

KOMFORT RoTo EC SKE 200

Air handling units with rotary heat exchanger



Features

- Air handling units for efficient supply and exhaust ventilation in flats, houses, cottages and other buildings.
- Heat recovery is provided by the rotary heat exchanger and minimizes ventilation heat losses
- Controllable air exchange for creating the best suitable indoor microclimate.
- Unit is equipped with kitchen hood.



Air flow:
up to 270 m³/h
75 l/s



Heat recovery efficiency:
up to 94 %



Design

- The fan casing is made of galvanized steel, internally filled with mineral wool layer for heat and sound insulation.
- The insulation is 25 mm thick.
- KOMFORT Roto EC SK 200 – unit w/o electric heater.
- KOMFORT Roto EC SKE 200 – unit with an electric heater.

Air filtration

- Two built-in **Coarse 90% (G4)** filters provide efficient supply air filtration.
- Supply ePM1 65% (F7) filter available as an option.

Heater

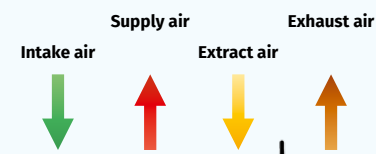
- Units **KOMFORT Roto EC SKE 200** are equipped with an electric heater.

Decorative panel

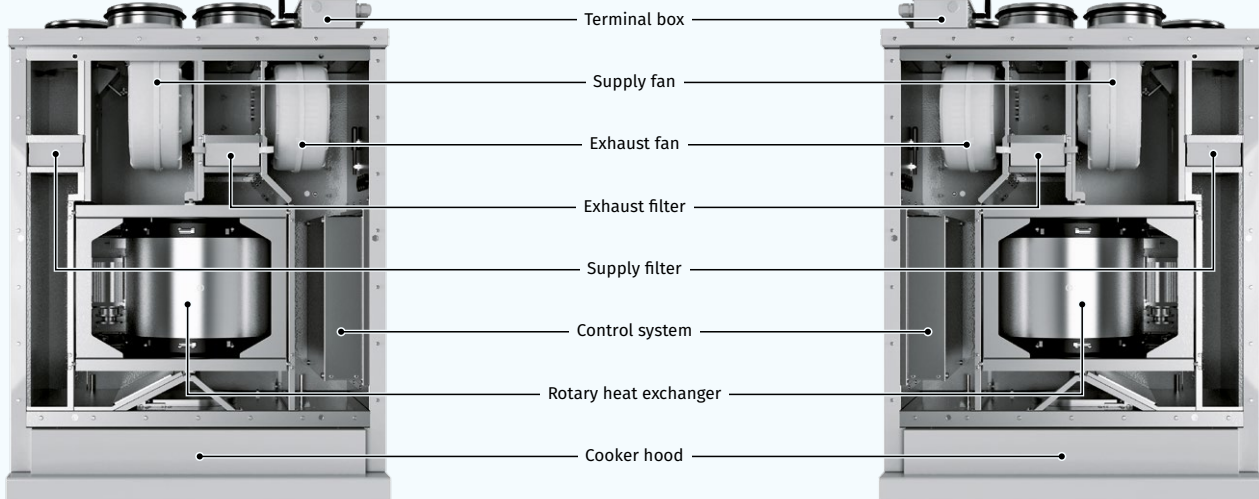
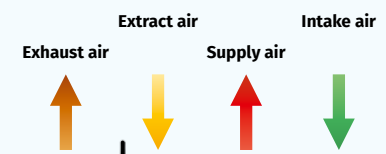
- **Blauberg EP-Roto EC SKE 200 Hi-tech** – stainless steel decorative panels for improving appearance of the products.



