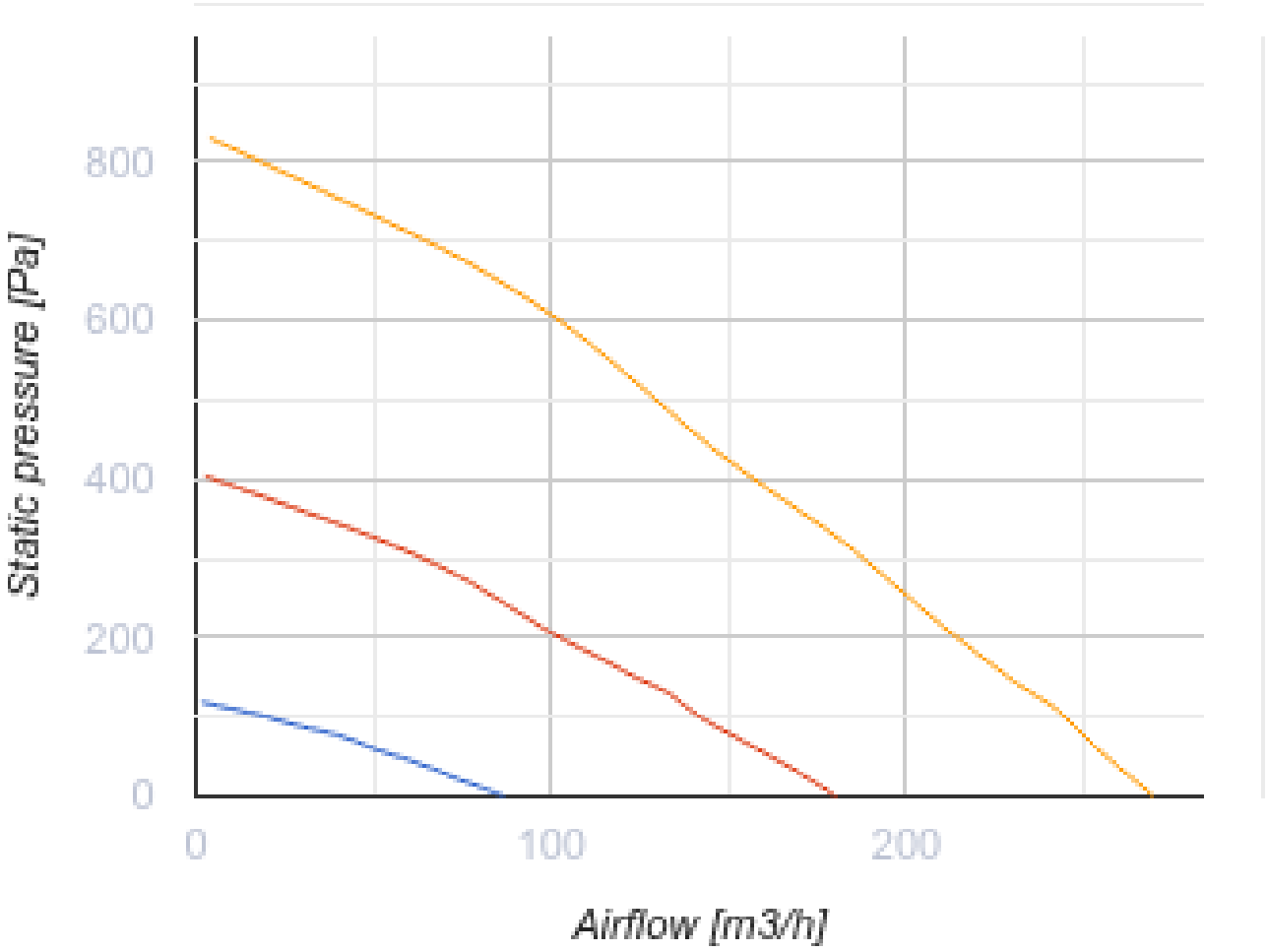


KOMFORT Roto EC SKS 202 R S21

Air handling units with rotary heat exchanger

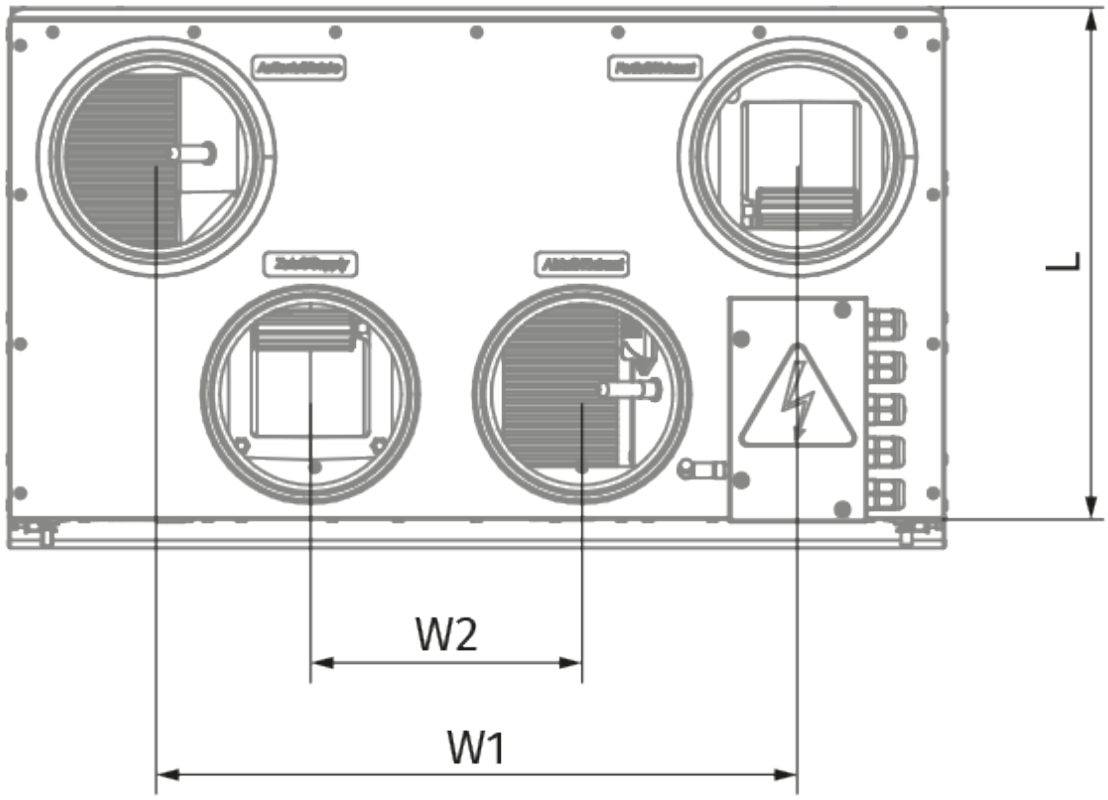
- Heat exchanger type: Rotary
- Heat exchanger material: Aluminum
- Sound-insulated casing
- Bypass: Auto
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

