

DVUT 1200 HB EC L A21 V.2



Floor-mounted single-room air handling units in a heat- and sound-insulated casing

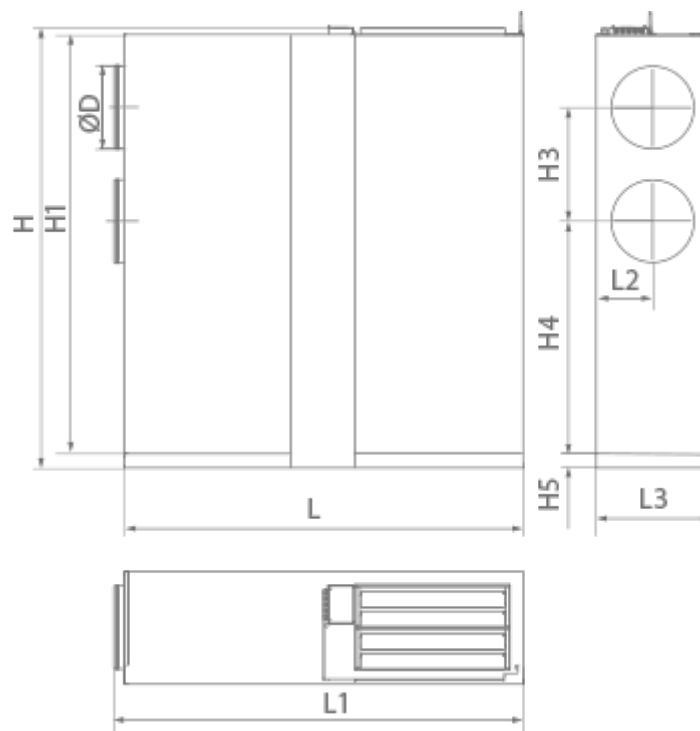
- Maximum airflow: 1240
- Sound pressure level LpA at 3 m: 30
- Sound pressure level LpA at 1 m: 40
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60% (G4)
- Supply filter: ISO ePM1 60% (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

| | Unit of measurement | DVUT 1200 HB EC L A21 V.2 |
|-----------------------------------|---------------------|---------------------------|
| Connected air duct size | mm | 400 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 345 |
| Unit current | A | 2.3 |
| Maximum airflow | m ³ /h | 1240 |
| Sound pressure level LpA at 3 m | dB(A) | 30 |
| Sound pressure level LpA at 1 m | dB(A) | 40 |
| Heat recovery efficiency, max | % | 96 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 352 |
| Extract filter | - | ISO Coarse >60% (G4) |
| Supply filter | - | ISO ePM1 60% (F7) |
| 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 | - | IP20 |
| Ingress protection rating of the drive | - | IP44 |

Dimensions

| H | H1 | D | H3 | H4 | H5 | L | L1 | L2 | L3 |
|------|------|-----|-----|------|----|------|------|-----|-----|
| 2106 | 2000 | 400 | 545 | 1110 | 70 | 1900 | 1951 | 265 | 535 |

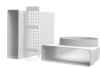


Accessories

Metal



| Name | Photo | Description |
|---------------------------------|---|---------------------------------|
| MVMA 400 bVn Al |  | Supply and exhaust metal grille |

Other accessories







| Name | Photo | Description |
|-----------------------|---|------------------------|
| NB DVUT 1200 HB white |  | Outer ventilation hood |

| | | |
|------------------------|---|------------------------|
| NB DVUT 1200 HB chrome |  | Outer ventilation hood |
|------------------------|---|------------------------|



VOC sensors

| Name | Photo | Description |
|---------------------------|---|-------------|
| DPWQ30600 |  | VOC sensors |
| DPWQ40200 |  | CO2 sensor |

Sensors

| Name | Photo | Description |
|---------------------------|---|--------------------------------|
| DPWC11200 |  | Humidity sensor |
| HR-S |  | Electro-mechanical humidistats |
| CO2-1 |  | CO2 sensors |
| CO2-2 |  | CO2 sensors |
| CO2-3 |  | CO2 sensor |
| HV2 |  | Humidity sensor |

Condensation drainage

| Name | Photo | Description |
|-----------------------|---|---|
| DN-2 |  | The drain pump provides extraction and discharge of condensate in ventilation systems |
| SH-32 |  | The hydraulic U-trap for condensate drainage from heat exchangers and coolers in ventilation and air conditioning systems |