# Enave-T 381 VE A21 R CF

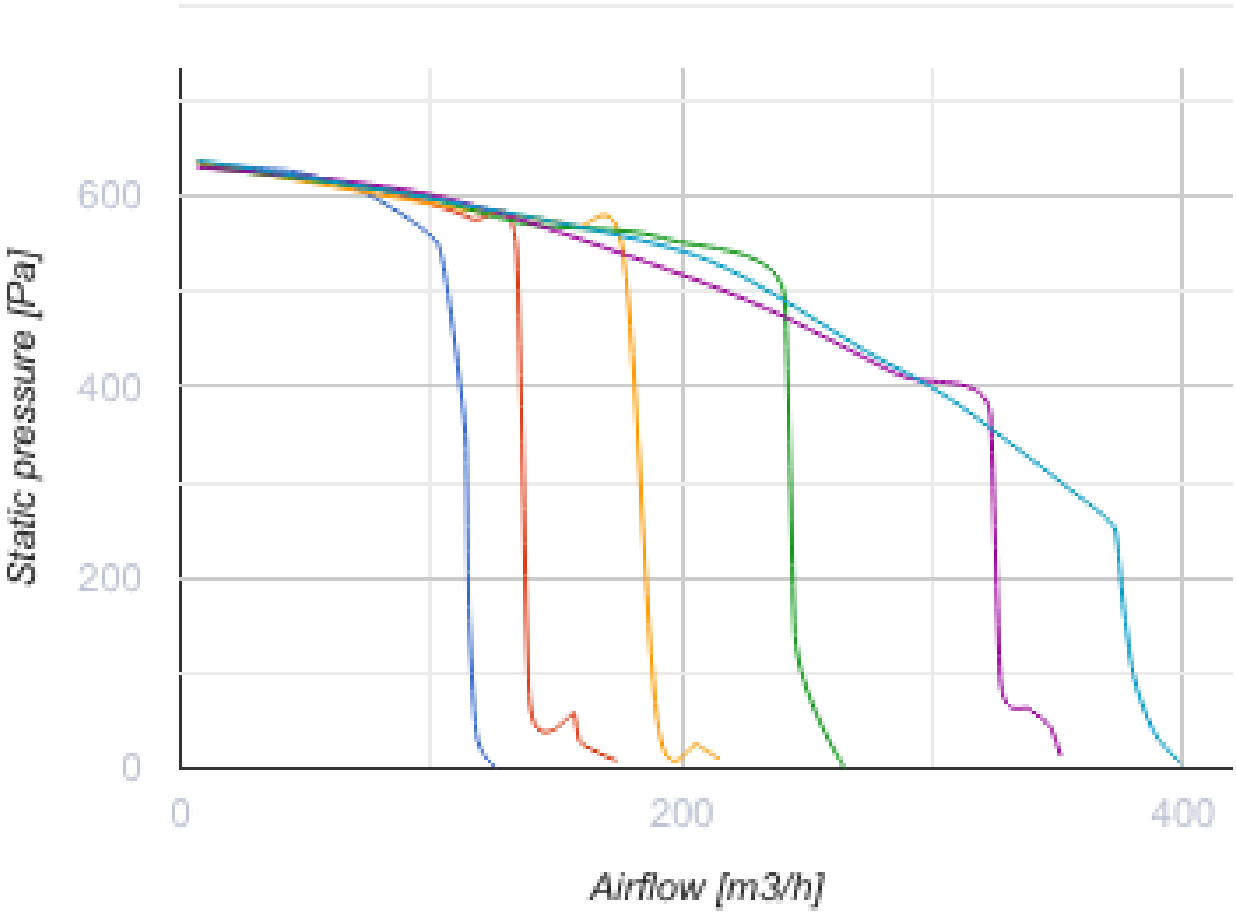


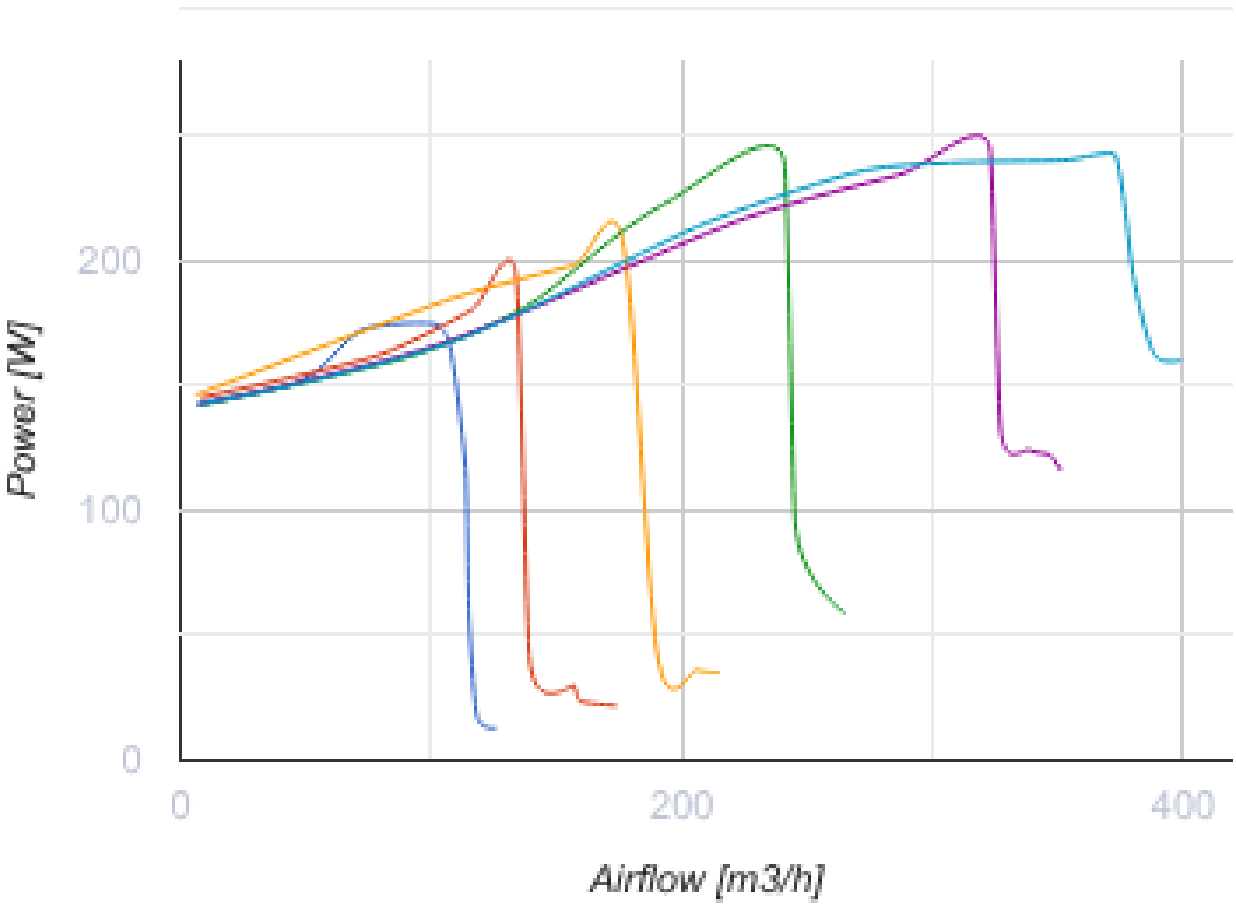
Vertical air handling units with a counterflow polystyrene or enthalpy heat exchanger

- Sound pressure level LpA at 3 m: 26
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Supply filter: G4 / Coarse > 60% (option F7 / ePM1 60%)
- Extract filter: G4 / Coarse > 60%
- Sound-insulated casing
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Optional
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: EPP
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional

| | Unit of measurement | Enave-T 381 VE A21 R CF |
|---|---|---|
| Connected air duct size | mm | 160 |
| Phases | - | 1 |
| Maximum supply voltage | V | 230 |
| Minimum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 247 |
| Unit current | A | 5.35 |
| Maximum airflow | m³/h | 390 |
| Sound pressure level LpA at 3 m | dB(A) | 26 |
| Heat recovery efficiency, max | % | 83 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Enthalpy |
| Weight | kg | 26 |
| Supply filter | - | G4 / Coarse > 60% (option F7 / ePM1 60%) |
| Extract filter | - | G4 / Coarse > 60% |
| Transported air temperature (max) | °C | 40 |
| Transported air temperature (min) | °C | -25 |
| Ambient air temperature max | °C | 40 |
| Ambient air temperature min | °C | 1 |

