Komfort Roto EC L

Model range



Komfort Roto EC L 701

Features

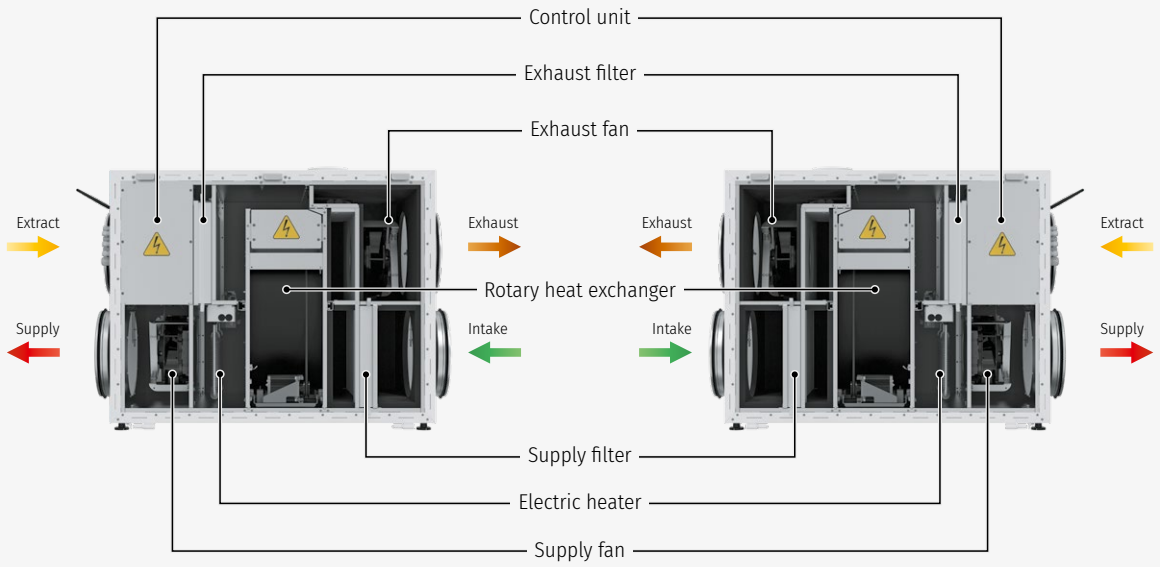
- Efficient ventilation for houses and cottages
- Rotary heat exchanger
- Built-in electric re-heater available
- Casing: Painted steel casing with 40 mm insulation
- Left and right versions
- Supply filters - Coarse 90% (G4), optionally ePM1 65% (F7)
- Enthalpy rotary heat exchanger available
- Compact casing
- No condensation drain is needed

Air flow:
up to 890 m³/h
247 l/s

Heat recovery efficiency:
up to 87 %

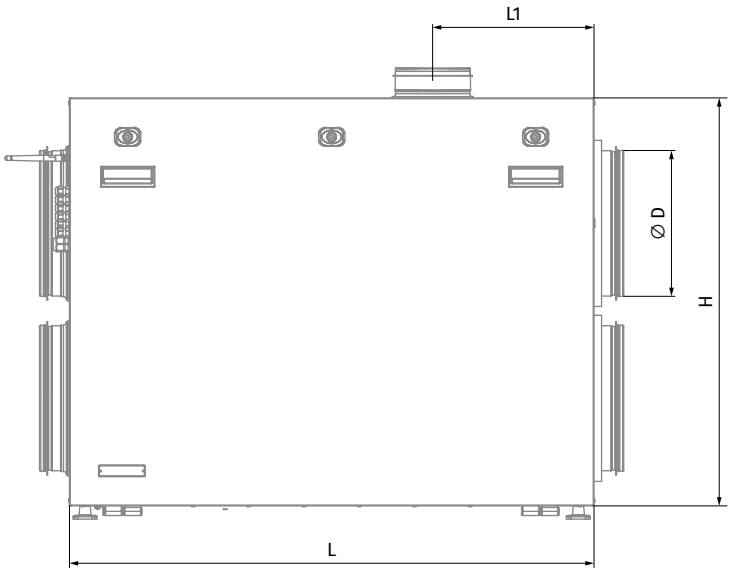
Design

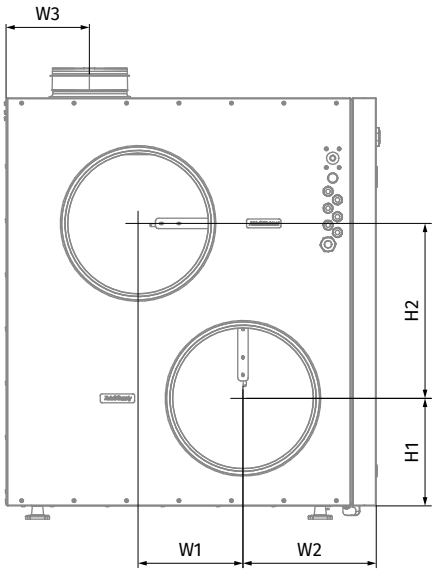
Komfort Roto EC L ... L **Komfort Roto EC L ... R**