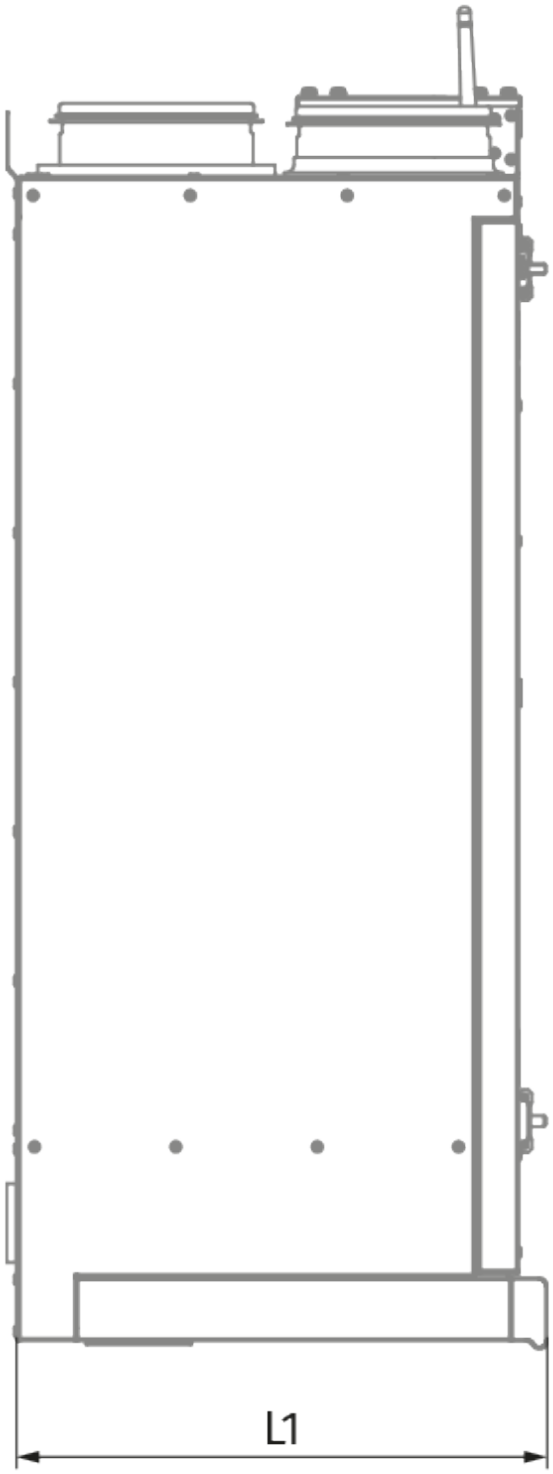
	Unit of measurement	KOMFORT Roto EC SKS 202 R S21
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Maximum airflow	m³/h	270
Heat recovery efficiency, max	%	93
Heat exchanger type	-	Rotary
Heat exchanger material	-	Aluminum
Weight	kg	52
Transported air 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

