

SAVE VTC 300 R

Item no. 88380

Document type: **Product card**

Document date: **2019-06-24**

Generated by: **Systemair Online Catalogue**

Version: No heater; Filter G4/Coarse 65% - G4/Coarse 65%; Filter(s) included with the unit



Description

- High efficiency heat recovery unit with counter flow heat exchanger
- Energy efficient RadiCal-fans, with EC-technology enables very low SFP and low sound
- Automatic defrosting funktion
- Demand control regulation as standard by the built-in humidity sensor in extract air
- SAVE Touch control with a capacitive color touch screen for easy use and commissioning
- Connection box outside of unit for easy installation
- Modbus communication via RS-485 as standard
- Internet communication over the Systemair cloud (IAM) is available as accessory

Heat recovery unit designed for ventilated areas up to approximately 240 m². Left and right handed models are available.

The SAVE VTC 300 is designed for installation on the wall in a laundry room or storeroom.

SAVE VTC 300 is a unit with white painted double skinned panels and comes with complete control functionality. The unit is equipped with a high efficiency counter flow heat exchanger. Energy efficient fans with EC motors as well as low pressure filters reduces the energy consumptions and gives low SFP factor (Specific Fan Power) and low sound. The built in humidity sensor in extract air can be used for demand control.

All settings and features are available from the SAVE Touch panel that is integrated in the front door. The panel is a color touch screen with a user friendly interface. The option for connecting one or more external control panels is available. Also control panel has separate user level for authorized installers and service personnel.

The homepage of the control panel shows information such as airflow, temperature, air quality and active functions. You can select between MANUAL and AUTO mode or choose preferred settings from the pre-configured user modes.

SAVE Touch AUTO mode has many functions available that regulate the airflow according to CO₂, presence, humidity, schedule etc. The demand function control gives effective and economical operation to ensure best indoor air quality. Alarm symbols will indicate possible malfunctions and issues direct alerts if anything needs to be rectified.

The unit has an automatic defrosting function that can be chosen in 3 different modes depending on the indoor environment as well as the outdoor conditions.

Without preheater in tight houses / passive houses where unbalanced airflow is not allowed the unit works down to -5°C. Without preheater when unbalance is allowed the unit works down to -15°C. Below -15°C a preheater is needed.

The VTC 300 can be supplemented with a re-heater battery.

The unit is provided with a connection board that has prewired inputs and outputs for easy installation and setup of external sensors as well as for external heaters / coolers. Built in electric/water re-heater is available as accessory.

The unit is delivered with low pressure panel filters:

- Supply air filter G4/Coarse 65%
- Extract air filter G4/Coarse 65%

Panel filter F7/ePM1 60% for supply air is available as an accessory. Panel filter M5/ePM10 50% is available as an accessory for extract air filtering.



Get In Touch



Call: [0845 6880112](tel:08456880112)



Email: info@adremit.co.uk

Our Address

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

Technical parameters

Unit	
Voltage	230 V
Frequency	50 Hz
Phase	1 ~
Weight	72 kg
Recommended fuse	10 A
Enclosure class	IP24
Color casing	RAL9010
Heat exchanger	
Exchanger type	Counter flow heat exchanger
Heater	
Heating type	None
Supply fan	
Input power (P1)	85 W
Extract fan	
Input power (P1)	85 W
Supply filter	
Filter, supply air	Coarse 65%
Extract filter	
Filter, extract air	Coarse 65%
Others	
Mounting type	Vertical units
Supply side	Right
ErP	
Energy class, basic unit	A
Energy class, basic unit option	A
ErP ready	ErP 2016/ErP 2018

Get In Touch

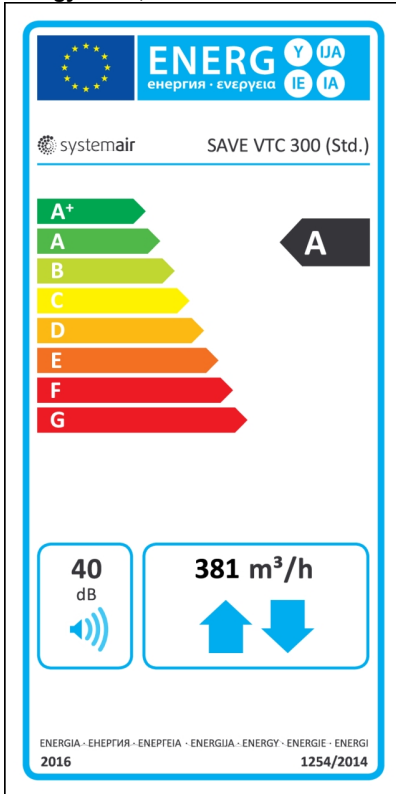
 **Call:** [0845 6880112](tel:08456880112)
 **Email:** info@adremit.co.uk

