

# VUTR 401 V EC L A21

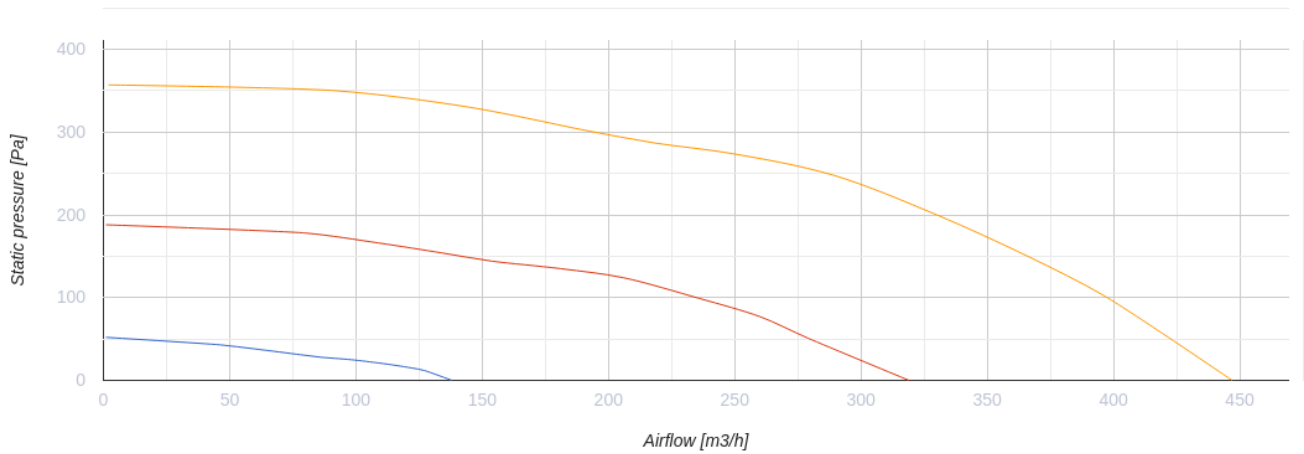
Vertical air handling units with a sorption rotary heat exchanger



- Maximum airflow: 447
- Sound pressure level LpA at 3 m: 28
- Heat exchanger type: Condensation rotary
- Extract filter: G4 / Coarse > 60%
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Sound insulation
- Motor type: EC
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

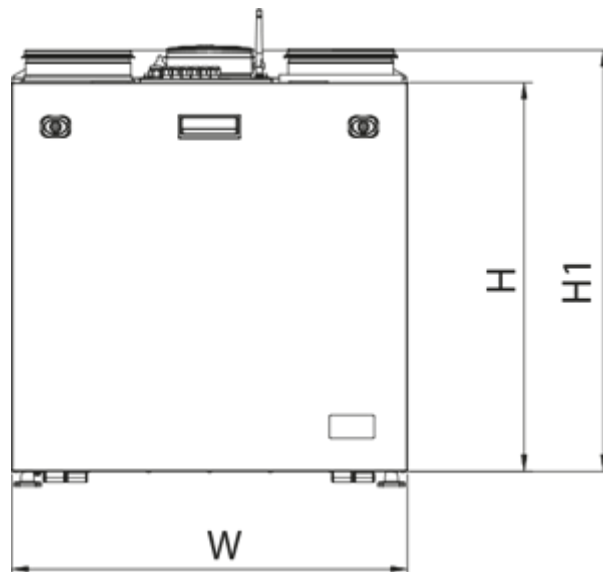
|                                   | Unit of measurement | VUTR 401 V EC L A21                      |
|-----------------------------------|---------------------|--|
| Connected air duct size           | mm                  | 160                                      |
| Speed                             | -                   | 1  |
| Phases                            | -                   | 1  |
| Minimum supply voltage            | V                   | 230                                      |
| Maximum supply voltage            | V                   | 230                                      |
| Power supply frequency            | Hz                  | 50/60                                    |
| Rated power                       | W                   | 257                                      |
| Unit current                      | A                   | 1.76                                     |
| Maximum airflow                   | m <sup>3</sup> /h   | 447                                      |
| Sound pressure level LpA at 3 m   | dB(A)               | 28                                       |
| Heat recovery efficiency, max     | %                   | 89                                       |
| Heat exchanger type               | -                   | Condensation 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                                     |

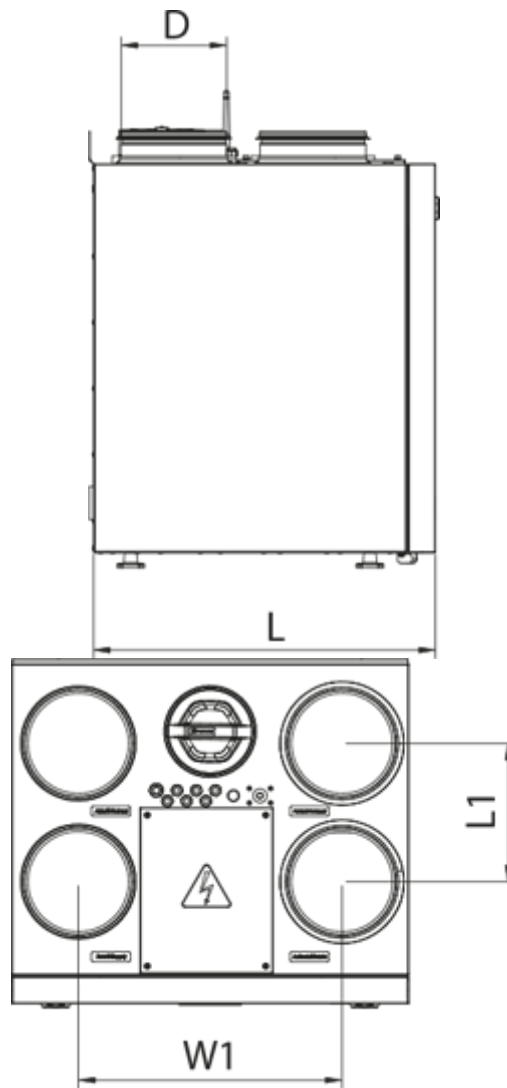
|  |   |      |
|--|---|------|
| Ingress protection rating of the drive | - | IP44 |
|--|---|------|



## 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 |




### Other accessories

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

[Belimo TF230](#)



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