

VUER 281 VE EC L A21

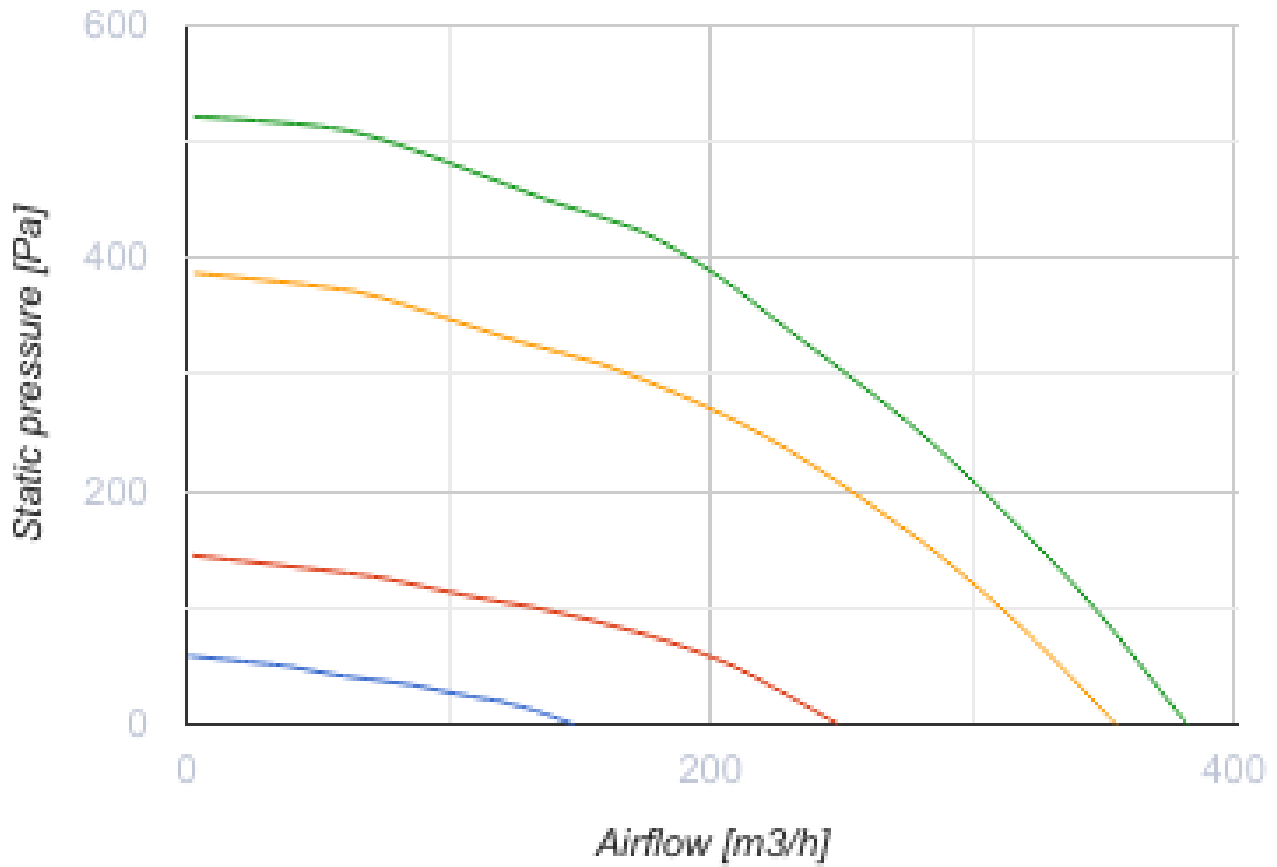


Vertical air handling units with a sorption rotary heat exchanger

- Power of electrical reheater: 1200
- 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
- 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

