

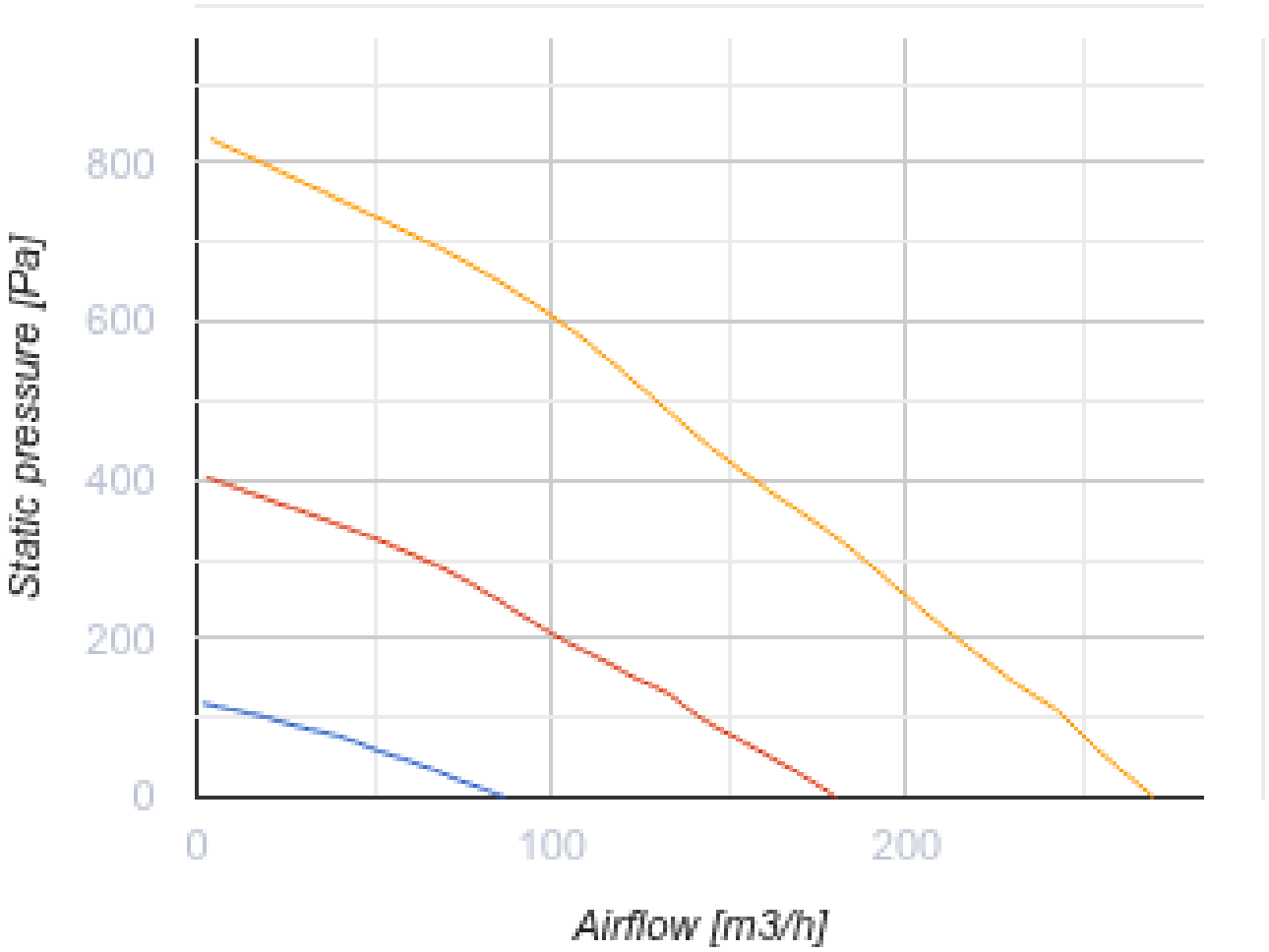
KOMFORT Roto EC SK 202 R S21

Air handling units with rotary heat exchanger

- Sound pressure level LpA at 3 m: 33
- Heat exchanger type: Rotary
- Heat exchanger material: Aluminum
- Supply filter: G4 (F7 optional)
- Extract filter: G4
- Sound-insulated casing
- Bypass: Auto
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

