

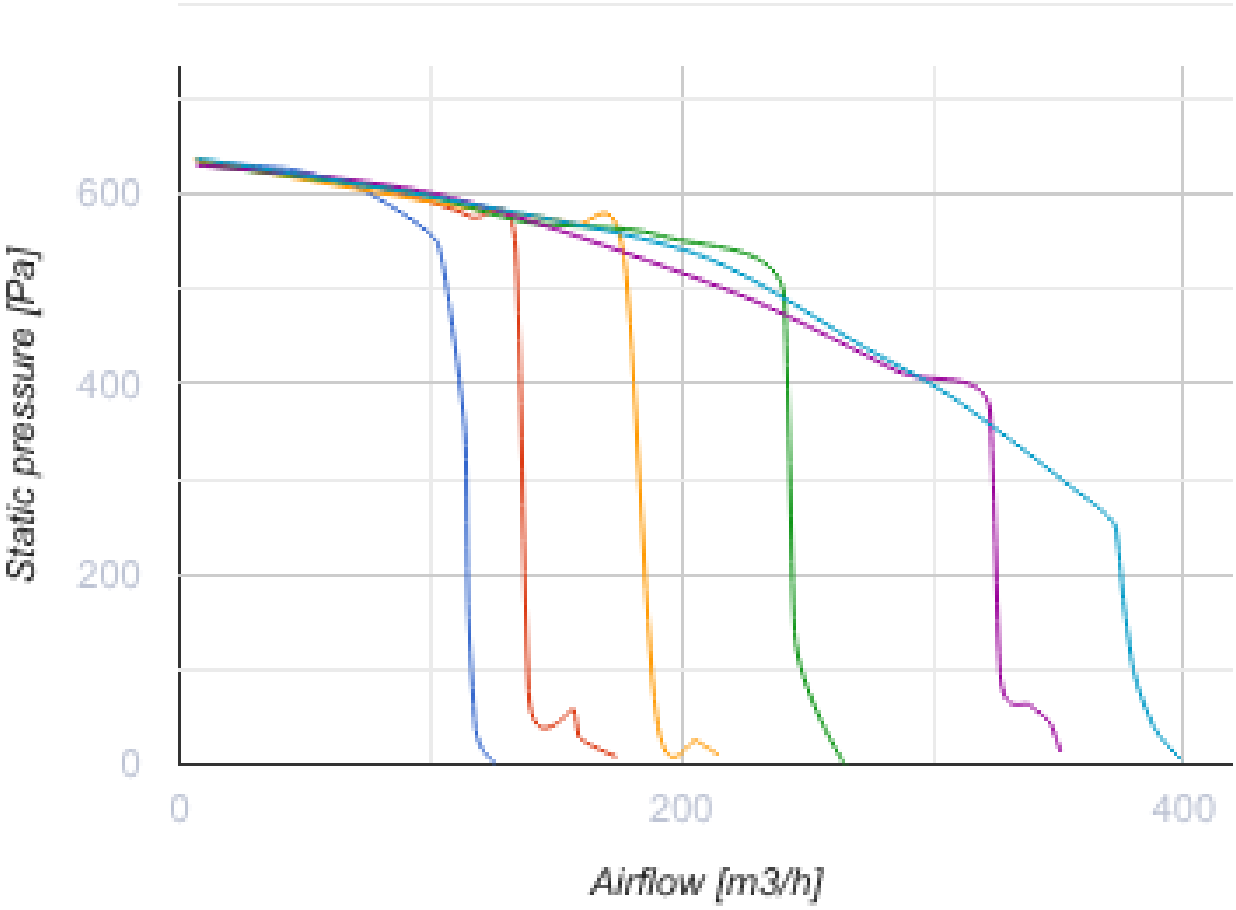
Reneo SE 381 R S21 CF

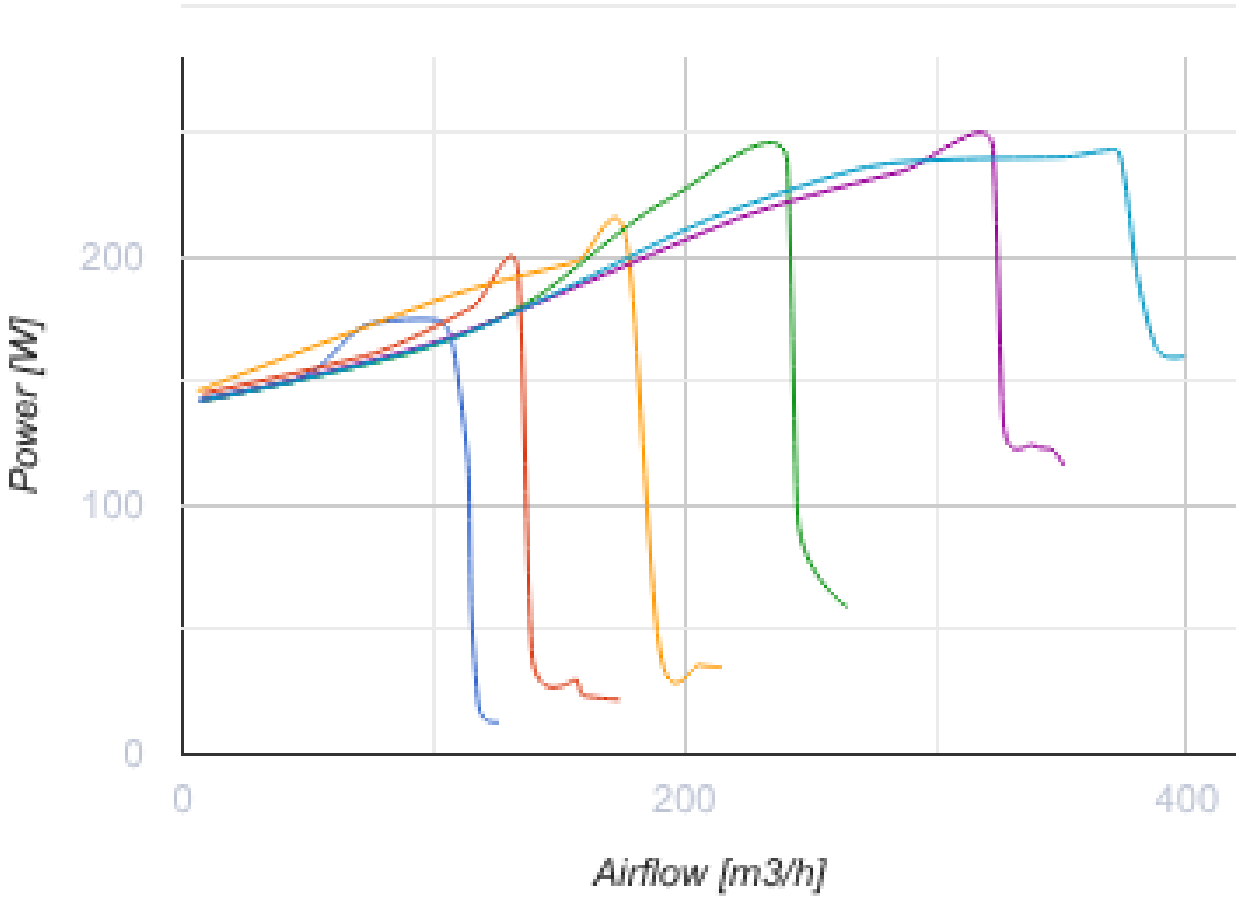
Heat and energy recovery air handling units

- Power of electrical preheater: 1050
- Sound pressure level LpA at 3 m: 26
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: Coarse > 60 % (option: ePM1 60 %)
- Extract filter: Coarse > 60 %
- Sound-insulated casing
- Bypass: Auto
- Reheater: Optional
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

	Unit of measurement	Reneo SE 381 R S21 CF
Connected air duct size	mm	160
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	247
Power of electrical preheater	W	1050
Unit current	A	5.35
Maximum airflow	m³/h	390
Sound pressure level LpA at 3 m	dB(A)	26
Heat recovery efficiency, max	%	93
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	26
Supply filter	-	Coarse > 60 % (option: ePM1 60 %)
Extract filter	-	Coarse > 60 %
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature max	°C	40
Ambient air temperature min	°C	1

