

VUER 281 VE EC R A21

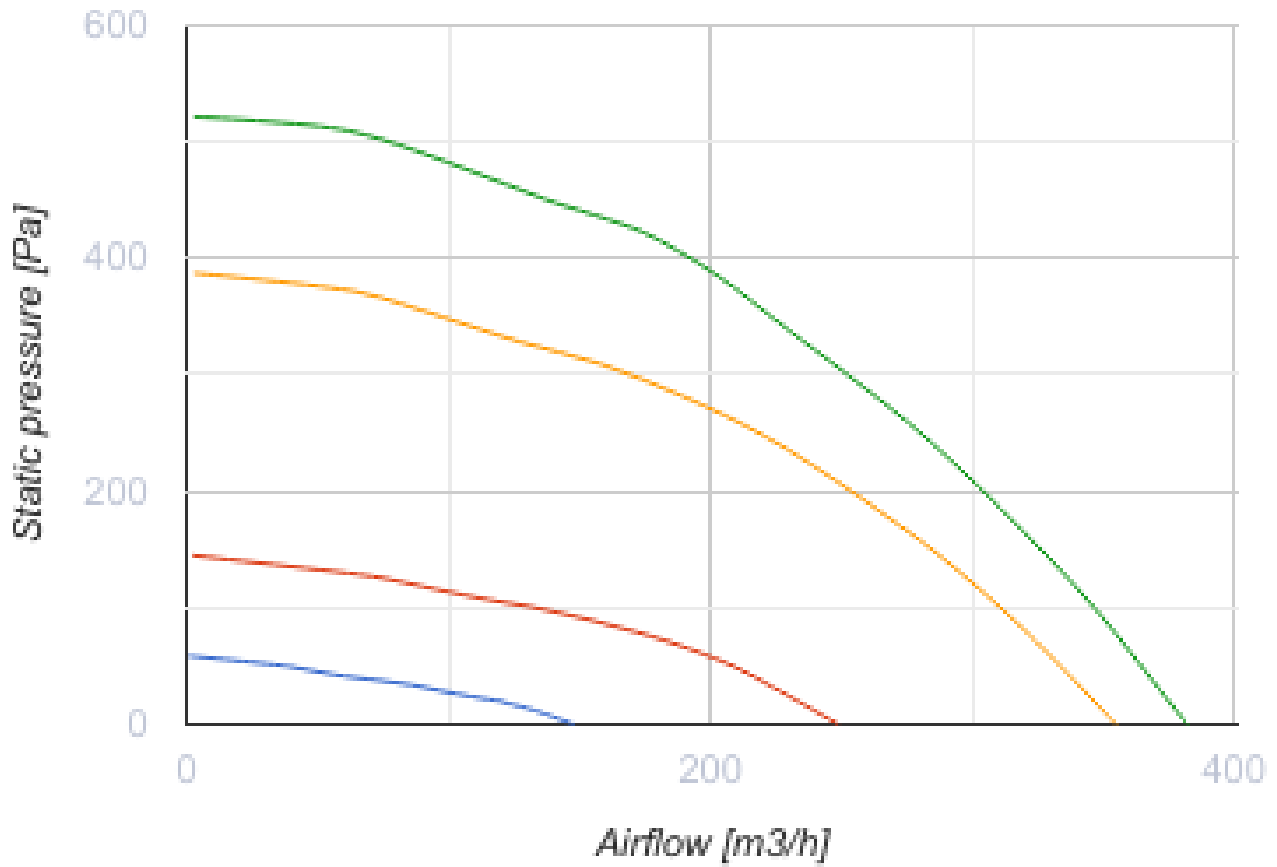


Air handling units in heat- and sound-insulated casing

- 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 R 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		The control panel with a sensor display
A22		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.
A22 WiFi		The A22/A22 WiFi control panels are used for control of industrial and domestic air handling units with an A21 automation system.

Sensors

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

For round ducts


Name	Photo	Description
SR 160/600		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
SR 160/900		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems

SR 160/1200		Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems
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For round ducts

Name	Photo	Description
KRV 160		Air damper for air flow cut-off in round air 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