

VUER 601 VE EC R A21

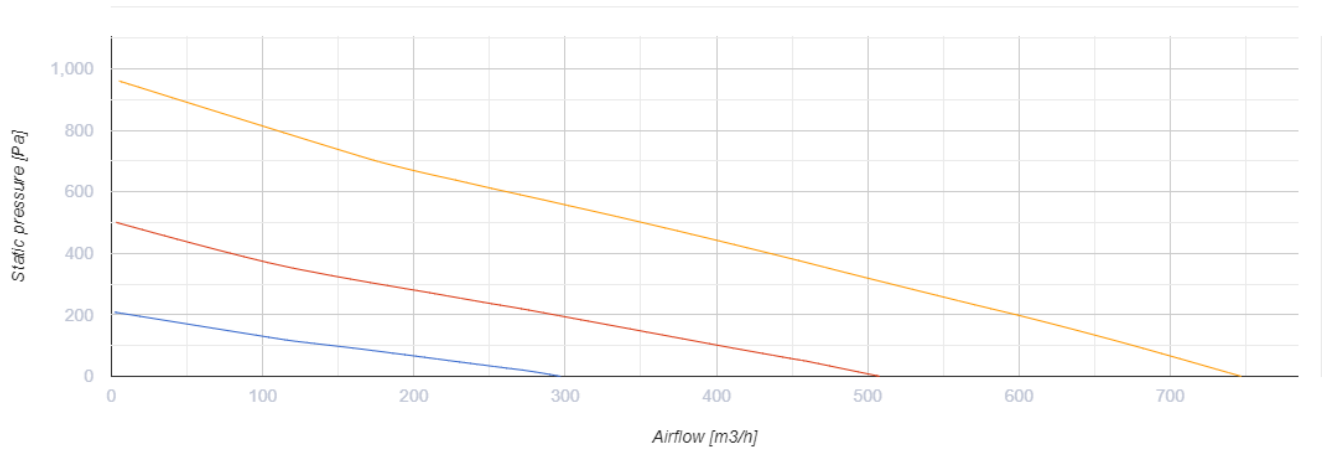


Air handling units in heat- and sound-insulated casing

- Power of electrical reheater: 1400
- Maximum airflow: 747
- Sound pressure level LpA at 3 m: 29
- 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

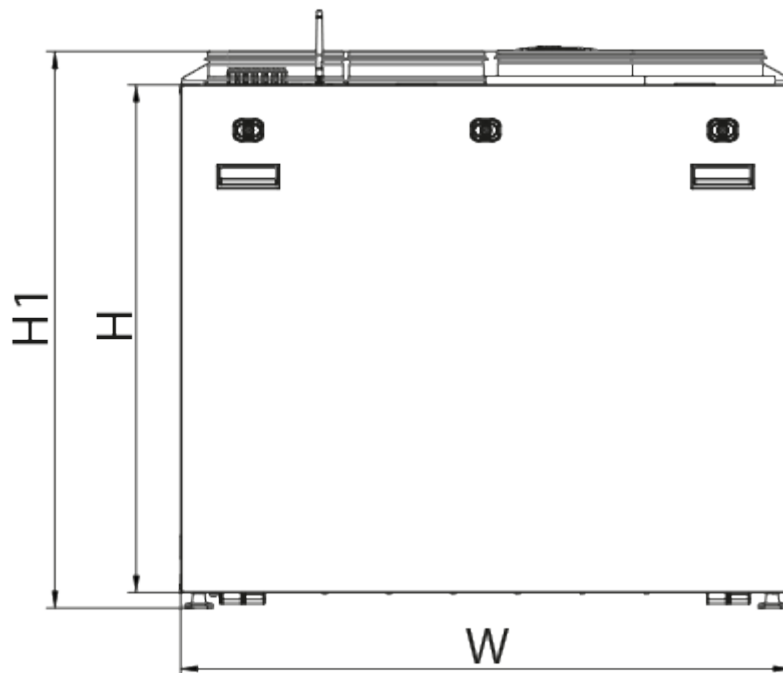
| | Unit of measurement | VUER 601 VE EC R A21 |
|-----------------------------------|---------------------|--|
| Connected air duct size | mm | 200 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 336 |
| Power of electrical reheater | W | 1400 |
| Unit current | A | 8.51 |
| Maximum airflow | m ³ /h | 747 |
| Sound pressure level LpA at 3 m | dB(A) | 29 |
| Heat recovery efficiency, max | % | 86 |
| Heat exchanger type | - | Sorption rotary |
| Weight | kg | 90 |
| 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 |

