

SAVE VTR 700 R

Multiple control options to choose from

Toote number: 488834

Variant: Pleated Filters Standard kit



Filter kits:

145849 PF STD kit (F7/ePM1 60% supply and M5/ePM10 50% extract)

145924 PF OPT kit (accessory) (F8/ePM1 70% supply and M5/ePM10 50% extract)

Main features:

- High energy-efficiency rotary heat exchanger with EC technology fans
- Demand control regulation with the built-in humidity sensor
- Moisture transfer function to minimize condensation in supply air during wintertime
- Multiple control options to choose from
- Connection board for easy access and connection of accessories
- Modbus communication RS-485 as standard
- Eurovent Certification

SAVE VTR 700 is designed for ventilated areas up to 550 m². Left and right handed models are available.

SAVE VTR 700 has white painted double skinned panels. The unit is equipped with a high efficiency variable speed rotating heat exchanger and a moisture transfer function that regulates the rotation speed of the rotor. Energy efficient fans with EC motors as well as low-pressure filters reduce the energy consumptions and ensures low SFP factor (Specific Fan Power) and sound level. The built-in humidity sensor in extract air can be used for demand control.



The unit can be operated in a variety of ways:

- SAVE LIGHT – control panel for basic functions such as airflow control, general alarm and filter change indication.
- SAVE TOUCH – control panel with touch screen and full access to all functions and settings. The home screen displays information such as airflow, temperature, air quality and active functions. You can select between MANUAL and AUTO mode or select preferred settings from the pre-configured user modes and much more.
- SAVE CONNECT – Home solutions by Systemair mobile application and Internet Access Module for wireless control of the SAVE unit. The mobile application mirrors functionality of SAVE TOUCH control panel and allows you to access all control functions on your smartphone.

Each control method is optional and have to be ordered separately as an accessory. 6 meter cable for the control panel is included with the unit.

Built-in reheater (water or electric 1.67 kW) is available as an accessory.

External connection board that has prewired inputs and outputs allows easy installation and setup of external sensors as well as external heaters / coolers and other accessories.

Tehnilised parameetrid

Seade	
Sagedus	50 Hz
Voltage (nominal)	230 V
Phases	1~
Soovitatav kaitse	13 A
Kaitseklass	IP24
Kiiruse reguleerimine	Pidevatoimeline
Toote tüüp	Heat recovery unit

