



## 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



### 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    | 83 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               | Vertical                 |
| Supply side                     | Left                     |
| Color casing                    |                          |
| Color casing                    | Galvanized steel         |

Article name: SAVE VTR 150/B L 1000W | Product link: <https://shop.systemair.com/en-GB/productPermalink?p=609891> | Item Number: 488819 | Variant: Pleated Filters Standard kit | Document type: Product card | Created at: 25.10.2024 | Generated by: Systemair Online Catalogue | Language: English

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**Dimensions and weights**

Weight 46 kg

**ERP**

Energy class, Basic unit B

Energy class, Local demand A

ErP ready ErP 2018

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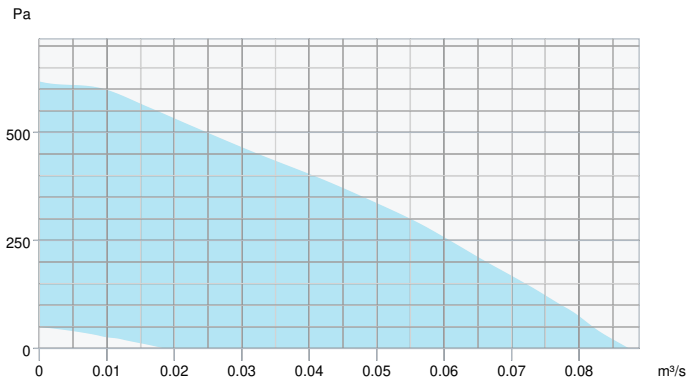


## Performance

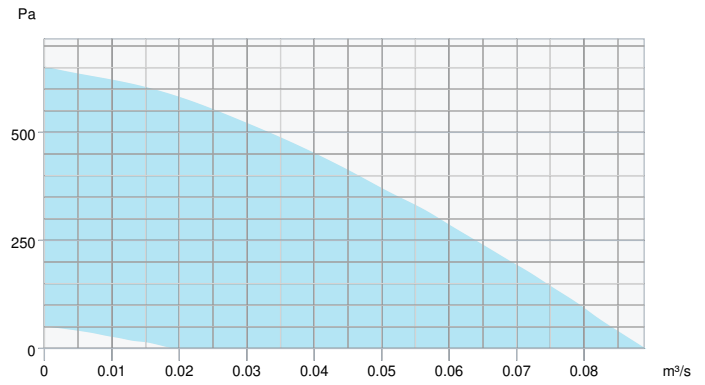
Recommended low airflow is outside valid range

