

# VUER 401 VE EC R A21

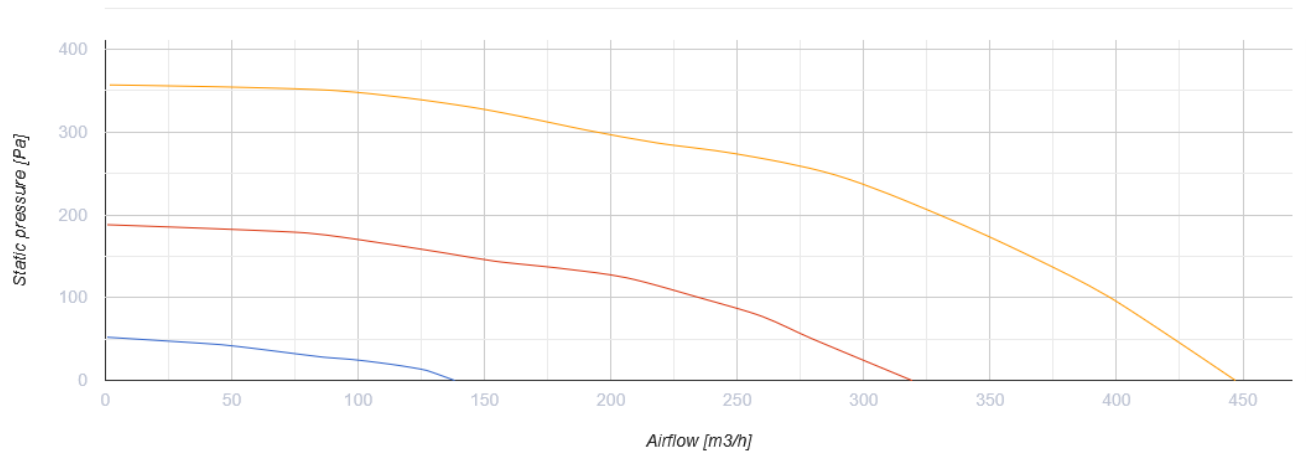


Vertical air handling units with a sorption rotary heat exchanger

- Power of electrical reheater: 1200
- Maximum airflow: 447
- Sound pressure level LpA at 3 m: 28
- 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

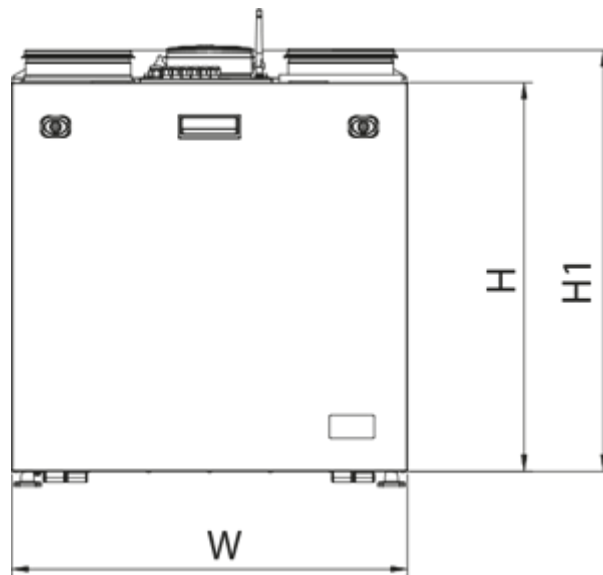
	Unit of measurement	VUER 401 VE EC R A21
Connected air duct size	mm	160
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	257
Power of electrical reheater	W	1200
Unit current	A	7.08
Maximum airflow	m <sup>3</sup> /h	447
Sound pressure level LpA at 3 m	dB(A)	28
Heat recovery efficiency, max	%	85
Heat exchanger type	-	Sorption rotary
Weight	kg	58
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

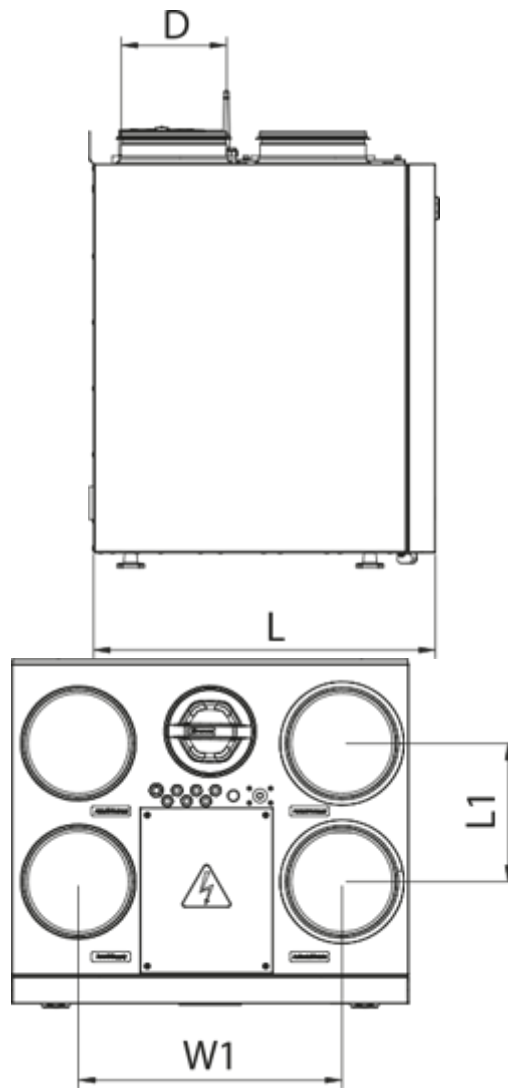
Ambient air temperature max	°C	40
Ambient air humidity max	%	60
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44



## Dimensions



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








## Accessories

### Other accessories





Name	Photo	Description
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
<a href="#">A25</a>		Touch screen control panel for controlling industrial and residential air handling units

<a href="#">A22</a>		Control panels for controlling industrial and residential air handling units
<a href="#">A22 WiFi</a>		Control panels for controlling industrial and residential air handling units


### Sensors

Name	Photo	Description
<a href="#">HV2</a>		Humidity sensor
<a href="#">CO2-3</a>		CO2 sensor
<a href="#">CO2-1</a>		CO2 sensors
<a href="#">HR-S</a>		Electro-mechanical humidistat

### For round ducts

Name	Photo	Description
<a href="#">SR 160/600</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 160/900</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
<a href="#">SR 160/1200</a>		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

### For round ducts

Name	Photo	Description
<a href="#">KRV 160</a>		Air dampers for automatic air flow control in round ducts

### Electric actuators

Name	Photo	Description
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[Belimo TF230](#)



The actuators are designed for controlling air dampers with cross section up to 0.4 m<sup>2</sup> performing protection functions