Sisepuhkeventilaator

Sisendvõimsus (P1) sisepuhkeventilaatorile 168 W

Sisendõhu filter

Filtri klass, sisepuhkeõhk ePM1 60%

Väljatõmbeõhu filter

Filtri klass, väljatõmme ePM10 50%

Soojusvaheti

Soojusvaheti rootortüüpi ajam Muutuva kiirusega

Soojusvaheti Pöördlevad

Tagastusventilaator / Väljatõmbeventilaator

Sisendvõimsus, Väljatõmbeventilaator 170 W

Others

Suurus 700

Ventilaatori reguleerimine Pidevtoimelise pinge reguleerimine

paigaldamise tüüp Vertikaalne

Sisepuhke pool parem

Korpuse värv

Korpuse värv Valge

Korpuse värv RAL RAL 9010

Mõõtmed ja kaal

Kaal 188 kg

ErP

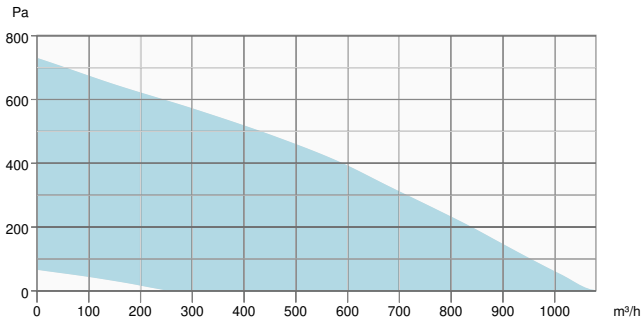
Energiaklass, Baasseade A

Energiaklass, kohalik nõue A+

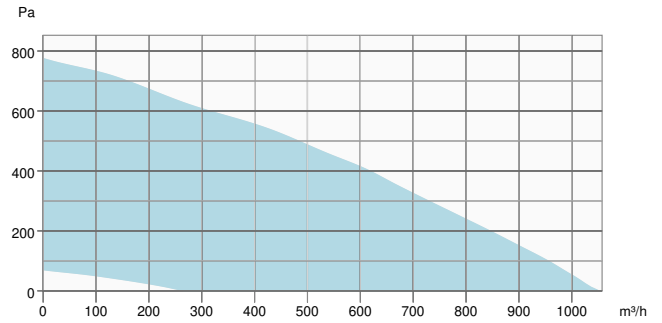
ErP valmidus ErP 2016; ErP 2018

Jõudlused

Sissepuhe - Tootluse kõver



Väljavõte - Tootluse kõver

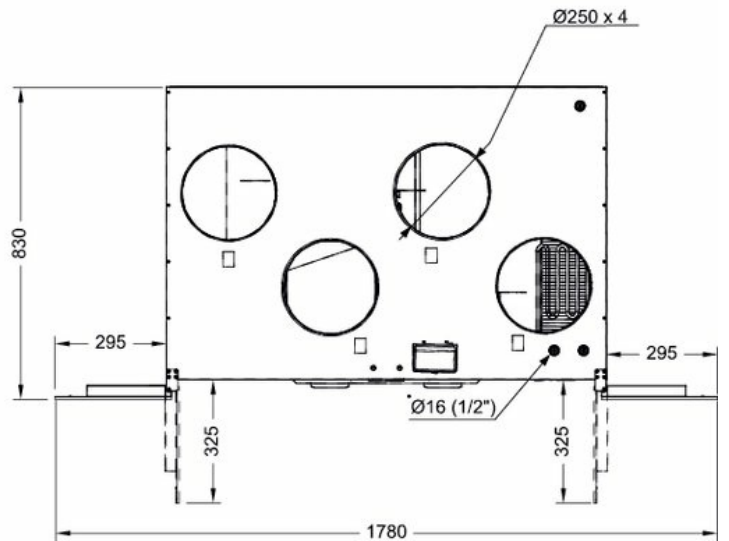
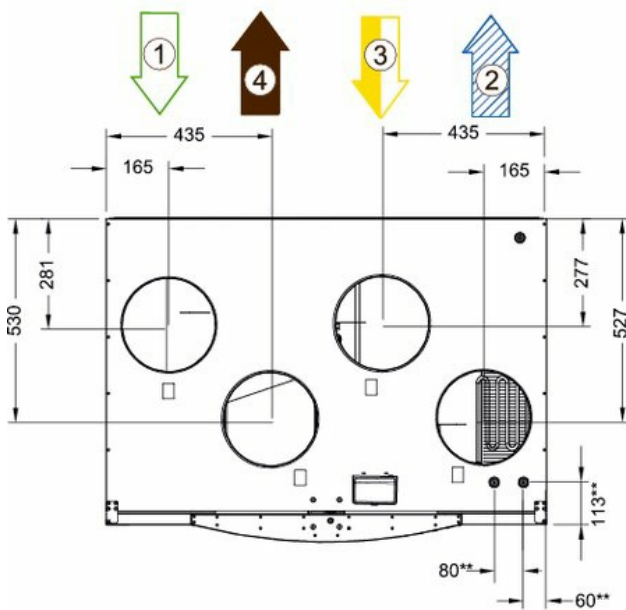
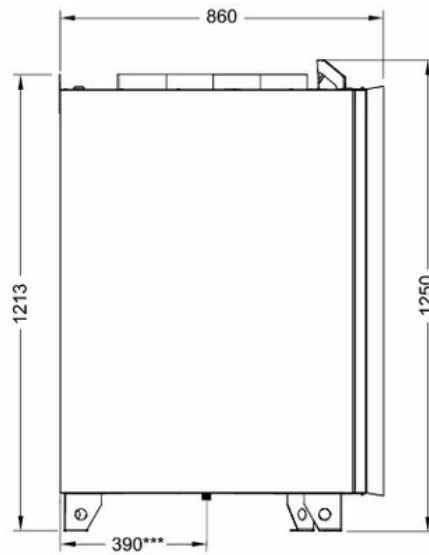
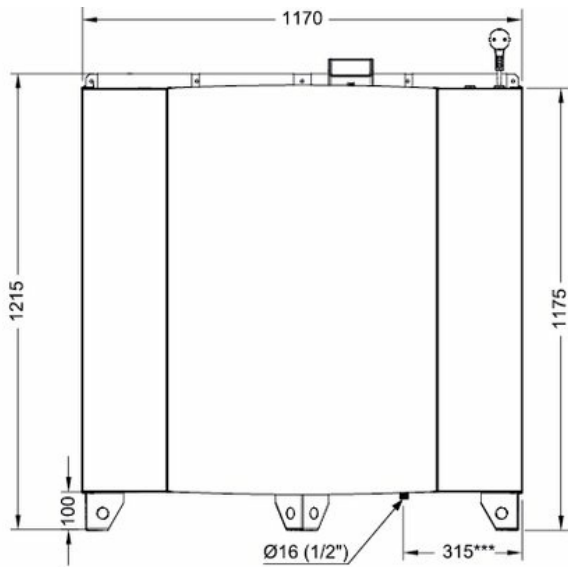