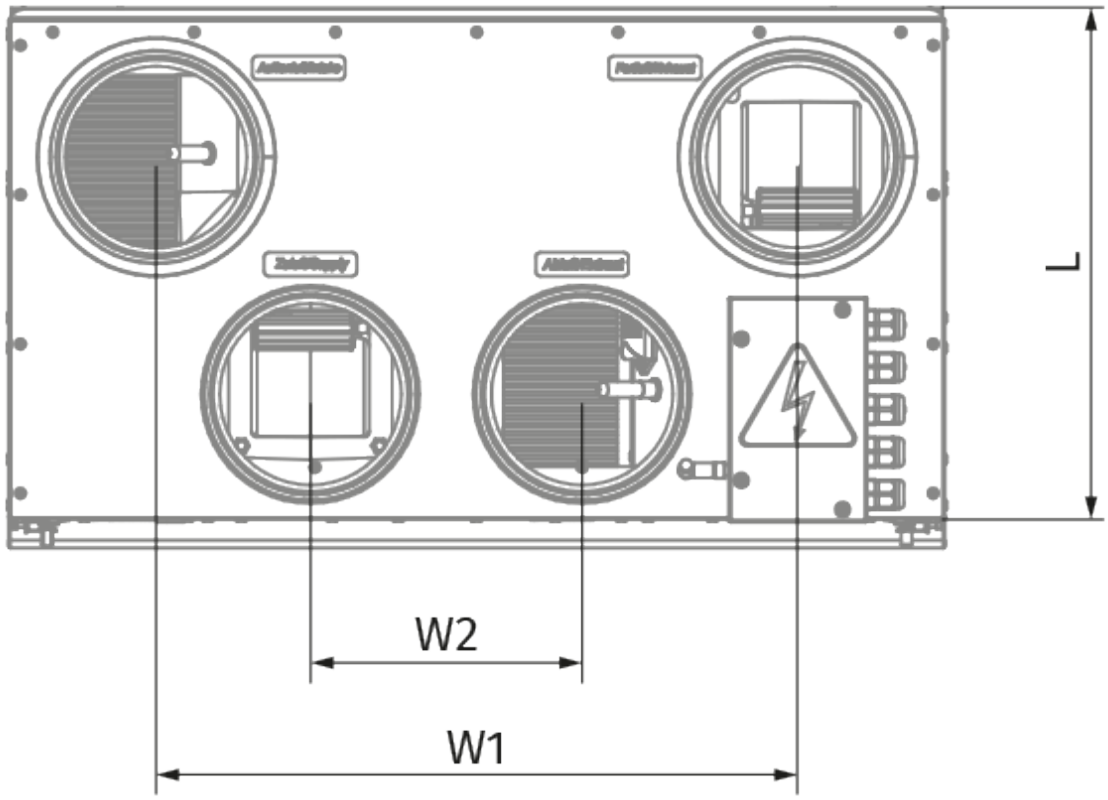
	Unit of measurement	KOMFORT Roto EC SK 202 R S21
Connected air duct size	mm	125
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	171
Unit current	A	1.31
Maximum airflow	m³/h	270
Sound pressure level LpA at 3 m	dB(A)	33
Heat recovery efficiency, max	%	93
Heat exchanger type	-	Rotary
Heat exchanger material	-	Aluminum
Weight	kg	52
Supply filter	-	G4 (F7 optional)
Extract filter	-	G4
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IP22
Ambient air humidity max	%	60