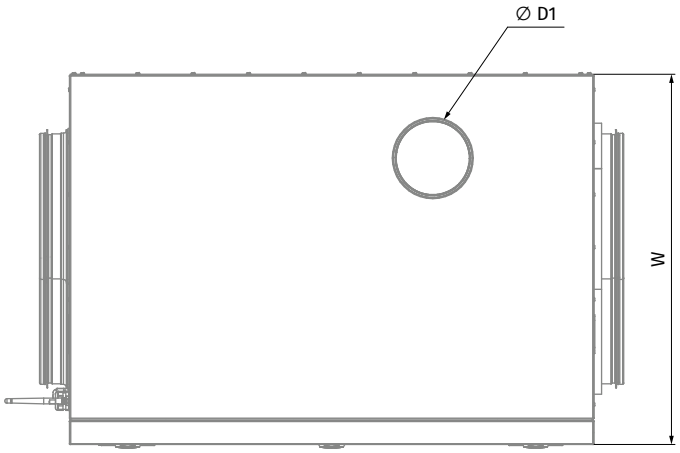


Dimensions [mm]

Ø D	Ø D1	H	H1	H2	L	L1	W	W1	W2	W3
250	125	700	185	300	900	277	635	180	229	143



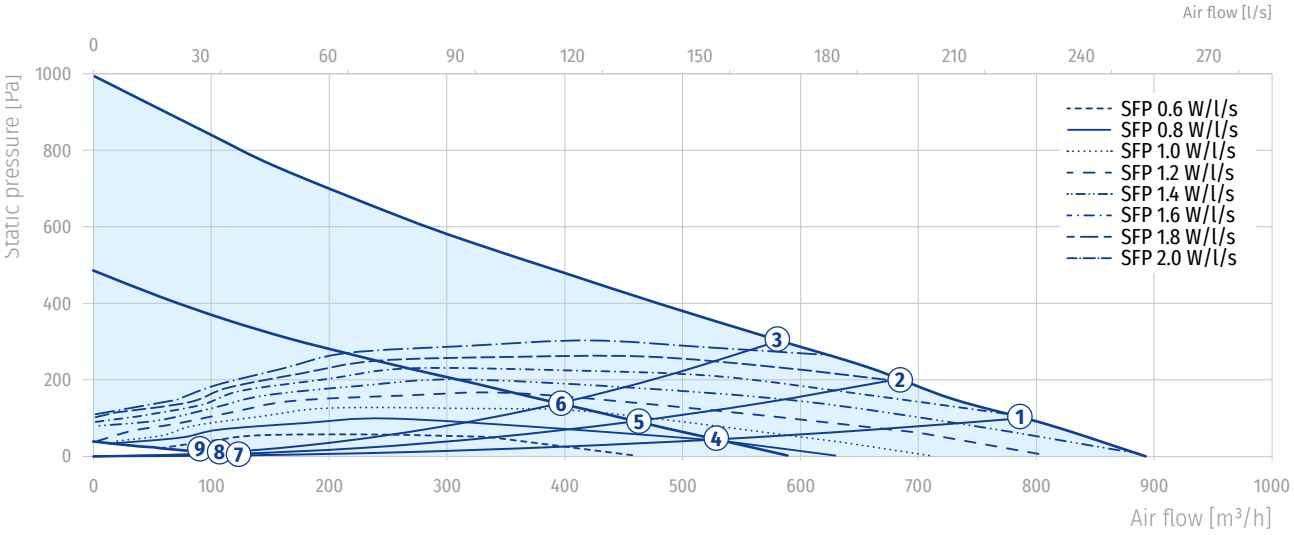




Technical data

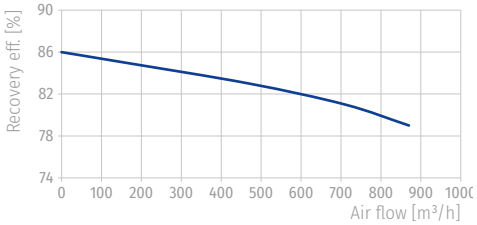
Parameters	Komfort Roto EC L 701	Komfort Roto EC L 701-E	Komfort Roto EC LE 701	Komfort Roto EC LE 701-E
Voltage [V / 50-60 Hz]	230	230	230	230
Max. unit power without electric heater [W]	377	377	377	377
Integrated electric heater power [W]	-	-	2000	2000
Max. unit power [W]	377	377	2377	2377
Max. unit current without electric heater [A]	2.7	2.7	2.7	2.7
Integrated electric heater current [A]	-	-	8.9	8.9
Max. unit current [A]	2.7	2.7	11.6	11.6
Max air flow [m³/h]	893	893	893	893
Sound pressure level at 3 m distance* [dBA]	31	31	31	31
Transported air temperature [°C]	- 25...+40	- 25...+40	- 25...+40	- 25...+40
Case material	painted steel	painted steel	painted steel	painted steel
Insulation [mm]	40	40	40	40
Extract filter	G4 / Coarse > 60%	G4 / Coarse > 60%	G4 / Coarse > 60%	G4 / Coarse > 60%
Supply filters	G4 / Coarse > 60% (option F7 / ePM1 60%)	G4 / Coarse > 60% (option F7 / ePM1 60%)	G4 / Coarse > 60% (option F7 / ePM1 60%)	G4 / Coarse > 60% (option F7 / ePM1 60%)
Connected air duct diameter [mm]	250	250	250	250
Weight [kg]	87	89	87	89
Heat recovery efficiency [%]	86	84	86	84
Heat exchanger type	condensing	enthalpy	condensing	enthalpy
SEC class	A+	A	A+	A

* Sound pressure level at 3 m distance is specified at point 4

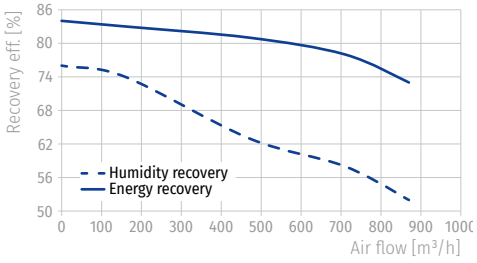


Sound power level, A-weighted	Total	Octave frequency band [Hz]								LpA 3 m	LpA 1 m
		63	125	250	500	1000	2000	4000	8000		
Point 1											
LwA to supply inlet [dBA]	70	53	56	56	68	58	58	55	51		
LwA to supply outlet [dBA]	81	62	65	65	80	68	68	65	60		
LwA to exhaust inlet [dBA]	67	53	55	59	63	61	60	54	49		
LwA to exhaust outlet [dBA]	77	61	64	67	73	70	69	62	57		
LwA to environment [dBA]	59	39	42	49	54	52	54	48	44	39	48
Point 4											
LwA to supply inlet [dBA]	64	44	47	50	48	49	50	47	40		