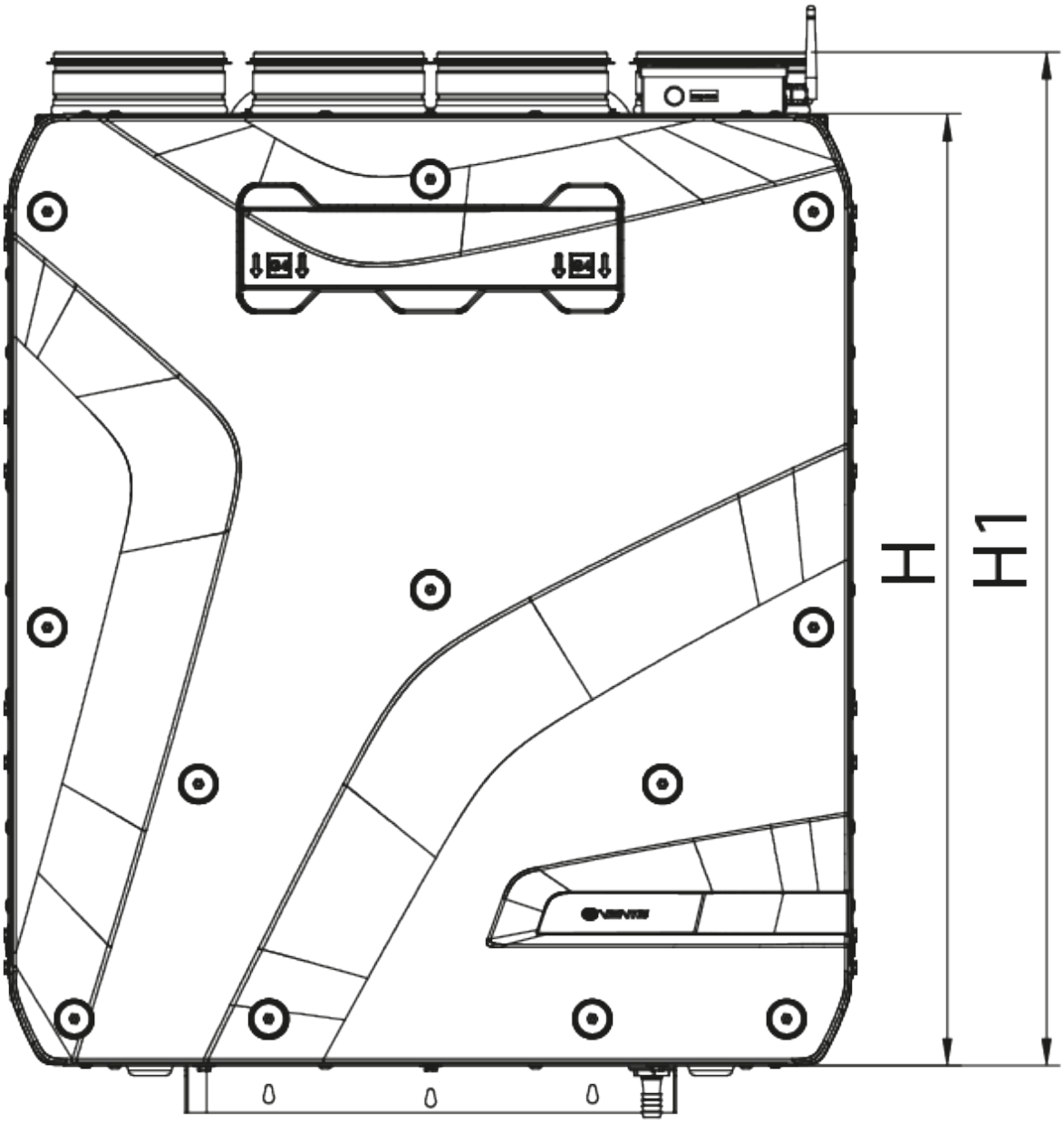
| | | |
|---|---|---|
| Ingress protection rating | - | IP22 |
| Ingress protection rating of the drive | - | IP44 |
| Ambient air humidity max | % | 60 |