Our Address

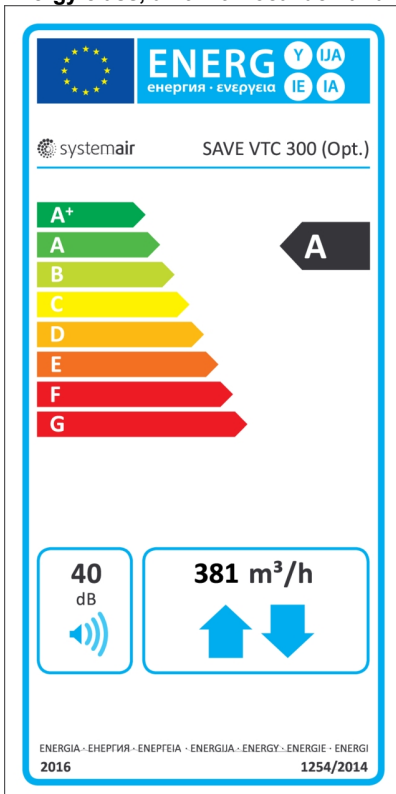
Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH

Energy class label

Energy class, basic unit



Energy class, unit with local demand control



Name: **SAVE VTC 300 R** | Item no.: **88380** | Version: **No heater; Filter G4/Coarse 65% - G4/Coarse 65%; Filter(s) included with the unit**

3 / 6

Document type: **Product card** | Document date: **2019-06-24** | Generated by: **Online catalogue**

Get In Touch



Call: [0845 6880112](tel:08456880112)