LwA to supply outlet [dBA]	66	53	56	60	58	59	61	57	48		
LwA to exhaust inlet [dBA]	60	42	46	55	53	53	53	48	37		
LwA to exhaust outlet [dBA]	68	49	53	64	61	61	61	55	43		
LwA to environment [dBA]	52	39	43	45	41	44	47	40	33	31	41

Komfort Roto EC L



Komfort Roto EC L-E



Accessories

		Komfort Roto EC L 701	Komfort Roto EC LE 701
G4 panel filter		SF 547 x 280 x 48 Coarse 90% G4	SF 547 x 280 x 48 Coarse 90% G4
F7 panel filter		SF 547 x 280 x 48 ePM1 60% F7	SF 547 x 280 x 48 ePM1 60% F7
LCD control panel		S25	S25
Control panel		S22	S22
Wireless control panel		S22 Wi-Fi	S22 Wi-Fi
Internal humidity sensor		FS2	FS2
Internal CO_2 sensor		CD-3	CD-3
External CO_2 sensor with indication		CD-1	CD-1
External humidity sensor		HR-S	HR-S
Silencer		SD 250	SD 250
Air damper		VKA 250	VKA 250
Electric actuator		TF 230	TF 230

Control system

All functions in your smartphone

- Komfort Roto – it's not just ventilation, it's a real climate station in your home. Control all functions and parameters via the mobile app.
- AND EVEN MORE. Just say «Hello Google» and test, control and run Komfort Roto in English, German, Swedish, Norwegian, Danish, Polish, Dutch, French, Spanish*.

* Important: The feature availability could depend on your country, region and language. Check it for your speaker/smartphone or ask its manufacturer.



Download the Blauberg Home app for Android

Download the Blauberg Home app for iOS

works with Hey Google

Control panels



S22 control panel

Unit control via a wired remote control panel



S22 Wi-Fi control panel

Unit control via a wireless remote control panel



S25 control panel

Unit control via a remote wired LCD control panel

Control 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)	MODBUS (RTU, TCP)
Blauberg Cloud Server service	+
Alarm indication	+
Week-scheduled operation	+
Timer	+
Boost mode	+
Fireplace mode	+
Minimum supply air temperature control	+
Humidity control	option
CO_2 control	option
Fire alarm sensor connection	option

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