



## 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](tel:08456880112)  
 **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



### 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	-20 to 40 °C
Preheater / Reheater	
Input power, reheater	1 kW
Supply fan	
Input power (P1), supply fan	86 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	86 W
Others	
Fan control	Stepless voltage control
Installation type	Vertical
Supply side	Left
Color casing	
Color casing	White
Color casing, RAL	RAL 9010

Article name: SAVE VTR 150/K L 1000W White | Product link: <https://shop.systemair.com/en-GB/productPermalink?p=609859> | Item Number: 488811 | Variant: Pleated Filters Standard kit | Document type: Product card | Created at: 24.10.2024 | Generated by: Systemair Online Catalogue | Language: English

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**Dimensions and weights**

Weight	61 kg
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**ERP**

Energy class, Basic unit	B
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Energy class, Local demand	A
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ErP ready	ErP 2018
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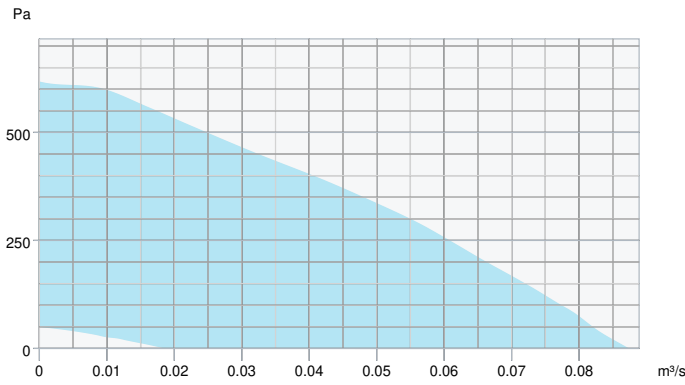


### Performance

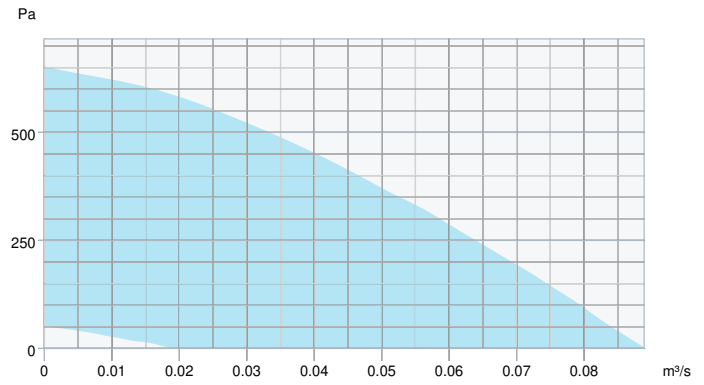
⚠ Recommended low airflow is outside valid range

⚠ 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 150/K L 1000W White	
Basic unit		
ErP compliance	2018	
SEC Average	-32.7	kWh/(m <sup>2</sup> .a)
SEC Cold	-73.3	kWh/(m <sup>2</sup> .a)
SEC Warm	-9.4	kWh/(m <sup>2</sup> .a)
SEC Class	B	
Unit category	RVU	
Unit type	BVU	
Drive	Integrated VSD	
Heat recovery type	Regenerative	
Temperature ratio	76	%
qv max	278	m <sup>3</sup> /h
P max	178	W
Sound power (LWA)	43	dB(A)
qv ref	0.0542	m <sup>3</sup> /s
Ps ref	50	Pa
SPI	0.433	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	392	kWh/a
AEC cold	392	kWh/a
AEC warm	392	kWh/a
AHS Average	4,251	kWh/a
AHS Cold	8,315	kWh/a
AHS Warm	1,922	kWh/a

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Units with local demand control		
ErP compliance		2018
SEC Average	-38.3	kWh/(m <sup>2</sup> .a)
SEC Cold	-80.4	kWh/(m <sup>2</sup> .a)
SEC Warm	-14.2	kWh/(m <sup>2</sup> .a)
SEC Class		A
Unit category		RVU
Unit type		BVU
Drive		Integrated VSD
Heat recovery type		Regenerative
Temperature ratio	76	%
qv max	278	m <sup>3</sup> /h
P max	178	W
Sound power (LWA)	43	dB(A)
qv ref	0.0542	m <sup>3</sup> /s
Ps ref	50	Pa
SPI	0.433	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	229	kWh/a
AEC cold	229	kWh/a
AEC warm	229	kWh/a
AHS Average	4,404	kWh/a
AHS Cold	8,614	kWh/a
AHS Warm	1,991	kWh/a