KOMFORT ROTO EC SK 200 L

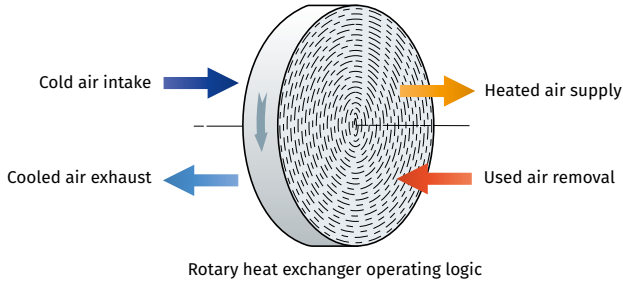


KOMFORT ROTO EC SK 200 R



Heat recovery

- o The unit has a high-efficient rotary heat exchanger.
- o The advantages of the rotary heat exchanger as compared to plate heat exchangers include no condensate generation, maintaining comfort air humidity and high freeze resistance.



Control and automation

- o The units are equipped with an integrated automation system. The remote control panel is not included in the delivery set (purchased separately).
- o The S21 controller allows to integrate the unit into the **Smart Home** system or **BMS (Building Management System)**.
- o Unit control is done via Wi-Fi using the mobile application **Blauberg Home**.






Download the Blaubeerg Home app for Android



Download the Blaubeerg Home app for iOS



Automation functions

Functions	Description
Unit control via Wi-Fi using a mobile application	+
Unit control via a wired remote control panel	S22 control panel (option) 
Unit control via a wireless remote control panel	S22 Wi-Fi control panel (option) 
Unit control via a wired remote LCD control panel	S25 control panel (option) 
BMS (Building Management System)	RS-485
	Wi-Fi
	Ethernet
	MODBUS (RTU, TCP)
Blauberg Cloud Server service	+
Speed selection	+
Filter replacement indication	by filter timer
Alarm indication	+
Week-scheduled operation	+
Bypass	automatic
	manual
Timer	+
Boost mode	+
Fireplace mode	+
Freeze protection	+
Cooler connection	+
Minimum supply air temperature control	+
Humidity control	option
CO₂ control	option
VOC control	option
PM2.5 control	option
Fire alarm sensor connection	option

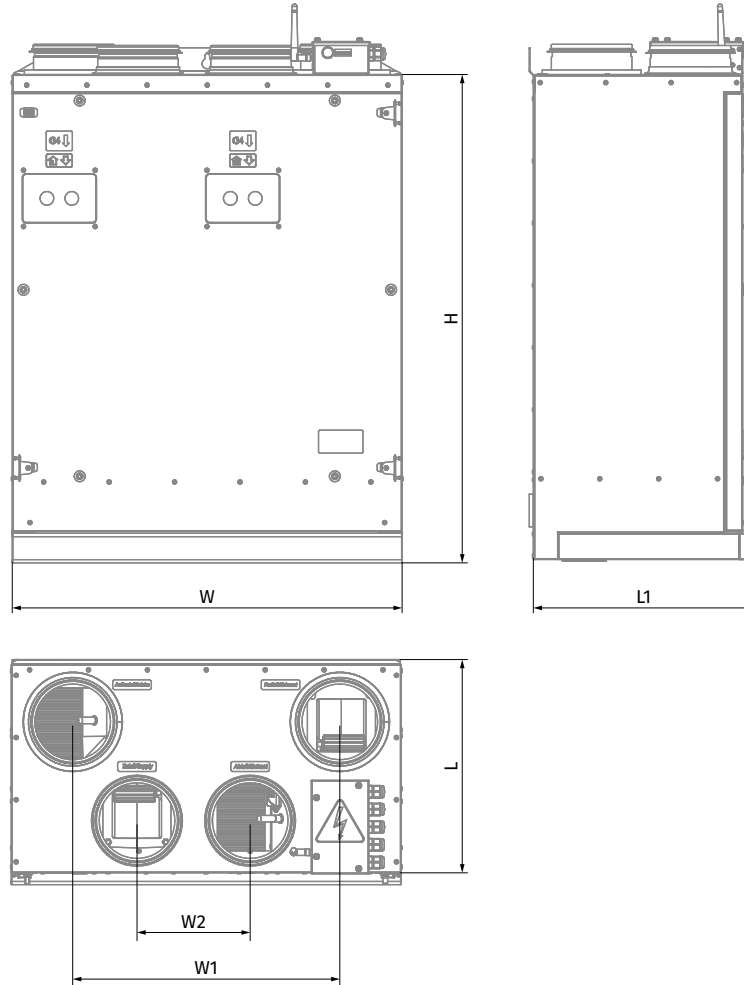
Option: the function is available when purchasing the appropriate accessory (see the "Accessories" section).