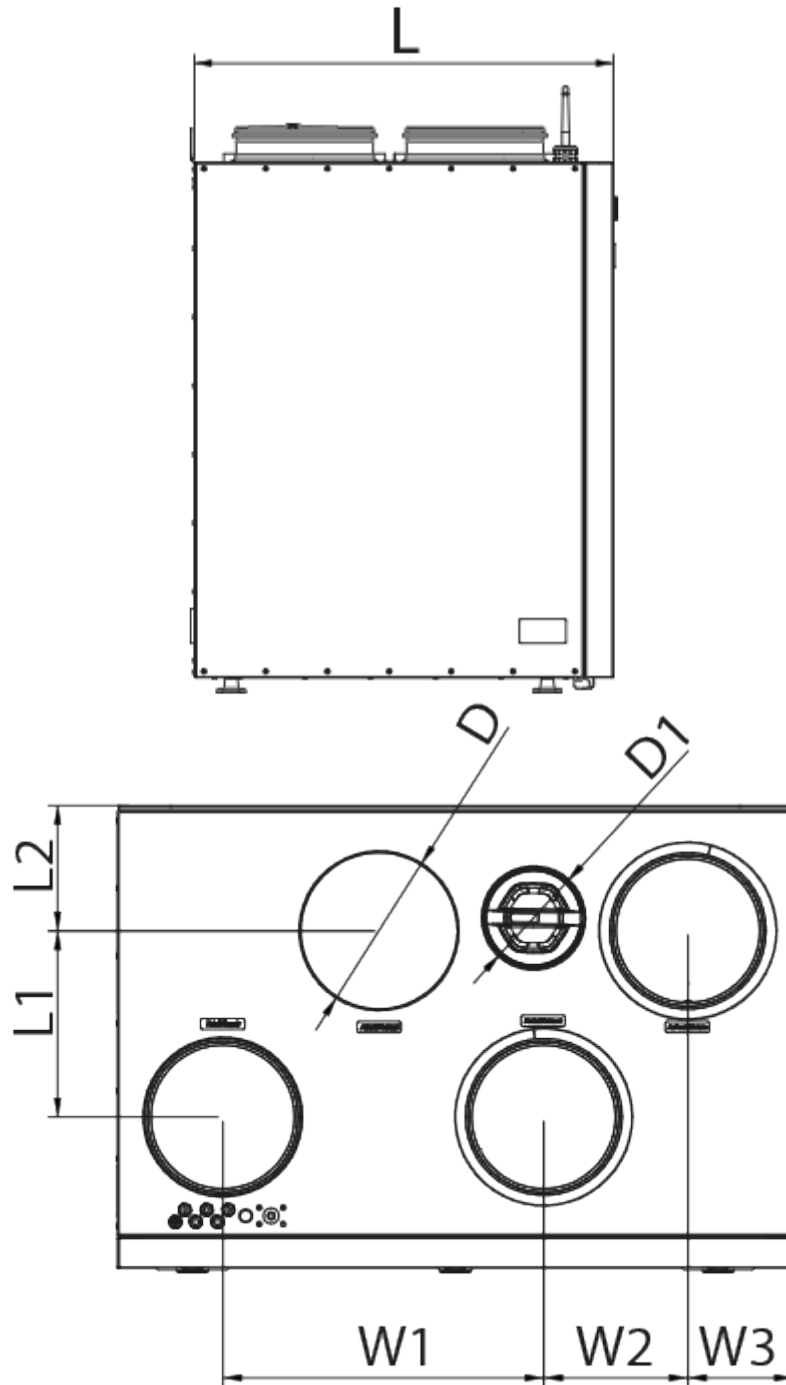
| | | |
|--|----|------|
| Ambient air temperature max | °C | 40 |
| Ambient air humidity max | % | 60 |
| Ingress protection rating | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |



Dimensions

| H | W | L | H1 | W1 | W2 | W3 | L1 | L2 | D | D1 |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 750 | 900 | 609 | 828 | 427 | 192 | 140 | 248 | 167 | 200 | 125 |







Accessories

Control Panels for AHU





| Name | Photo | Description |
|---------------------|---|---|
| A25 |  | The control panel with a sensor display |

Other accessories




| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

| | | |
|--------------------------|---|---|
| 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 200/600 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 200/900 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |
| SR 200/1200 |  | Silencer is applied for noise absorption produced during the ventilating equipment operation and spread along the ducting systems |

For round ducts

| Name | Photo | Description |
|-------------------------|---|--|
| KRV 200 |  | 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 m² performing protection functions

Other accessories

| Name | Photo | Description |
|-----------------------------|---|-----------------|
| SF 522x240x48 Coarse 90% G4 |  | Panel filter G4 |
| SF 522x240x40 ePM1 60% F7 |  | F7 panel filter |