700 R (138200)
- RMK-T (153548)
- Systemair-E CO2 RH Temperature (211522)
- VAV/CAV conversion kit (140777)
- CB 250-9,0 400V/3 Duct heater (5373)
- 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)
- 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
- Certificate Passive House Institute - SAVE VTC 700
- 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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