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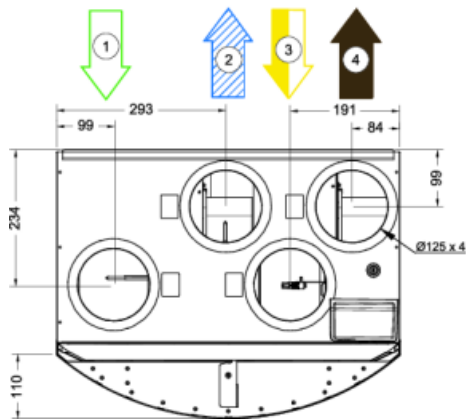
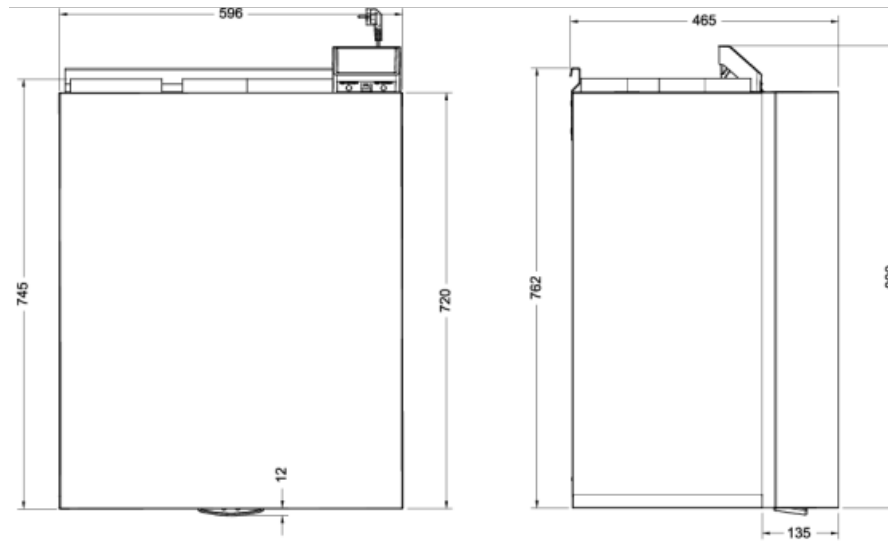
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### Dimension



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

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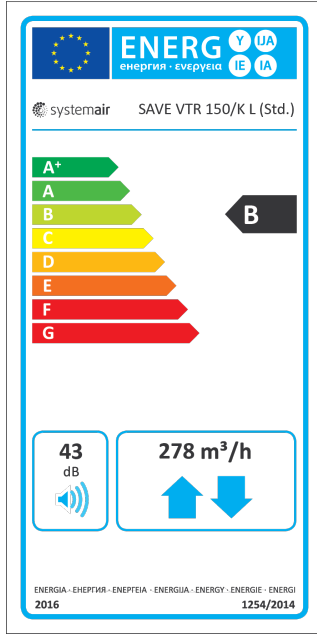




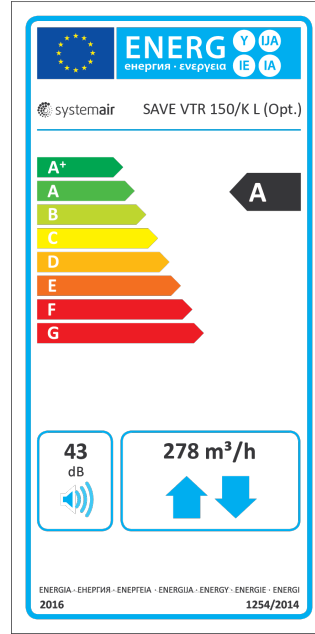


### Energy class label

#### 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)
- Duct cover W VTR 150/K (19566)
- Pressure guard with pitot tube (212987)
- RMK (153549)
- SAVE Wall Mounted Kit (140736)
- Systemair-E CO2 sensor (14904)
- VBC 125-3 Water heating batt (9839)
- CB 125-1,2 230V/1 Duct heater (5290)
- CEC Cable w/plug 12m (24782)
- CEC Cable w/plug 6m (24783)
- Duct sensor -30-70C (211524)
- LDC 125-600 Silencer (5190)
- Surface sensor -30-150C (211523)
- CVVX 125 Combi grille, black (26421)
- Room sensor 0-50C (211525)
- SPI-125 C Iris damper (6751)
- TUNE-R-125-3-M2 (311948)
- TUNE-R-125-3-M5 (311978)
- ZTR 15-0,4 valve 3-way (9670)
- ZTV 15-0,4 2-way valve (9829)
- 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 125-0,6 230V/1 Duct heater (5289)
- CB 125-1,8 230V/1 Duct heater (5377)
- CEC Cable w/plug 15m (306594)
- CWK 125-3-2,5 Duct cooler,circ (30021)
- FK 125 Fast clamp (1608)
- LDC 125-900 Silencer (5191)
- VBC 125-2 Water heating batt (5457)
- CVVX 125 Combi grille, white (26422)
- RVAZ4 24A Actuator 0-10V (9862)
- TUNE-R-125-3-M1 (311938)
- TUNE-R-125-3-M4 (311968)
- 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
- User manual
- 88159\_SAVE\_VTR150\_K\_L.dxf
- Eurovent Certification Diploma
- Commissioning record
- Technical fiche
- Schematic layout and description of components
- UK Declaration of Conformity
- Wiring diagram

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