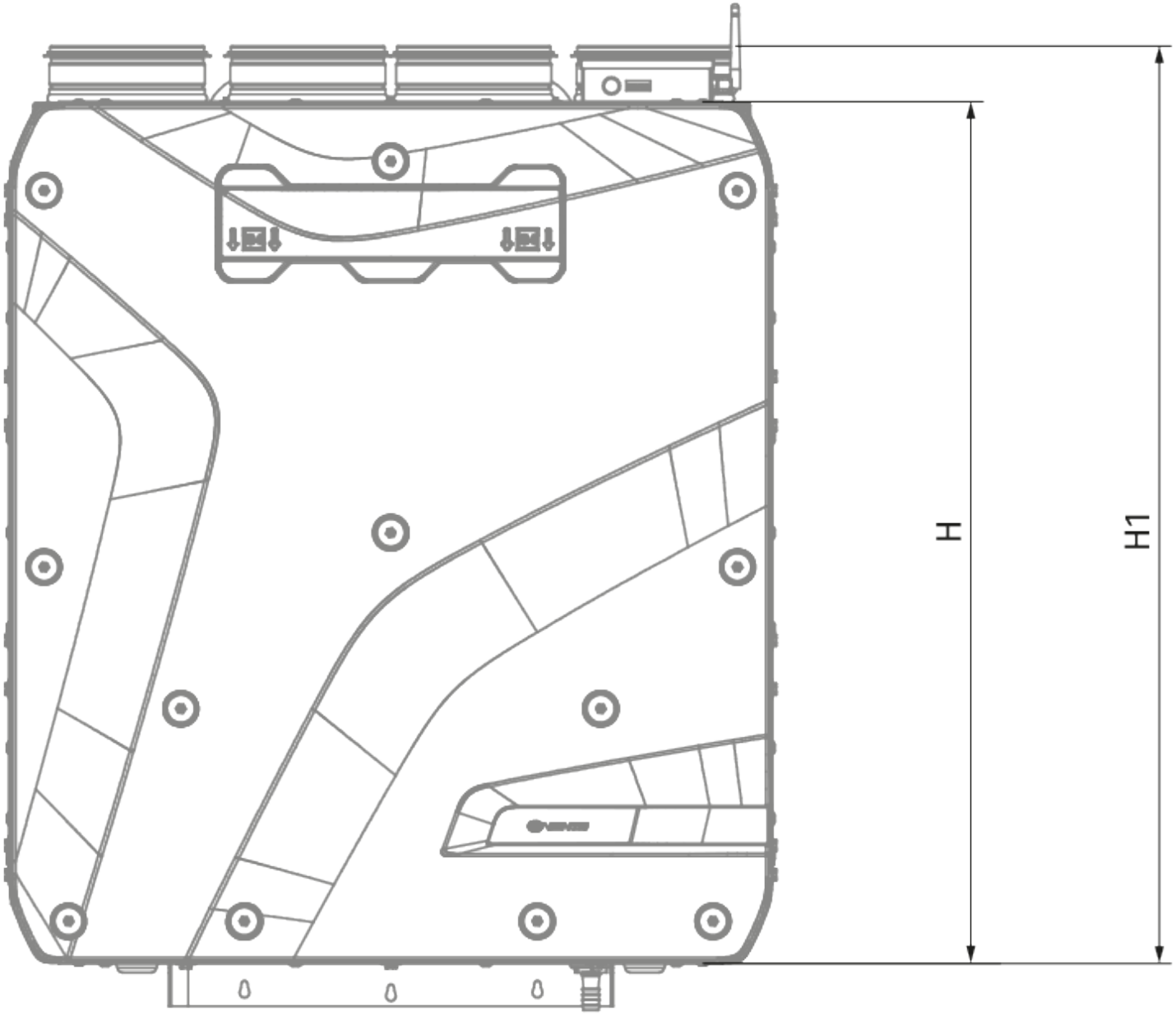
Ingress protection rating	-	IP22
Ambient air humidity max	%	60
Ingress protection rating of the drive	-	IP44