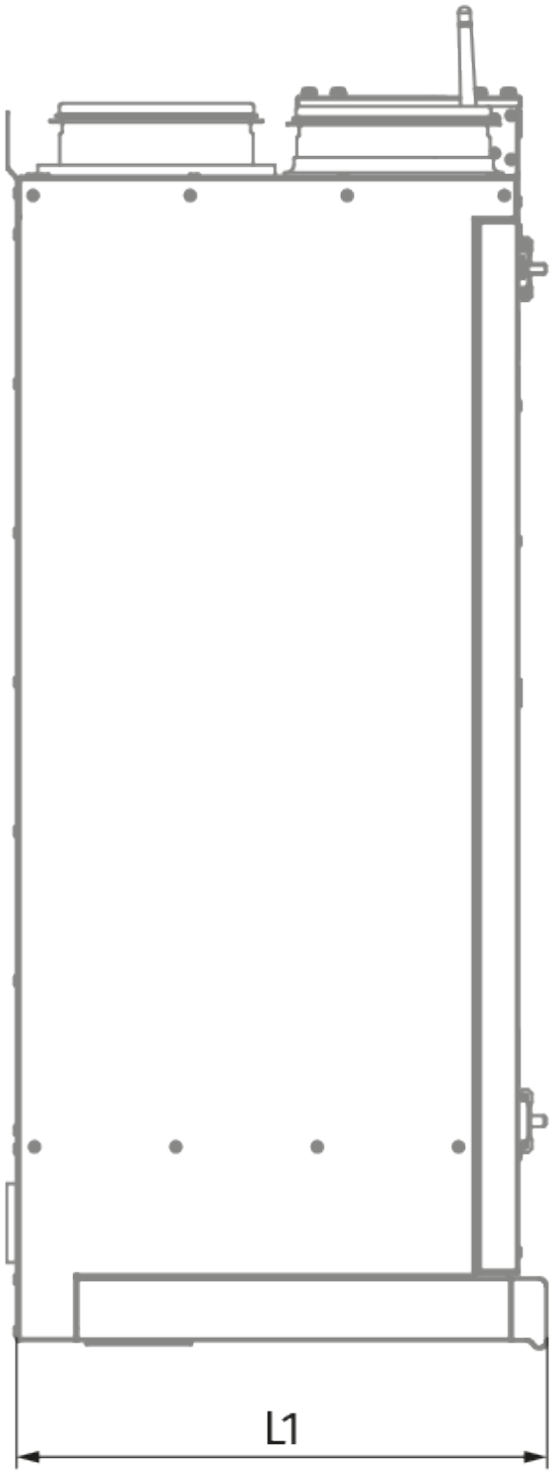
Ingress protection rating of the drive	-	IP44

