



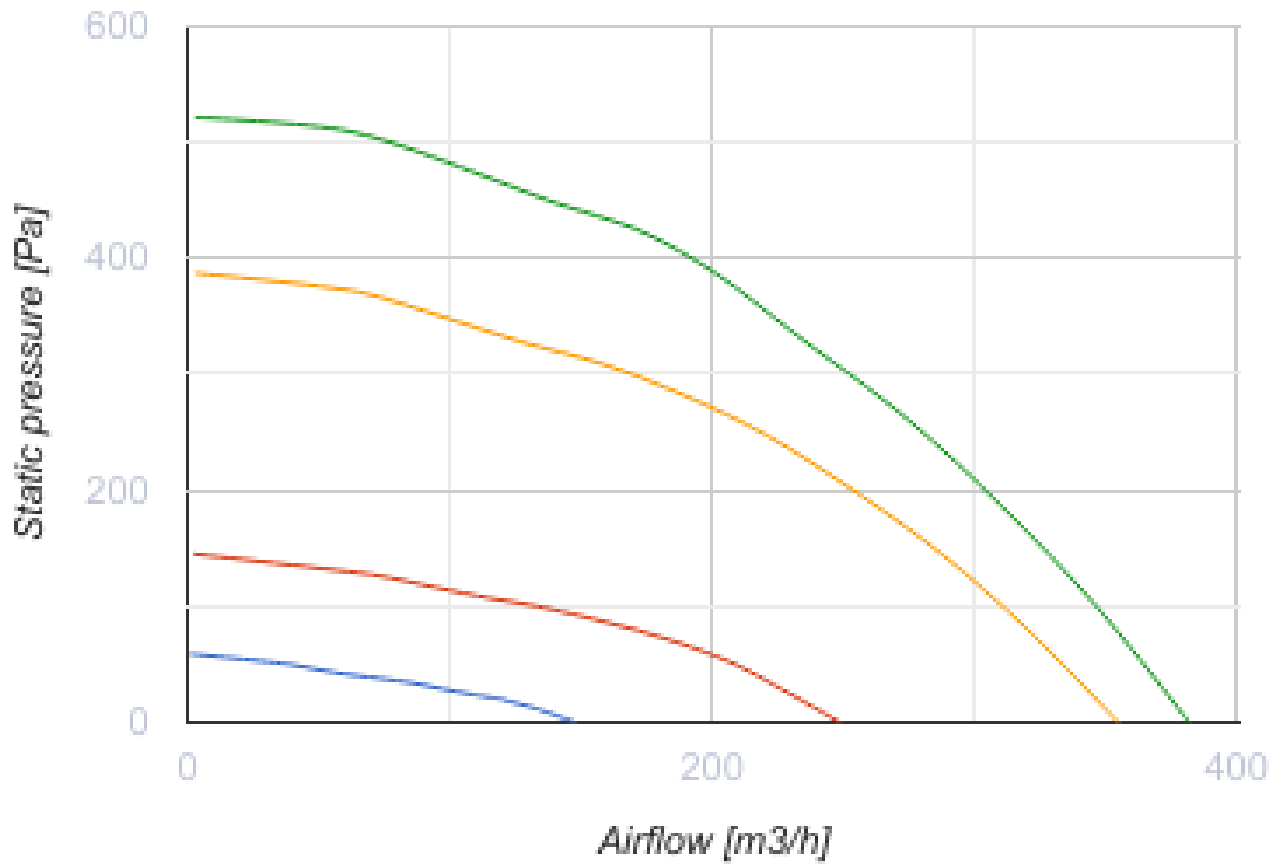
KOMFORT Roto EC S 281-E R S21

Air handling units with rotary heat exchanger

- Maximum airflow: 382
- Sound pressure level LpA at 3 m: 26
- Heat exchanger type: Sorption rotary
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- 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 S 281-E R S21
Connected air duct size	mm	160
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	179
Unit current	A	1.34
Maximum airflow	m ³ /h	382
Sound pressure level LpA at 3 m	dB(A)	26
Heat recovery efficiency, max	%	86
Heat exchanger type	-	Sorption rotary
Weight	kg	57
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
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Dimensions

H	W	L	H1	W1	L1	D
588	598	515	638	397	209	160




Accessories

Control Panels

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

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor


CO2 sensors

Name	Photo	Description
CD-3		
CD-1		CO2 sensors

Electric actuators




Name	Photo	Description
Belimo TF230		Electric actuators

For round ducts

Name	Photo	Description
VKA 160		Air dampers for round ducts

For round ducts

Name	Photo	Description
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SD 160/1200		Silencers for round ducts
SD 160/900		Silencers for round ducts
SD 160/600		Silencers for round ducts