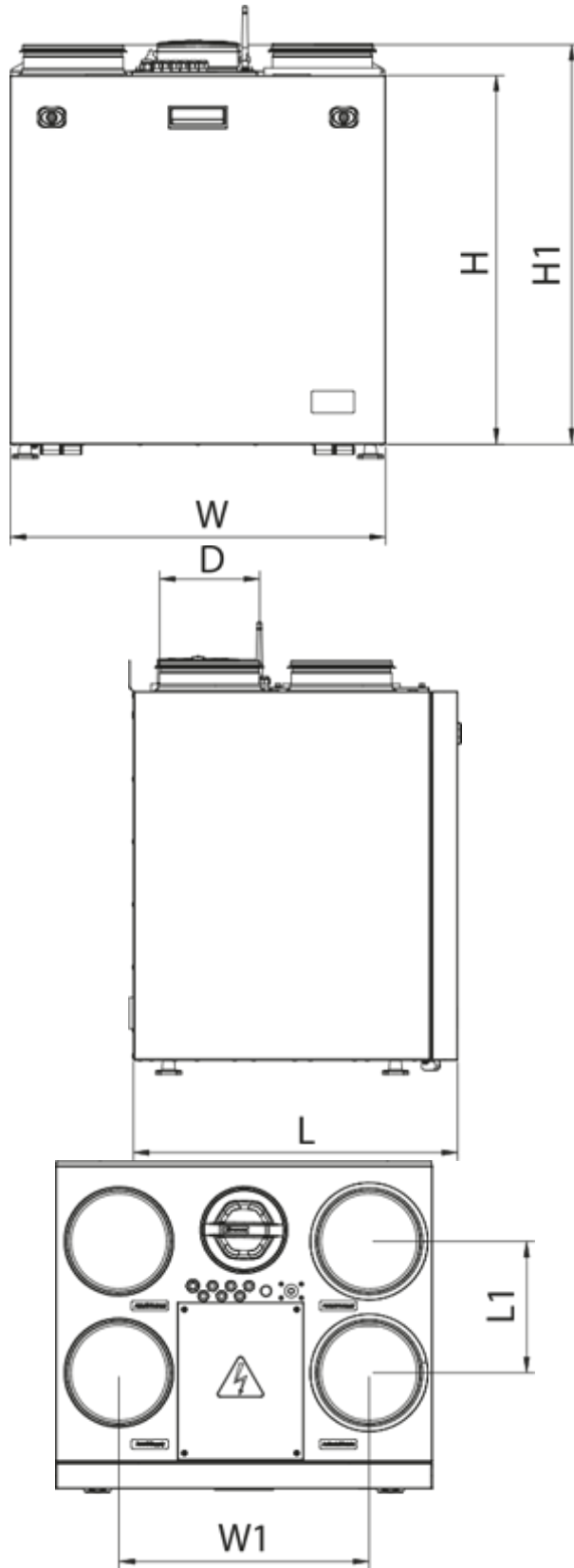
	Unit of measurement	VUER 281 VE EC L A21
Connected air duct size	mm	160
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	179
Power of electrical reheater	W	1200
Unit current	A	6.66
Maximum airflow	m ³ /h	382
Sound pressure level 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



Dimensions


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






Accessories

Other accessories





Name	Photo	Description
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SF 428 x 220 x 40 Coarse 90% G4		Panel filter G4
SF 428 x 220 x 40 ePM1 60% F7		F7 panel filter



Control Panels for AHU


Name	Photo	Description
A25		Touch screen control panel for controlling industrial and residential air handling units
A22		Control panels for controlling industrial and residential air handling units
A22 WiFi		Control panels for controlling industrial and residential air handling units

Sensors

Name	Photo	Description
HV2		Humidity sensor
CO2-3		CO2 sensor
CO2-1		CO2 sensors
HR-S		Electro-mechanical humidistat

For round ducts


Name	Photo	Description
SR 160/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 160/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

SR 160/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
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For round ducts

Name	Photo	Description
KRV 160		Air dampers for automatic air flow control in round ducts

Electric actuators

Name	Photo	Description
Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m ² performing protection functions