



## 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	10 A
Enclosure class	IP24
Speed regulation	Stepless
Product type	Heat recovery unit
Temperature	-20 to 40 °C
<b>Preheater / Reheater</b>	
Input power, reheater	1.67 kW
<b>Supply fan</b>	
Input power (P1), supply fan	81 W
<b>Supply air filter</b>	
Filter class, supply air	ePM1 60%
<b>Extract air filter</b>	
Filter class, extract air	ePM10 50%
<b>Exchanger</b>	
Heat exchanger rotor drive type	Variable speed
Heat exchanger	Rotating
<b>Return fan / Extract fan</b>	
Input power (P1), extract fan	81 W
<b>Others</b>	
Fan control	Stepless voltage control
Installation type	Vertical
Supply side	Left
<b>Color casing</b>	
Color casing	White
Color casing, RAL	RAL 9010

Article name: SAVE VTR 300/B L | Product link: <https://shop.systemair.com/en-GB/productPermalink?p=609917> | Item Number: 488827 | 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 63 kg

**ERP**

Energy class, Basic unit A

Energy class, Local demand A

ErP ready ErP 2018; ErP 2016

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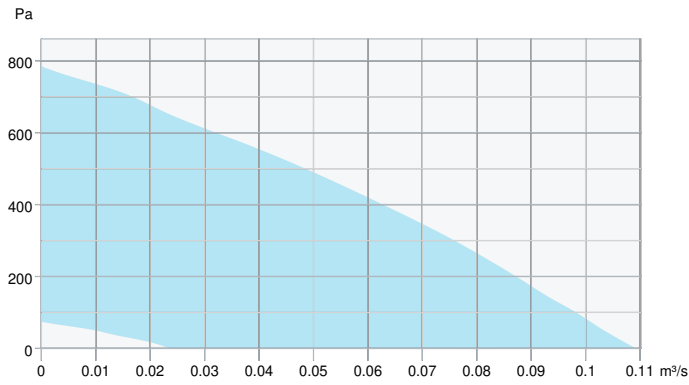


## Performance

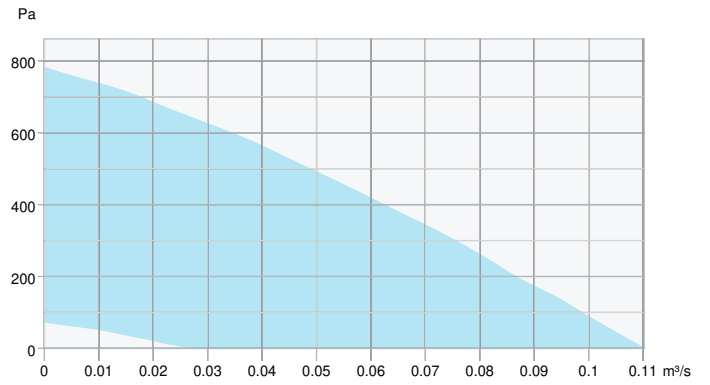
Recommended low airflow is outside valid range

Recommended high airflow is outside valid range

### Supply - Performance curve



### Extract - Performance curve



Unit	Supply	Extract				
Air density	1.204 kg/m³					
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					

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## Ecodesign

Product		
Trade name	Systemair	
Product name	SAVE VTR 300/B L	
Basic unit		
ErP compliance	2018	
SEC Average	-37.1	kWh/(m <sup>2</sup> .a)
SEC Cold	-80.1	kWh/(m <sup>2</sup> .a)
SEC Warm	-12.5	kWh/(m <sup>2</sup> .a)
SEC Class	A	
Unit category	RVU	
Unit type	BVU	
Drive	Integrated VSD	
Heat recovery type	Regenerative	
Temperature ratio	85	%
qv max	351	m <sup>3</sup> /h
P max	179	W
Sound power (LWA)	41	dB(A)
qv ref	0.068	m <sup>3</sup> /s
Ps ref	50	Pa
SPI	0.346	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/AAHE	
AEC average	313	kWh/a
AEC cold	313	kWh/a
AEC warm	313	kWh/a
AHS Average	4,494	kWh/a
AHS Cold	8,792	kWh/a
AHS Warm	2,032	kWh/a

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Units with local demand control		
ErP compliance		2018
SEC Average	-41.3	kWh/(m <sup>2</sup> .a)
SEC Cold	-85.2	kWh/(m <sup>2</sup> .a)
SEC Warm	-16.2	kWh/(m <sup>2</sup> .a)
SEC Class		A
Unit category		RVU
Unit type		BVU
Drive		Integrated VSD
Heat recovery type		Regenerative
Temperature ratio	85	%
qv max	351	m <sup>3</sup> /h
P max	174	W
Sound power (LWA)	41	dB(A)
qv ref	0.068	m <sup>3</sup> /s
Ps ref	50	Pa
SPI	0.346	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/AAHE
AEC average	183	kWh/a
AEC cold	183	kWh/a
AEC warm	183	kWh/a
AHS Average	4,590	kWh/a
AHS Cold	8,979	kWh/a
AHS Warm	2,075	kWh/a