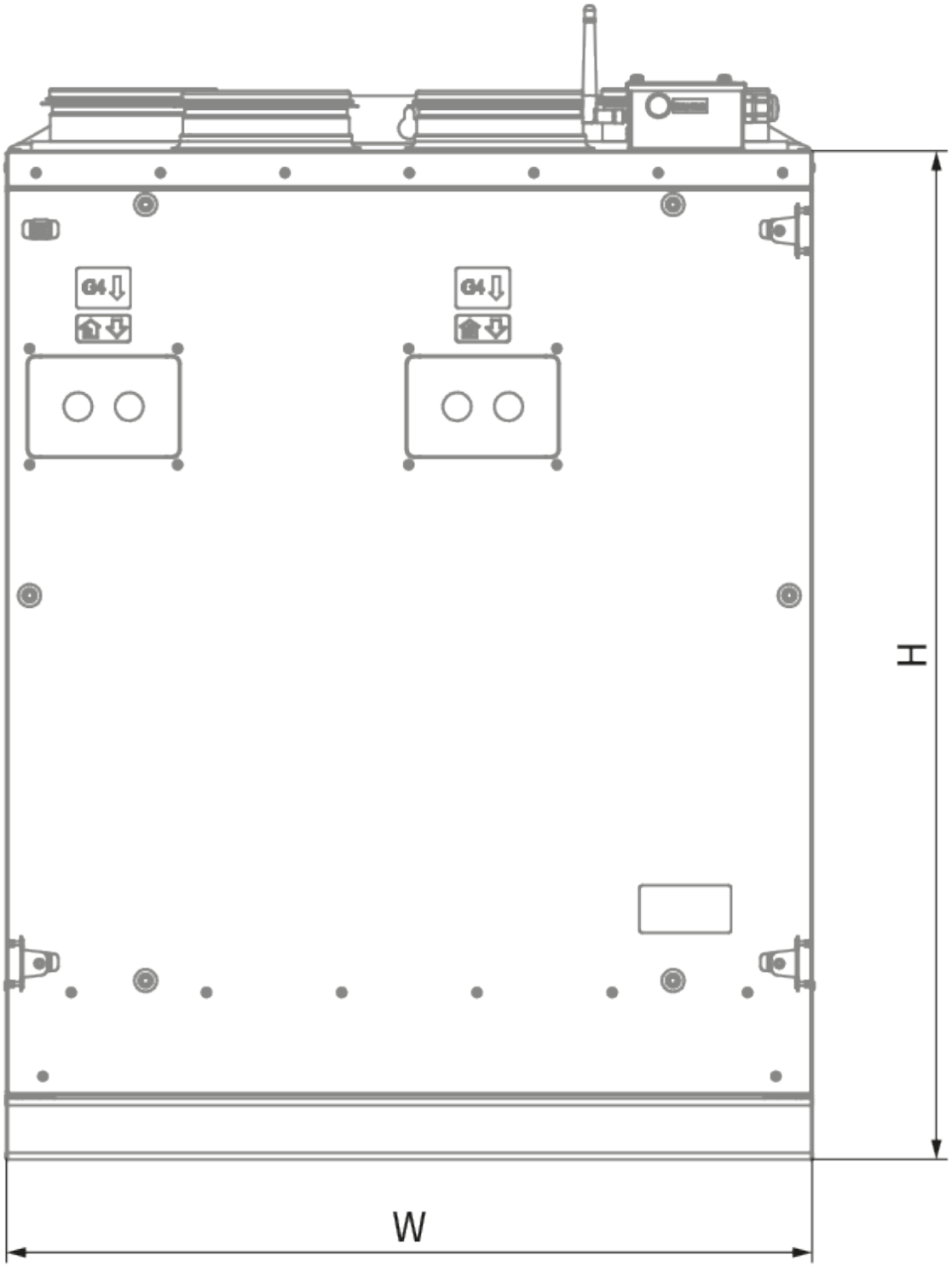


Dimensions

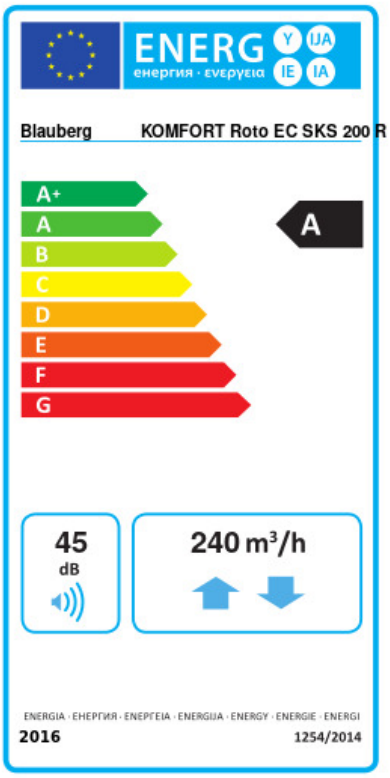
H	L	L1	W	W1	W2
746	326	338	596	408	173


L
W2
W1


L1


G4
G4
H
W

Ecodesign



Trademark	Blauberg					
Model	KOMFORT Roto EC SKS 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

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