Seade	Sissepuhe	Väljavõte
Vajalik õhuvool	-	-
Töö õhuvool	-	-
Vajalik väline surve	-	-
Töö õhurõhk	-	-
Võimsus	-	-
Ventilaatori juhtimine - RPM	-	-
Soovitatav madal - RPM	-	-
Soovitatav kõrge - RPM	-	-
Ventilaatori juhtimine - %	-	-
Soovitatav madal - %	-	-
Soovitatav kõrge - %	-	-
Air density		1.204 kg/m ³
SFP		-
Sissepuhke õhu temperatuur		-20.0 °C

Helirõhu tase	Kokku
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Soojust taastav	Sissepuhe	Väljavõte
Siseneva õhu temperatuur	-	-
Väljaviske õhu temperatuur	-	-
Siseneva õhu niiskus	-	-
Väljamineva õhu niiskus	-	-
Kondensaat	-	-
Ülekantud elekter	-	-
Temperatuuri kasuteguri ühiku (EN 13141-7)	-	-
Temperatuuri kasuteguri komponent (EN 308)	-	-
Niiskus tõhusus	-	-
Vaheti tüüp	-	-

mõõt



** Water battery connections

*** Drainage connection

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

Ökodisaini

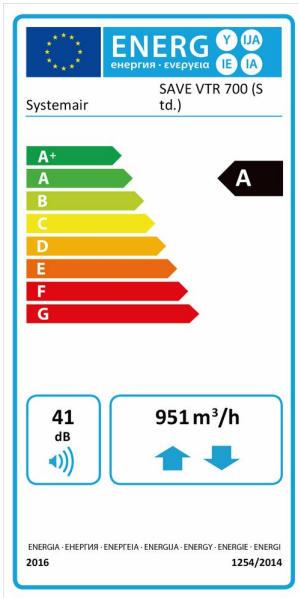
Toode	
Ärinimi	Systemair
Toote nimi	SAVE VTR 700 R
Baasseade	
ErP vastavus	2018
SEC Keskmine	-38.8 kWh/(m ² .a)
SEC Külm	-80.7 kWh/(m ² .a)
SEC Soe	-14.7 kWh/(m ² .a)
SEC Klass	A
Seadme kategooria	RVU
Seadme tüüp	BVU
Ajam	Integreeritud VSD
Soojustagastuse tüüp	Taastav
Temperatuuri suhe	81 %
QV max	954 m ³ /h
P max	346 W
Helivõimsuse tase LWA	41 dB(A)
QV ref	0.185 m ³ /s
PS ref	50 Pa
SPI	0.225 W/(m ³ /h)
CTRL	0.85
VARIA	1.1
x-väärtus	2
Väline leke	2 %
Sisemine leke	Pole saadaval
Carry over	4 %
Toote tüüp	RAHU/AARE
AEC keskmine	204 kWh
AEC külm	204 kWh
AEC soe	204 kWh
AHS keskmine	4 386 kWh/a
AHS Külm	8 580 kWh/a
AHS soe	1 983 kWh/a