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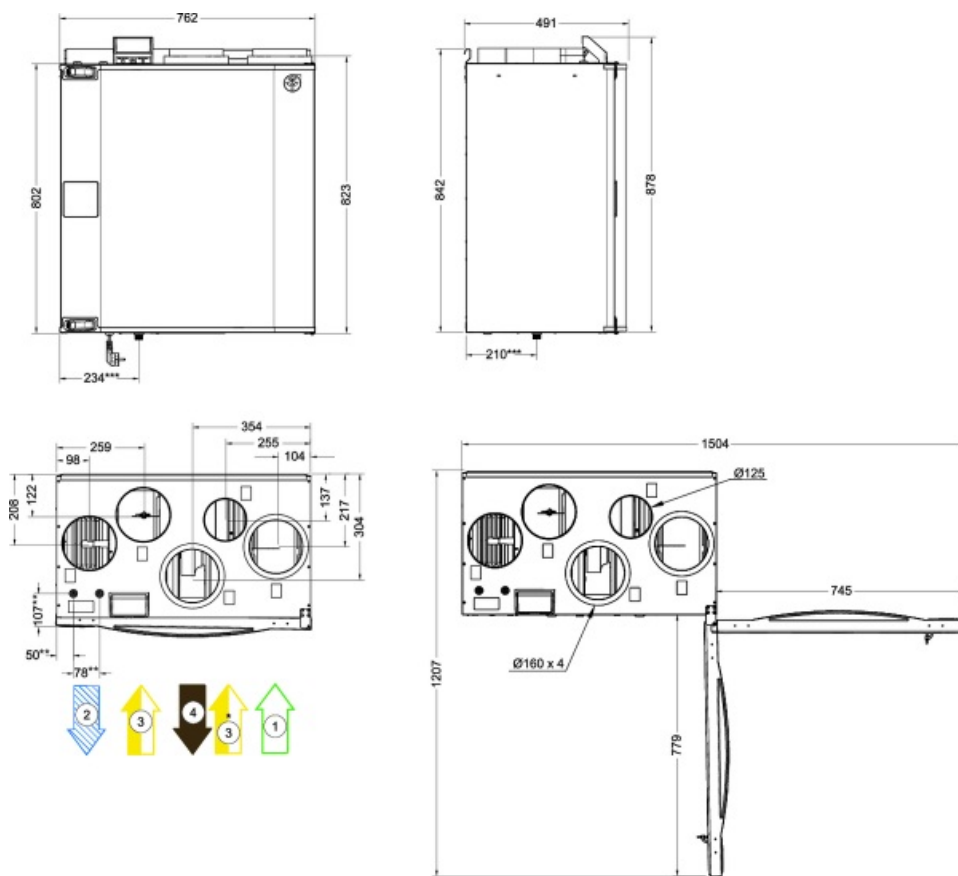
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### Dimension



\* Cooker hood connection

\*\* Water battery connections

\*\*\* Drainage connection

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

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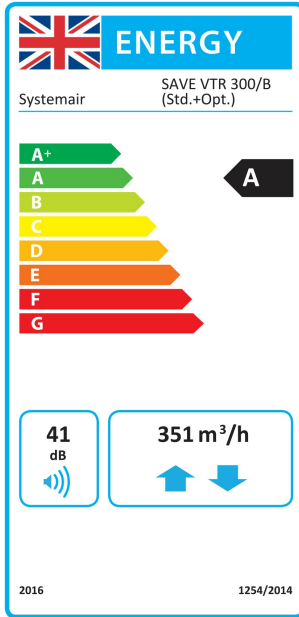
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## Energy class label

### Energy class, Basic unit



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## Accessories

- PF VTR 300 STD kit (246659)
- SAVE LIGHT Black (319119)
- SAVE TOUCH Black (138078)
- CAV kit (161100)
- Duct Cover VTR 300 (113489)
- 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 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)
- 602-10/B Cookerhood S.Steel (47562)
- 722-10/B TENDER Wall 600 steel (78976)
- 722-10/B TENDER Wall 900 steel (78977)
- 762-10/B OPAL Wall 900 steel (78971)
- 782-10/B STIL Wall 600 steel (78973)
- 792-10/B STIL Free 900 steel (78975)
- CVVX 160 Combi grille, black (25394)
- MONOLIT - B S.Steel (326801)
- 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 15-0,4 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)
- 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)
- CB 160-5,0 400V/2 Duct heater (5383)
- 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)
- 392-10/B Slimline White (77265)
- 602-10/B Cookerhood White (47561)
- 722-10/B TENDER Wall 600 white (78978)
- 762-10/B OPAL Wall 600 steel (78970)
- 772-10/B OPAL Free 900 steel (78972)
- 782-10/B STIL Wall 900 steel (78974)
- CE/CD-diverting plug 4pin (37367)
- CVVX 160 Combi grille, white (25396)
- MONOLIT - B White (326800)
- RVAZ4 24A Actuator 0-10V (9862)
- SPI-160 C Iris damper (6753)
- TUNE-R-160-3-M2 (311949)
- TUNE-R-160-3-M5 (311979)
- Water coil SAVE VTR 300 (141700)
- 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
- Certificate Passive House Institute - SAVE VTR 300
- 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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