

VUE 300 PBE EC L A21 DTV

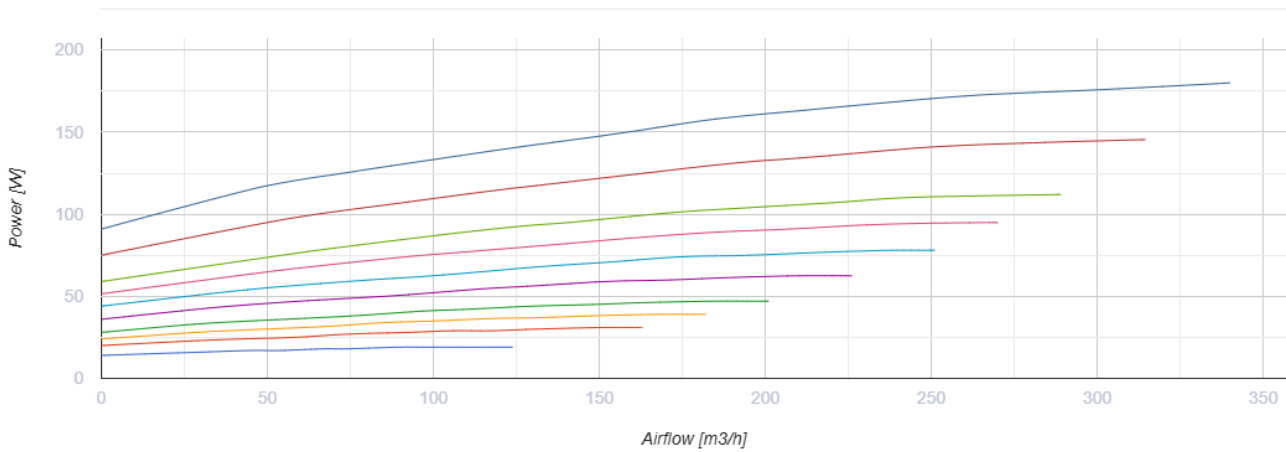
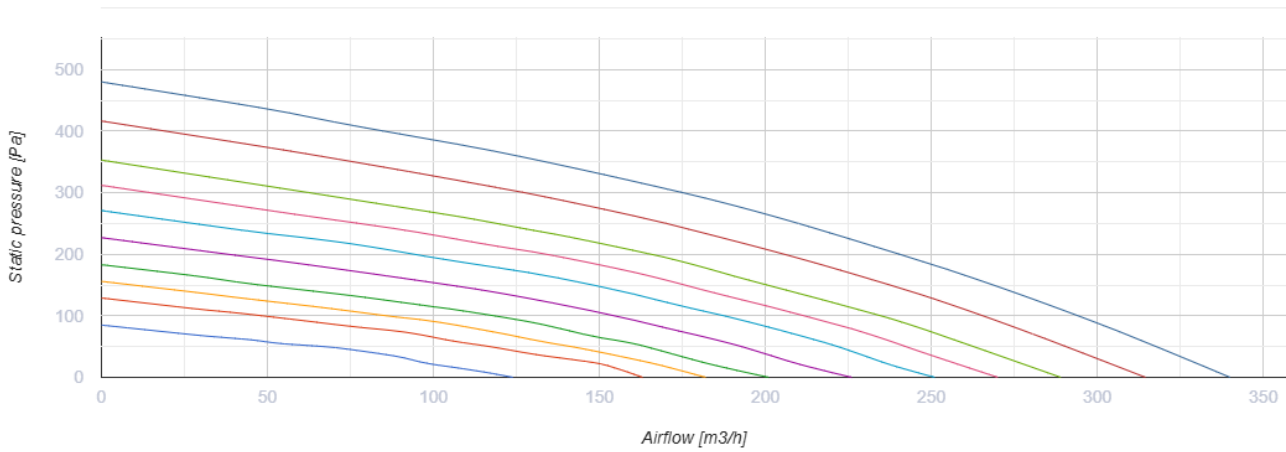


Ceiling mounted air handling units in compact heat- and sound-insulated casing with an electric heater equipped with an enthalpy counter-flow heat exchanger

- Power of electrical reheater: 1500
- Maximum airflow: 340
- Sound pressure level LpA at 3 m: 27
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 (F7 option)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Preheater: Optional
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional

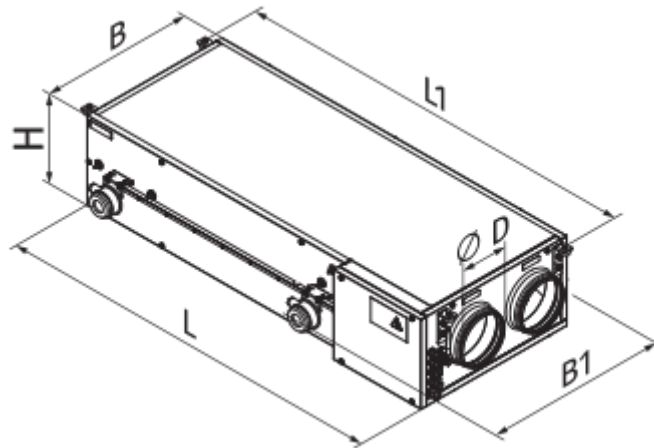
| | Unit of measurement | VUE 300 PBE EC L A21 DTV |
|-----------------------------------|---------------------|--------------------------|
| Connected air duct size | mm | 160 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 180 |
| Power of electrical reheater | W | 1500 |
| Unit current | A | 7.9 |
| Maximum airflow | m ³ /h | 340 |
| Sound pressure level LpA at 3 m | dB(A) | 27 |
| Heat recovery efficiency, max | % | 87 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Enthalpy |
| Weight | kg | 44 |
| Extract filter | - | G4 |
| Supply filter | - | G4 (F7 option) |
| 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

| ØD | B | B1 | H | L | L1 |
|-----|-----|-----|-----|------|------|
| 160 | 485 | 577 | 280 | 1238 | 1291 |







Accessories

Control Panels for AHU




| 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. |
| A25 |  | The control panel with a sensor display |

Sensors



| Name | Photo | Description |
|-----------------------|---|--------------------------------|
| HV2 |  | Humidity sensor |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | 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 |




For round ducts

| Name | Photo | Description |
|-------------------------|---|--|
| KOM 160 |  | Spring-loaded backdraft damper for round ducts |
| 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 |

Other accessories

| Name | Photo | Description |
|-------------------|---|------------------|
| SFK 208x236x27 G4 |  | G4 pocket filter |
| SFK 208x236x27 F7 |  | F7 pocket filter |
| SF 440x128x20 G4 |  | Panel filter G4 |

Electrical heaters

| Name | Photo | Description |
|---------------------------------------|---|---|
| NKP 160-0,8-1 A21 V.2 |  | Heater for heat exchanger freeze protection |
| NKP 160-2,0-1 A21 V.2 |  | Heater for heat exchanger freeze protection |

| | | |
|---------------------------------------|---|---|
| NKP 160-1,7-1 A21 V.2 |  | Heater for heat exchanger freeze protection |
| NKP 160-1,2-1 A21 V.2 |  | Heater for heat exchanger freeze protection |