Seadmed kohaliku vajaduse järgi reguleerimisega

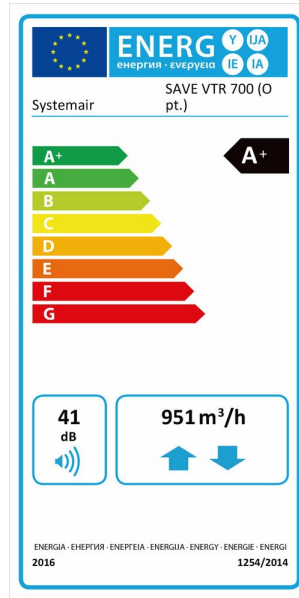
ErP vastavus	2018
SEC Keskmine	-42.1 kWh/(m ² .a)
SEC Külm	-85.2 kWh/(m ² .a)
SEC Soe	-17.4 kWh/(m ² .a)
SEC Klass	A+
Seadme kategooria	RVU
Seadme tüüp	BVU
Ajam	Integreeritud VSD
Soojustagastuse tüüp	Taastav
Temperatuuri suhe	81 %
QV max	954 m ³ /h
P max	346 W
Helivõimsuse tase LWA	41 dB(A)
QV ref	0.185 m ³ /s
PS ref	50 Pa
SPI	0.225 W/(m ³ /h)
CTRL	0.65
VARIA	1.1
x-väärtus	2
Väline leke	2 %
Sisemine leke	Pole saadaval
Carry over	4 %
Toote tüüp	RAHU/AARE
AEC keskmine	119 kWh
AEC külm	119 kWh
AEC soe	119 kWh
AHS keskmine	4 507 kWh/a
AHS Külm	8 817 kWh/a
AHS soe	2 038 kWh/a

Energiaklassi silt

Energiaklass, Baasseade



Energiaklass, kohalik nõue



Lisatarvikud

- SAVE Connect interneti moodul (323606)
- SAVE Light valge (319118)
- SAVE Touch displei valge (138077)
- SAVE VTR/VTC 700 F7/M5 PF STD (145849)
- CO2 kanaliandur SAVE Cair (14906)
- PSS 20 trafo 24V (202692)
- RMK-T (153548)
- SAVE displei seinakinnitus (140736)
- SAVECair CO2 andur (14904)
- SAVECair eelkütte ühenduskompl (151612)
- CB 250-3,0 230V/1 kalorifeer (5385)
- CEC kaabel 12m (24782)
- CWK 250-3-2,5 jahutuspatari (30024)
- Kanaliandur -30-70C (211524)
- Pinnaandur -30-150C (211523)
- VBC 250-2 veekalorifeer, ümar (5460)
- Connectduct Ø 250/1,0 M/F (2561)
- CVVX 250 valge (146260)
- RVAZ4 24A Ventiiliajam 0-10V (9862)
- SAVE VTR 700 R vee järelk.kalo (141101)
- TUNE-R-250-3-M1 (311941)
- TUNE-R-250-3-M4 sulgklapp (311971)
- ZTR 15-1,6 3-tee ventiil (9673)
- SAVE Light must (319119)
- SAVE Touch displei must (138078)
- SAVE VTC/VTR 700 F8/M5 PF OPT1 (145924)
- CB 250-6,0 400V/2 kalorifeer (5372)
- Presence detector/IR24-P (6995)
- RMK relee sulgklappide ühendamine (153549)
- Rõhuandur/rõhulüliti 20-200Pa (212987)
- SAVE eelkütte ühenduskompl (142852)
- SAVECair CO2/RH# (211522)
- SAVECair VAV/CAV komplekt (140777)
- CB 250-9,0 400V/3 kalorifeer (5373)
- CEC kaabel 6m (24783)
- FK 250 kinnitusklamber (1612)
- LDC 250-900 mürasummuti (5196)
- RS-24V (159484)
- VBC 250-3 veekalorifeer, ümar (9843)
- CVVX 250 seinaelement, must (8498)
- Ruumi temp.andur 0-50C (211525)
- SAVE VTR 700 R el.järelk.kal. (141100)
- SPI 250 C õhu reguleerklapp (6755)
- TUNE-R-250-3-M2 (311951)
- TUNE-R-250-3-M5 (311981)
- ZTV 15-1,6 ventiil (9824)