Designation key

Series	Motor	Casing type	Modification	Size	Unit version	Control system
KOMFORT Roto	EC: electronically commutated motor	S: vertical	K: integrated white hood E: integrated electric heater S: integrated stainless steel hood	200: nominal airflow [m ³ /h]	L: left version R: right version	S21

Overall dimensions [mm]

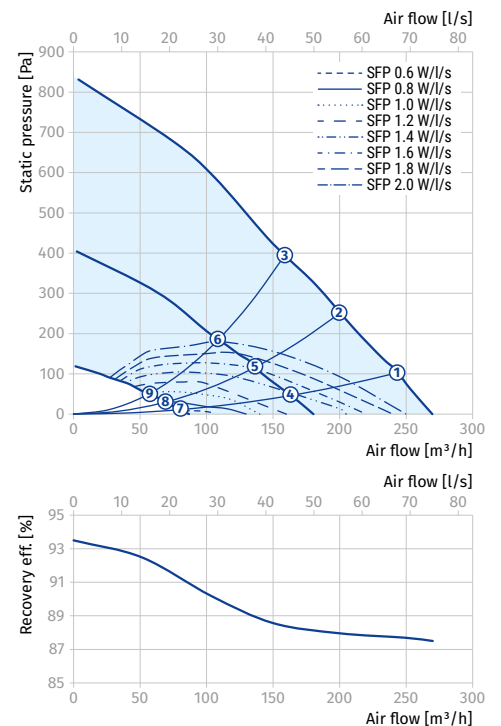
Model	H	L	L1	W	W1	W2
KOMFORT Roto EC SK(E) 200	746	326	338	596	408	173














AIR HANDLING UNITS WITH ROTARY HEAT EXCHANGER

Technical data

Parameters	KOMFORT Roto EC SK 200	KOMFORT Roto EC SKE 200
Voltage [V / 50-60 Hz]	1 ~ 230	1 ~ 230
Max. unit power without electric heater [W]	171	171
Max. power of electric heater [W]	-	700
Max. unit power [W]	171	871
Max. unit current without electric heater [A]	1.31	1.31
Max. unit current of electric heater [A]	-	3.0
Max. unit current [A]	1.31	4.31
Max. air flow [m³/h]	270	270
Sound pressure level at 3 m distance [dBA]	33	33
Operating temperature [°C]	-25...+40	-25...+40
Case material	polymer coated steel	polymer coated steel
Insulation	25 mm, mineral wool	25 mm, mineral wool
Extract filter	G4	G4
Supply filter	G4 (F7 optional)	G4 (F7 optional)
Connected air duct diameter [mm]	125	125
Weight [kg]	52	53
Heat recovery efficiency [%]	87-93	87-93
Heat exchanger type	rotary	rotary
Heat exchanger material	aluminum	aluminum
SEC class	A	A



Accessories

		KOMFORT Roto EC SK 200 S21	KOMFORT Roto EC SKE 200 S21
Decorative panel		EP-Roto EC SKE 200 Hi-tech	EP-Roto EC SKE 200 Hi-tech
G4 panel filter		FP 261x86x48 Coarse 90% G4	FP 261x86x48 Coarse 90% G4
F7 panel filter		FP 261x86x48 ePM1 65% F7	FP 261x86x48 ePM1 65% F7
LCD control panel		S25	S25
Control panel		S22	S22
Wireless control panel		S22 Wi-Fi	S22 Wi-Fi
CO ₂ sensor with indication		CD-1	CD-1
Humidity sensor		HR-S	HR-S
Silencer		SD 125	SD 125
Air damper		VKA 125	VKA 125
Electric actuator		TF230	TF230