

KOMFORT Roto EC DE 651-E R S21

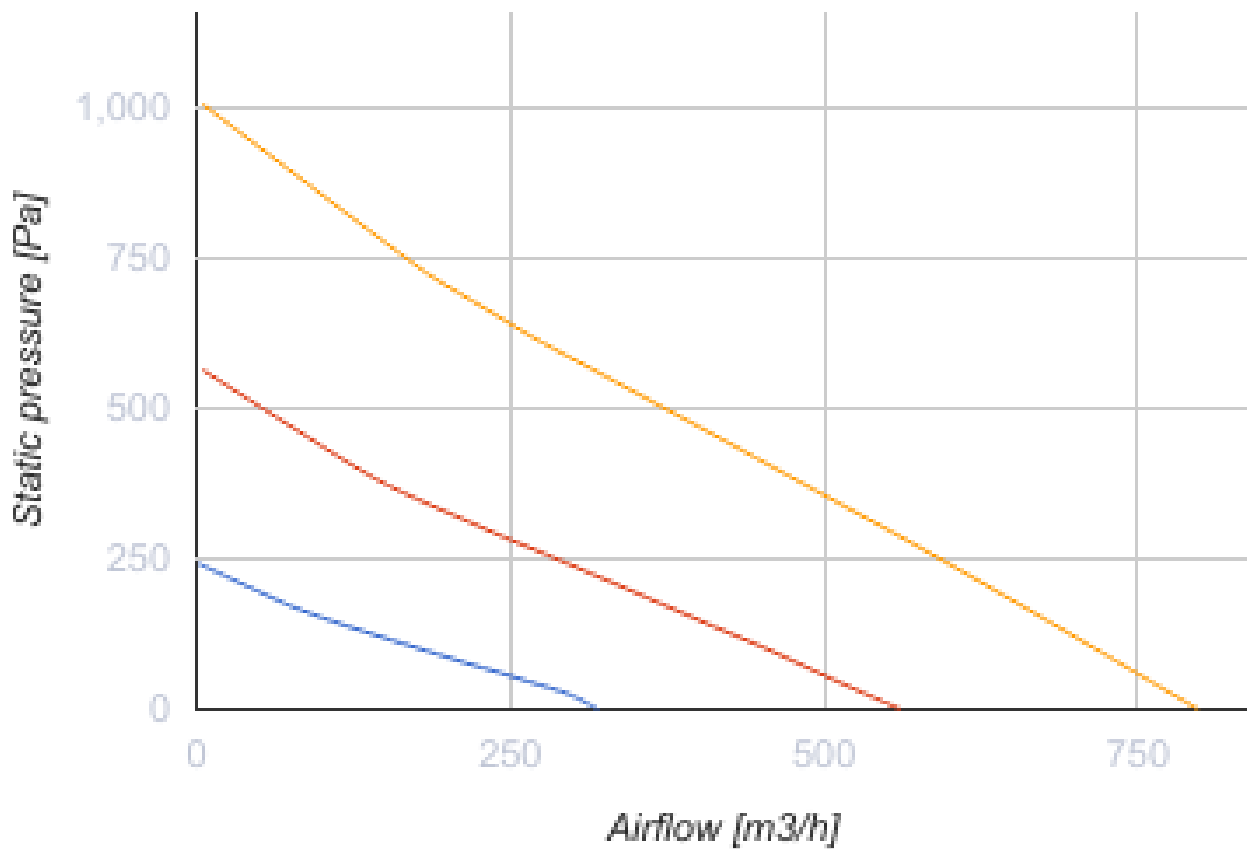
Air handling units with rotary heat exchanger



- Power of electrical reheater: 1400
- Maximum airflow: 798
- Sound pressure level LpA at 3 m: 31
- Heat exchanger type: Sorption rotary
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

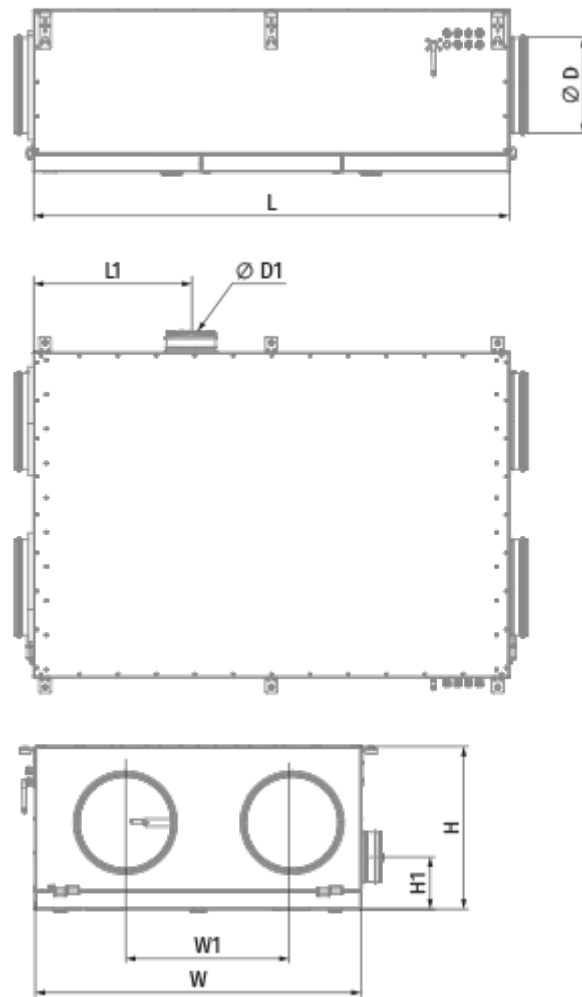
	Unit of measurement	KOMFORT Roto EC DE 651-E R S21
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	377
Power of electrical reheater	W	1400
Unit current	A	8.79
Maximum airflow	m ³ /h	798
Sound pressure level LpA at 3 m	dB(A)	31
Heat recovery efficiency, max	%	84
Heat exchanger type	-	Sorption rotary
Weight	kg	104
Extract filter	-	G4 / Coarse > 60%
Supply filter	-	G4 / Coarse > 60% (option F7 / ePM1 60%)

Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ambient air humidity max	%	60
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44






Dimensions

Ø D	Ø D1	H	H1	L	L1	W	W1
250	125	425	136	850	410	850	435



Accessories

Control Panels

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

Humidity sensors




Name	Photo	Description
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FS2		Humidity sensor
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CO2 sensors

Name	Photo	Description
CD-3		
CD-1		CO2 sensors

For round ducts

Name	Photo	Description
SD 250/600		Silencers for round ducts
SD 250/900		Silencers for round ducts
SD 250/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
VKA 250		Air dampers for round ducts

Electric actuators

Name	Photo	Description
Belimo TF230		Electric actuators