Email: info@adremit.co.uk

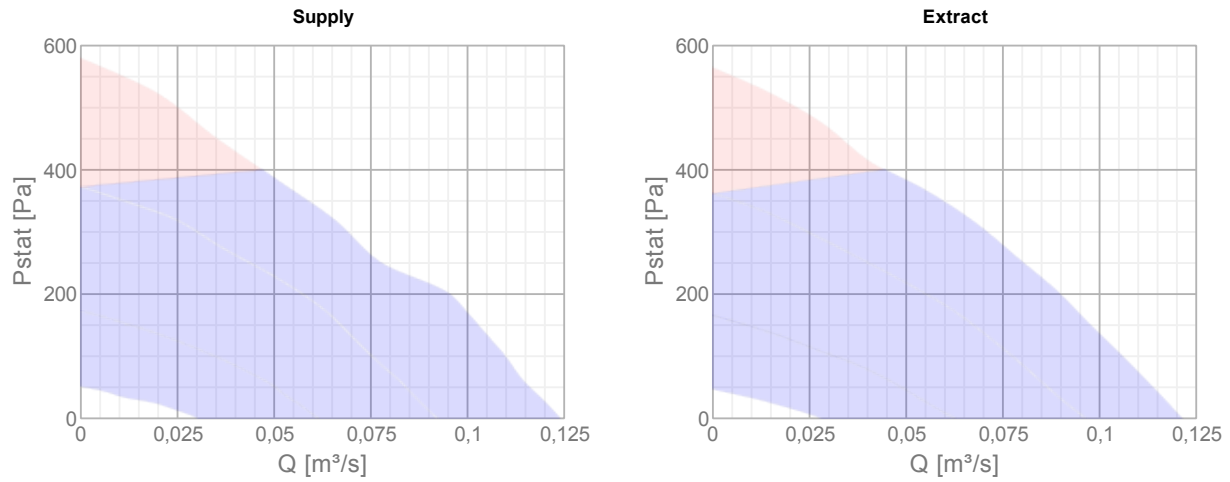
Our Address

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

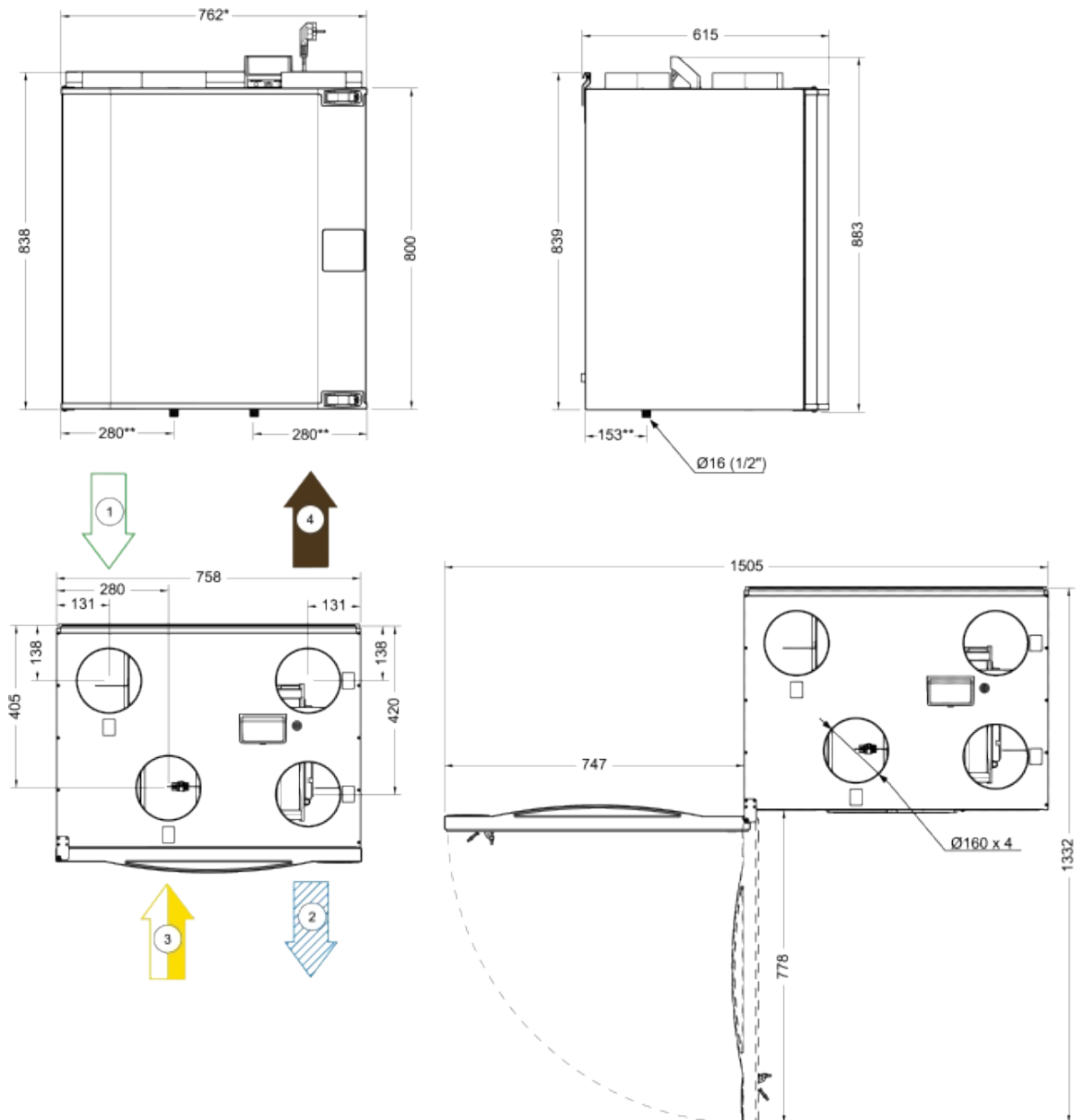
Diagrams

Diagrams

Diagrams and calculations are made for the performance with clean filters.



