

DVUT 1000 PBE2 EC A21 V.2

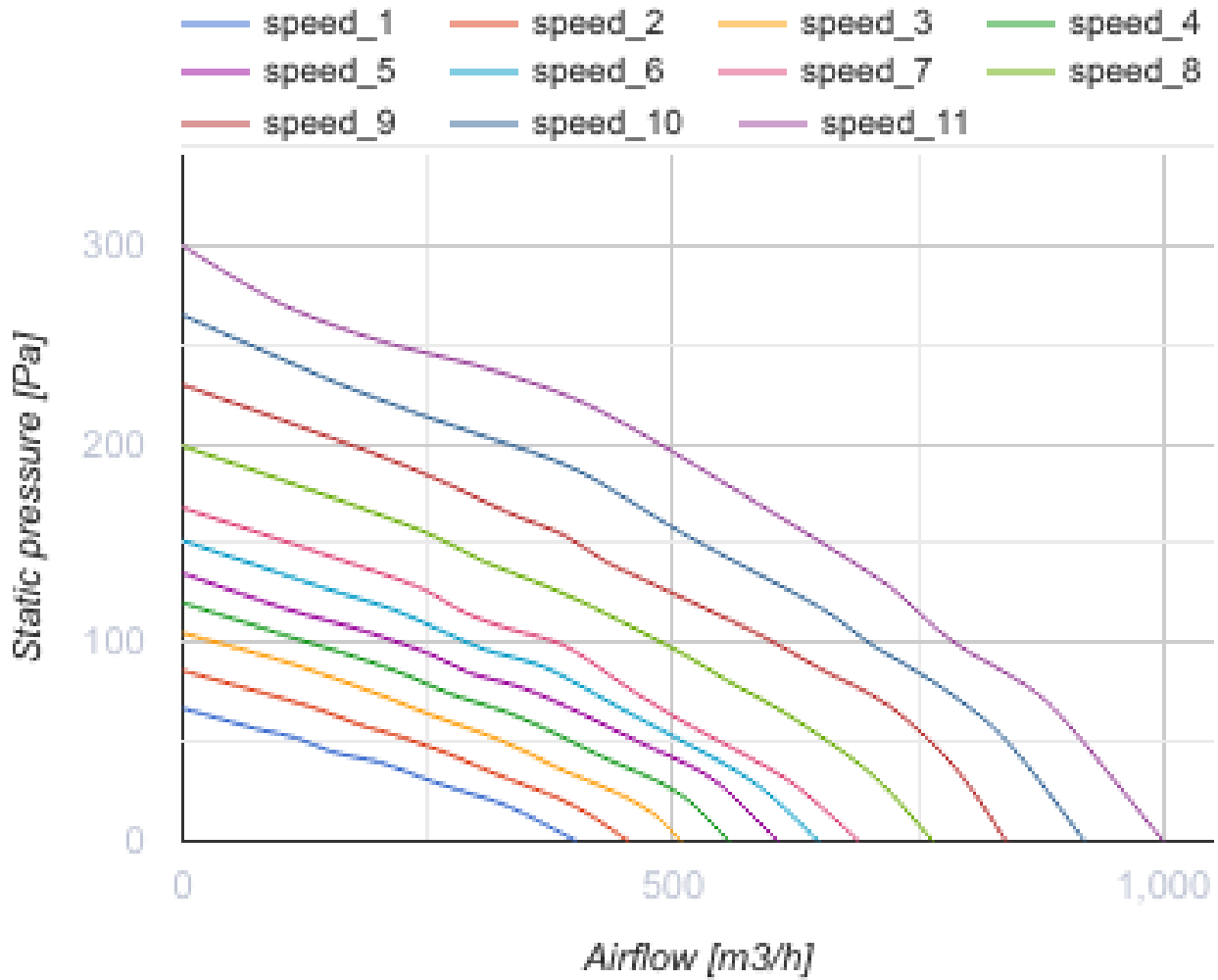


Suspension-mounted single-room air handling units in a heat- and sound insulated casing