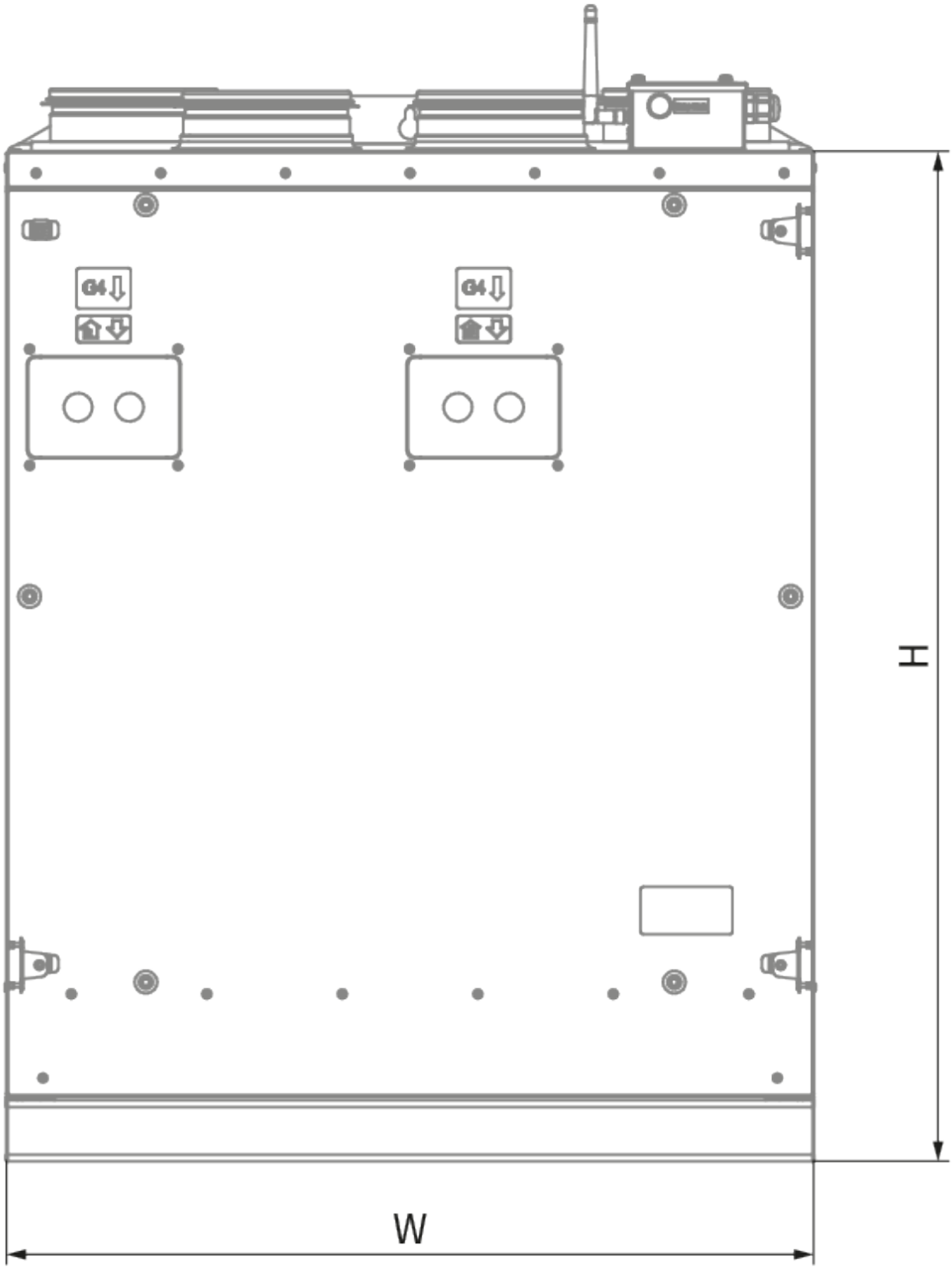


Dimensions

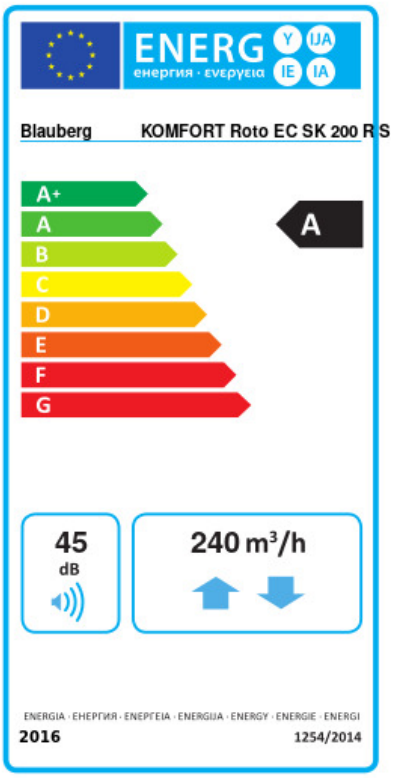
H	L	L1	W	W1	W2
746	326	338	596	408	173


L
W2
W1


L1


G4
G4
H
W

Ecodesign



Trademark	Blauberg					
Model	KOMFORT Roto EC SK 202 R S21					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-85.6	A+	-41.1	A	-15.6	E
Type of ventilation unit	Bidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	Regenerative					
Thermal efficiency of heat recovery (%)	88					
Maximum flow rate (m³/h)	240					
Electric power input (W)	170					
Reference flow rate (m³/s)	0.047					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.411					
Control typology	Local demand control					
Maximum internal leakage rates (%)	3.3					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU BVU					
Sound power level (dB(A))	45					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	217		869		217	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	9100		4652		2104	

Accessories

For round ducts

Name	Photo	Description
SD 125/600		Silencers for round ducts
SD 125/900		Silencers for round ducts

SD 125/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
VKA 125		Air dampers for round ducts

Control Panels

Name	Photo	Description
S25		LCD control panel
S22		Control panels
S22 Wi-Fi		Control panels

CO2 sensors

Name	Photo	Description
CD-1		CO2 sensors

Electric actuators

Name	Photo	Description
Belimo TF230		Electric actuators

Other accessories

Name	Photo	Description
EP-Roto EC SKE 200 Hi-tech		Decorative panel
FP 261x86x48 ePM1 60% F7		F7 panel filter

FP 261x86x48 Coarse 90% G4		G4 panel filter