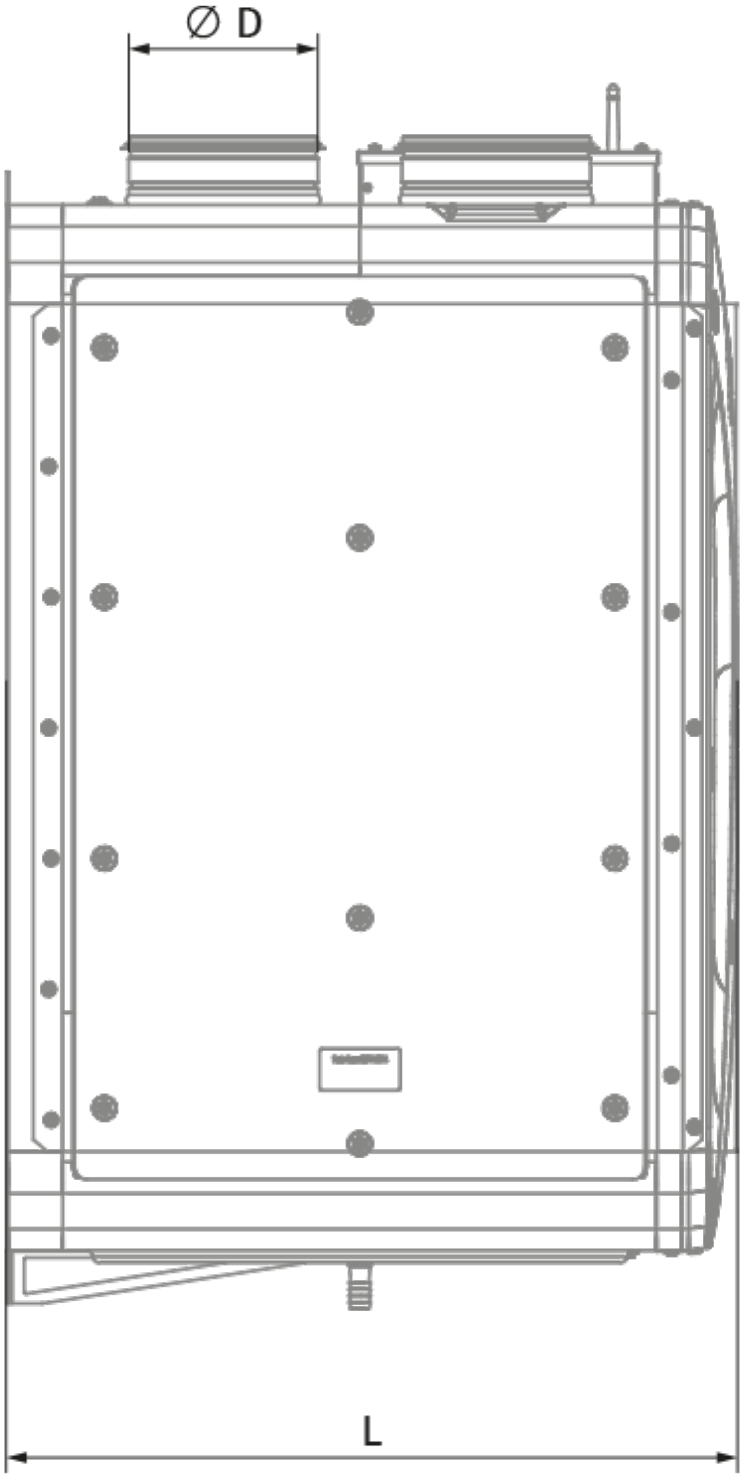


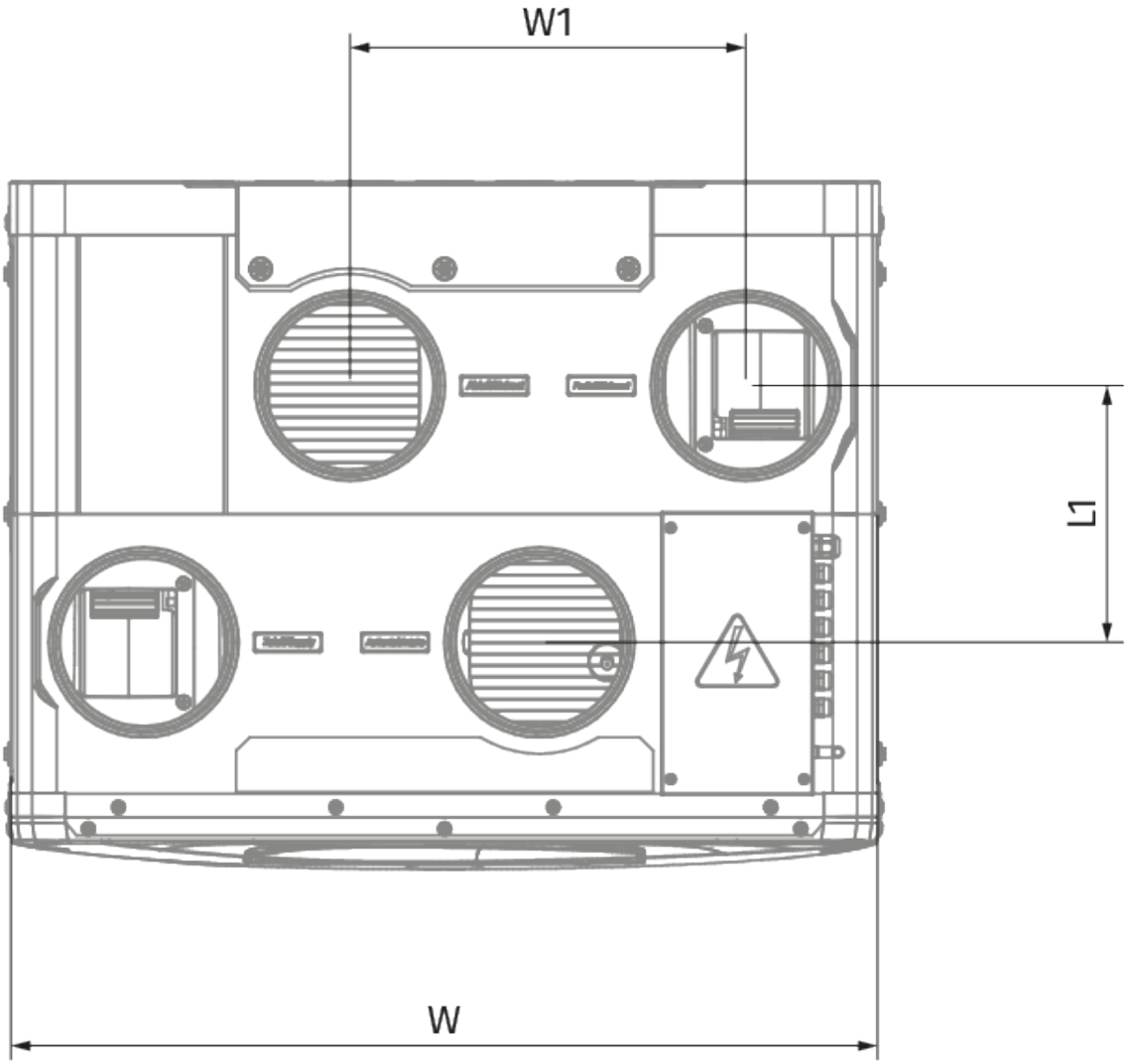


Dimensions

Ø D	H	H1	L	L1	W	W1
160	880	939	616	230	770	355


H
H1


∅ D
L



Accessories

Condensation drainage

Name	Photo	Description

SFK 20x32		Hydraulic syphon for condensate drainage

For round ducts

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

For round ducts

Name	Photo	Description
VKA 160		Air dampers for round ducts

Heaters

Name	Photo	Description
ENH 160-0.8-1 S21 V.2		Duct heater for supply air reheating
ENH 160-1.2-1 S21 V.2		Duct heater for supply air reheating
ENH 160-1.7-1 S21 V.2		Duct heater for supply air reheating
ENH 160-2.0-1 S21 V.2		Duct heater for supply air reheating

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
CD-2		CO2 sensors
CD-3		Carbon dioxide sensor

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Other accessories

Name	Photo	Description
FP 496x150x60 ePM1 60 % (F7)		F7 panel filter
FP 496x150x60 Coarse 90 % (G4)		G4 panel filter
EP-Reneo S 351		Decorative panel

Electric actuators

Name	Photo	Description
Belimo TF230		Electric actuators