Recommended high airflow is outside valid range

### Supply - Performance curve



### Extract - Performance curve



| Unit  | Supply                  | Extract                     |
|---|-------------------------|-----------------------------|
| Air density                                     | 1.204 kg/m <sup>3</sup> |                             |
|   |                         | <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/B L 1000W |                         |
| 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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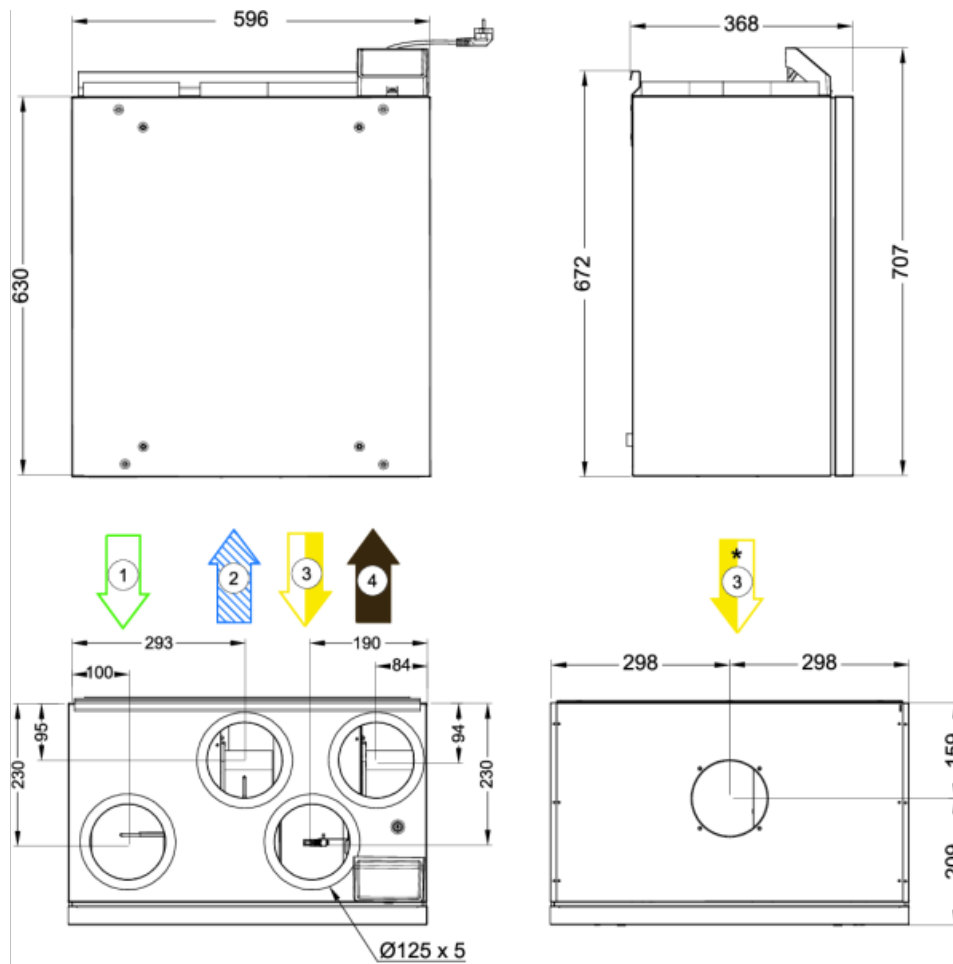
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### Dimension



\* Connection for cooker hood

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

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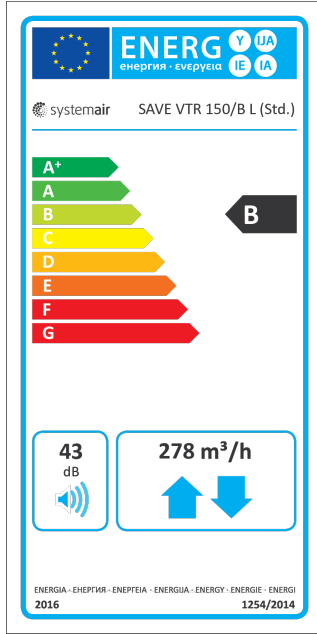




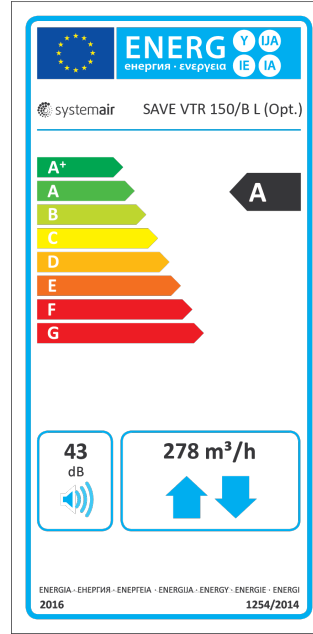


### Energy class label

#### 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 SS VTR 150 (19567)
- 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, black (26421)
- MONOLIT - B S.Steel (326801)
- 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)
- Duct cover W VTR 150/B (319090)
- 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)
- 392-10/B Slimline White (77265)
- CVVX 125 Combi grille, white (26422)
- MONOLIT - B White (326800)
- 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
- Energy label placement quick guide
- Installation manual
- Modbus variable list
- Service and Accessories installation manual
- SYSTEMAIR\_SAVE\_VTR\_150B\_DISASSEMBLY\_GUIDE\_EN\_SE\_DE\_NO\_FI\_20181207.PDF
- 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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