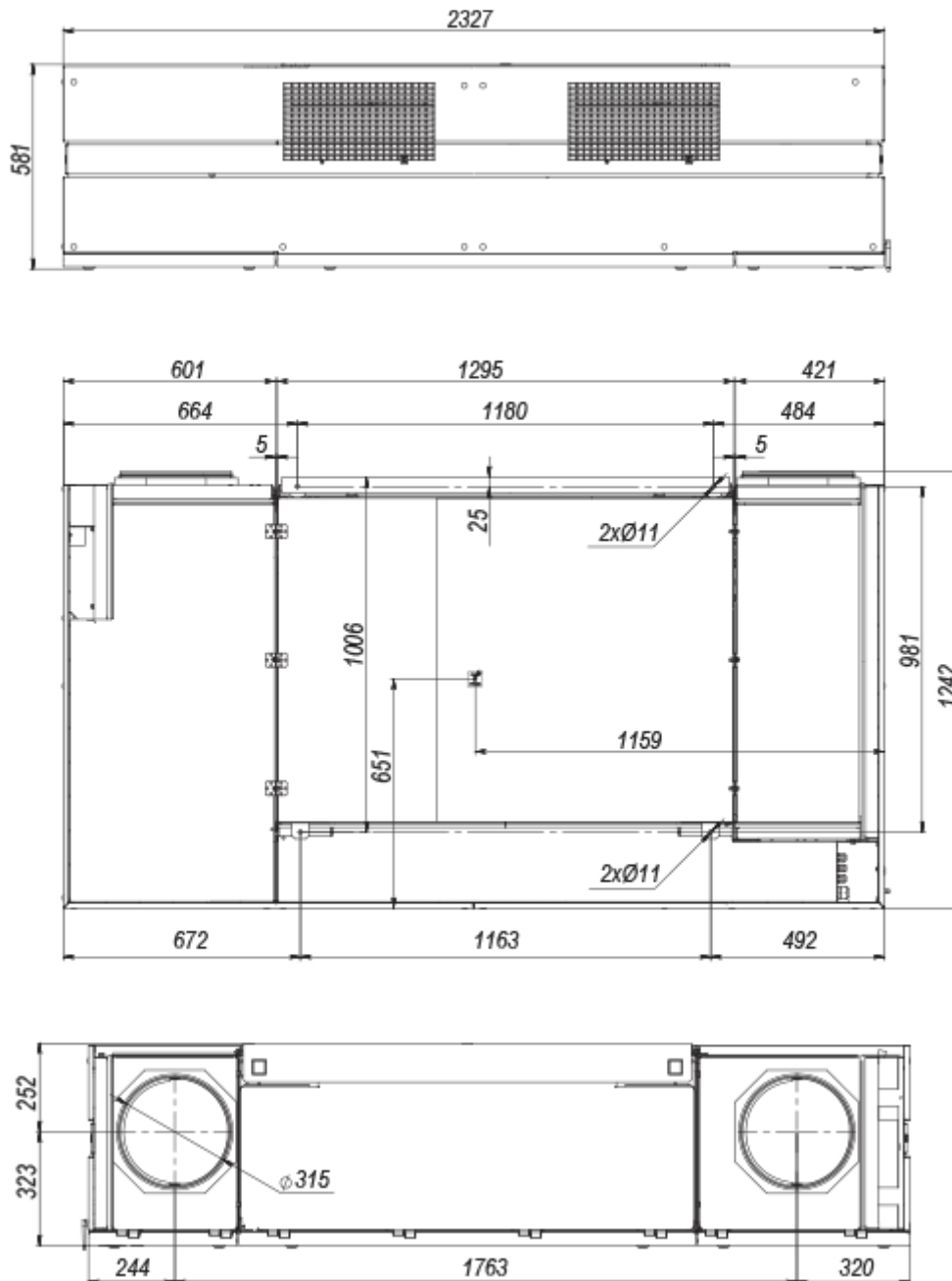
- Power of electrical preheater: 3150
- Power of electrical reheater: 2100
- Maximum airflow: 1000
- Sound pressure level LpA at 3 m: 24
- Sound pressure level LpA at 1 m: 34
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60% (G4)
- Supply filter: ISO ePM1 60% (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- Temperature sensor: Built-in

| | Unit of measurement | DVUT 1000 PBE2 EC A21 V.2 |
|-----------------------------------|---------------------|---------------------------|
| Connected air duct size | mm | 315 |
| Minimum supply voltage | V | 400 |
| Maximum supply voltage | V | 400 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 250 |
| Power of electrical preheater | W | 3150 |
| Power of electrical reheater | W | 2100 |
| Unit current | A | 1.85 |
| Maximum airflow | m ³ /h | 1000 |
| Sound pressure level LpA at 3 m | dB(A) | 24 |
| Sound pressure level LpA at 1 m | dB(A) | 34 |
| Heat recovery efficiency, max | % | 93 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 275 |
| 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









Accessories



VOC sensors

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

Sensors

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

Metal

| Name | Photo | Description |
|---------------------------------|---|---------------------------------|
| MVMA 315 bVn Al |  | Supply and exhaust metal grille |