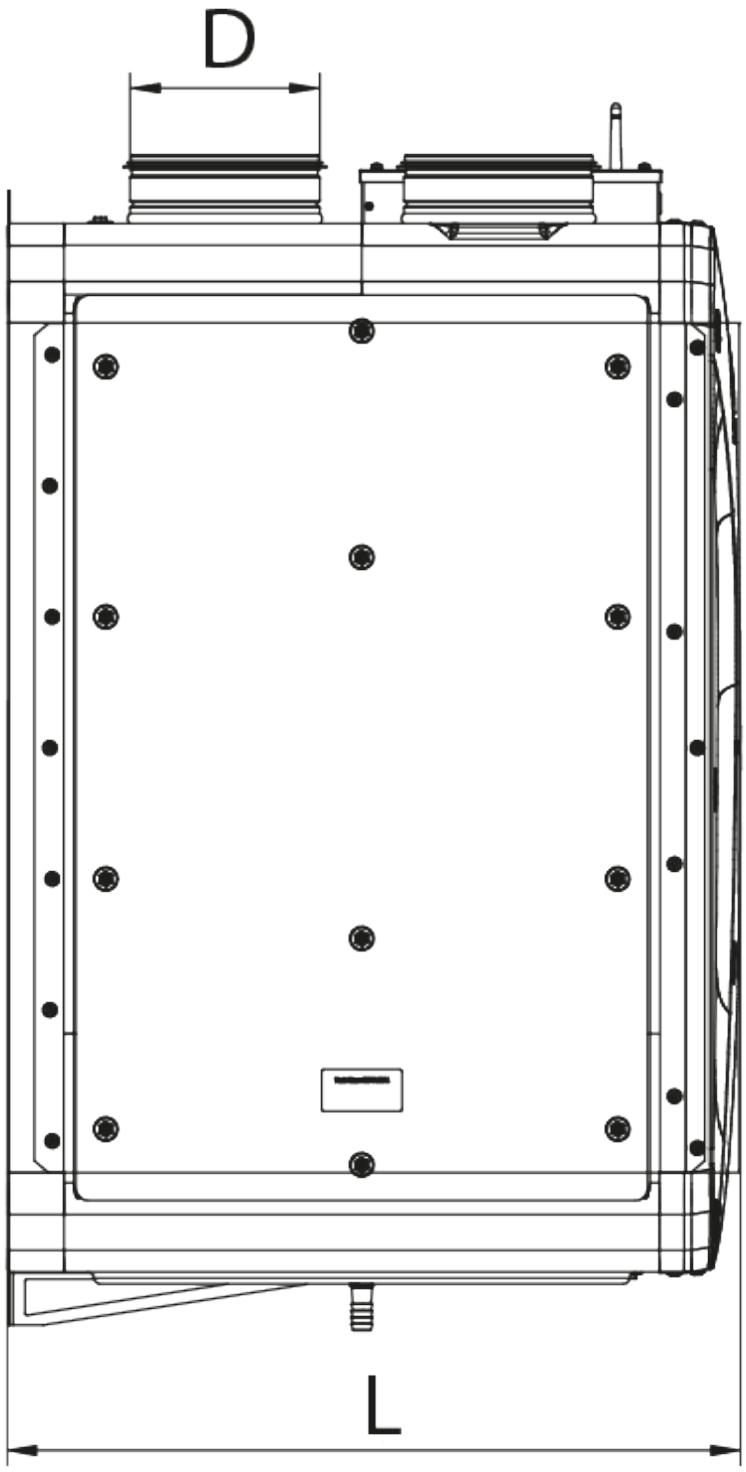


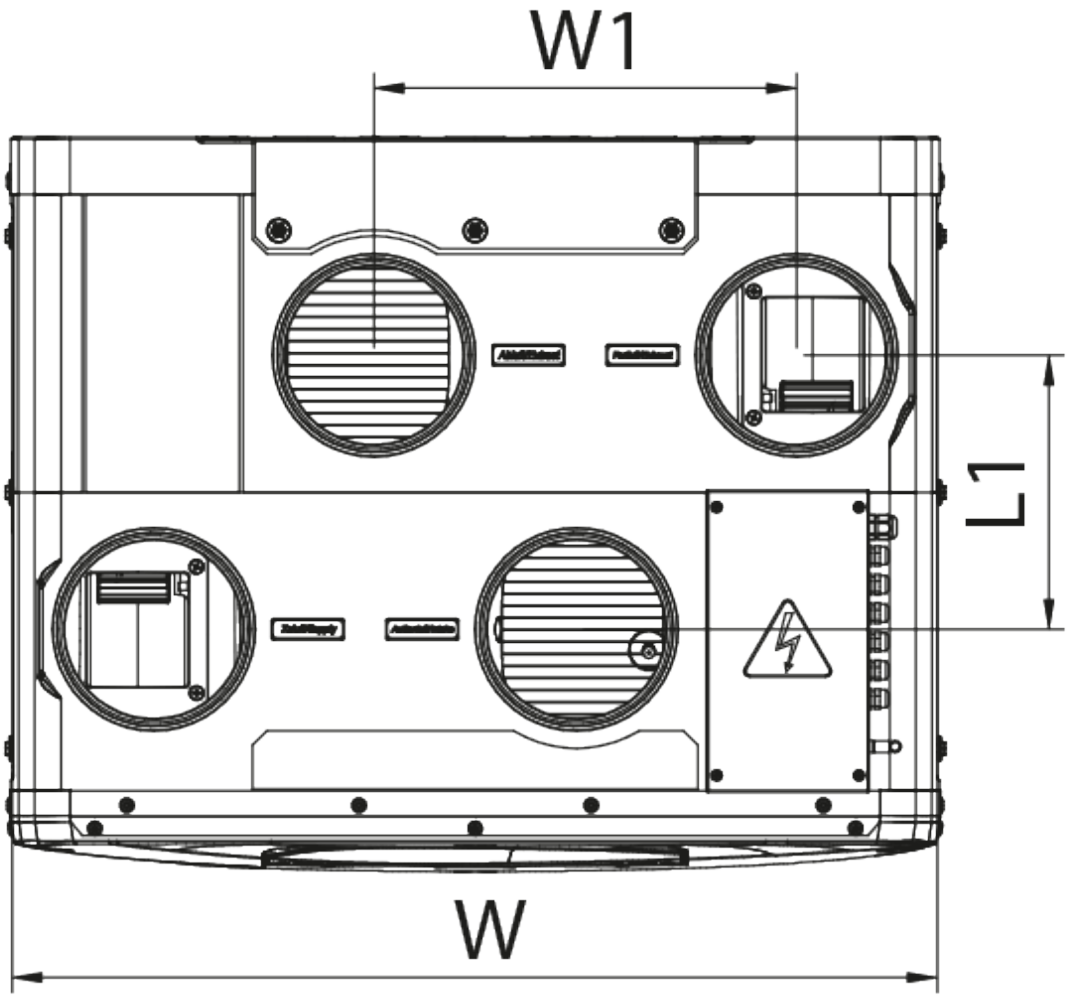



## Dimensions

| Ø D | H | H1 | L | L1 | W | W1 |
|---|---|---|---|---|---|---|
| 160 | 880 | 939 | 616 | 230 | 770 | 355 |


H
H1


D
L




## Accessories

### 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 |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | CO2 sensors |
| HR-S |  | Electro-mechanical humidistat |
| CO2-3 |  | CO2 sensor |

### 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 |

### For round ducts

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

| | | |
|---|---|---|
| KRV 160 |  | Air dampers for automatic air flow control in round ducts |

### Electrical heaters

| Name | Photo | Description |
|---|---|---|
| NKD 160-0,8-1 A21 V.2 |  | Inline supply air reheaters with external control |
| NKD 160-1,2-1 A21 V.2 |  | Inline supply air reheaters with external control |
| NKD 160-1,7-1 A21 V.2 |  | Inline supply air reheaters with external control |
| NKD 160-2,0-1 A21 V.2 |  | Inline supply air reheaters with external control |

### 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 496x150x60 Coarse 90% G4 |  | Panel filter G4 |
| SF 496x150x60 ePM1 65% F7 |  | F7 panel filter |