Dimensions



Name: **SAVE VTC 300 R** | Item no.: **88380** | Version: **No heater; Filter G4/Coarse 65% - G4/Coarse 65%; Filter(s) included with the unit**
 Document type: **Product card** | Document date: **2019-06-24** | Generated by: **Online catalogue**

4 / 6

Get In Touch

Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

Our Address

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

- * Inspection hatch
- ** Drainage

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

Accessories







Electric accessories


[CB 160-2.7 230V/1 Duct heater \(5382\)](#)
[Presence detector/IR24-P \(6995\)](#)
[PSS48 Transformer 24V \(204385\)](#)
[CEC Cable w/plug 15m \(306594\)](#)
[RVAZ4 24A Actuator 0-10V \(9862\)](#)
[Push button_impulse \(9693\)](#)
[Systemair-E CO2 sensor \(14904\)](#)
[Systemair-1 CO2 duct sensor \(14906\)](#)
[CEC Cable w/plug 6m \(24783\)](#)
[CEC Cable w/plug 12m \(24782\)](#)
[CE/CD-diverting plug 4pin \(37367\)](#)
[SAVE Touch White SPR \(138077\)](#)
[SAVE Touch Black SPR \(138078\)](#)
[Reheater VTC 300 R \(138107\)](#)
[VAV/CAV conversion kit \(140777\)](#)
[Internet access module \(IAM\) \(211243\)](#)
[Systemair-E CO2 RH Temperature \(211522\)](#)



Accessories

[VBC 160-2 Water heating batt \(5458\)](#)
[LDC 160-600 Silencer \(5192\)](#)
[LDC 160-900 Silencer \(5193\)](#)
[FK 160 Fast clamp \(1610\)](#)
[ZTV 15-0.4 2-way valve \(9829\)](#)
[VBC 160-3 Water heating batt \(9840\)](#)
[ZTR 15-0.4 valve 3-way \(9670\)](#)
[Connectduct Ø 160/1.0 M/F \(2558\)](#)
[ZTR 15-0.6 valve 3-way \(6573\)](#)
[ZTV 15-0.6 2-way valve \(6571\)](#)
[PF VTC 300 G4/Coarse 65% S/E \(207039\)](#)
[PF VTC 300 M5/ePM10 50% Ext \(207040\)](#)
[PF VTC 300 F7/ePM1 60% Sup \(207041\)](#)
[BF VTC 300 F7/ePM1 60% Sup \(207042\)](#)
[CVVX 160 Combi grille, black \(25394\)](#)
[CVVX 160 Combi grille, white \(25396\)](#)
[TUNE-R-160-3-M4 \(311969\)](#)
[SAVE Touch Wall Mounted Kit \(140736\)](#)

Documentation

-  [211578 Control panel mounting instr A003.pdf \(378,62kB\)](#)
-  [211562 SAVE_VTC_300_User_manual_EN_SE_DE_20190415_sw1.8.0.pdf \(2,52MB\)](#)
-  [211561 SAVE_VTC_300_Installation_and_service_EN_SE_DE_20190415_sw1.8.0.pdf \(6,39MB\)](#)
-  [211577 Energy label placement SAVE A002.pdf \(714,54kB\)](#)
-  [SAVE Modbus Variable List 20190116 \(Rev. 29\).pdf \(1,19MB\)](#)
-  [Systemair_SAVE VTC 300_disassembly_EN_SE_DE_NO_FI_20181207.pdf \(692,21kB\)](#)

-  [211466 SAVE_VTC_300_Wiring_diagram_en-GB \(A001\).pdf \(1,54MB\)](#)

-  [Eurovent Certification Diploma 20180928.pdf \(1,78MB\)](#)
-  [SAVE VTC 300 Passive House Certificate 2019.pdf \(167,91kB\)](#)

Name: **SAVE VTC 300 R** | Item no.: **88380** | Version: **No heater; Filter G4/Coarse 65% - G4/Coarse 65%; Filter(s) included with the unit**
Document type: **Product card** | Document date: **2019-06-24** | Generated by: **Online catalogue**





5 / 6

Get In Touch

 **Call:** [0845 6880112](tel:08456880112)
 **Email:** info@adremit.co.uk

Our Address

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

 Systemair_SAVE_Commissioning_record_EN_20190109.pdf (1,13MB) 88380_SAVE_VTC300_R.dxf (9,10MB) SAVE Touch_quick_guide_20181211.pdf (568,48kB) VTC_300_Scheme_EN (A001).pdf (837,48kB)

Get In Touch



Call: [0845 6880112](tel:08456880112)



Email: info@adremit.co.uk

Our Address

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