# DVUT 800 PBE2 EC A21 V.2



School suspended AHUs

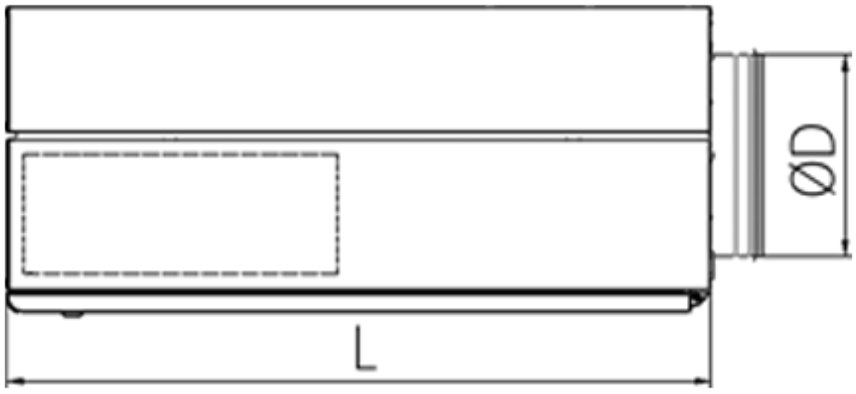
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: ISO ePM1 55% (F7)
- Extract filter: ISO Coarse > 60% (G4)
- Sound-insulated casing
- Bypass: Auto
- Reheater: Built-in
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

| | Unit of measurement | DVUT 800 PBE2 EC A21 V.2 |
|---|---|---|
| Connected air duct size | mm | 315 |
| Phases | - | 1 |
| Maximum supply voltage | V | 230 |
| Minimum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 314 |
| Unit current | A | 2.2 |
| Maximum airflow | m³/h | 850 |
| Heat recovery efficiency, max | % | 88 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 195 |
| Supply filter | - | ISO ePM1 55% (F7) |
| Extract filter | - | ISO Coarse > 60% (G4) |
| 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 | - | IP20 |

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

## Dimensions

| D | H | H1 | L | W |
|---|---|---|---|---|
| 315 | 475 | 270 | 1100 | 1910 |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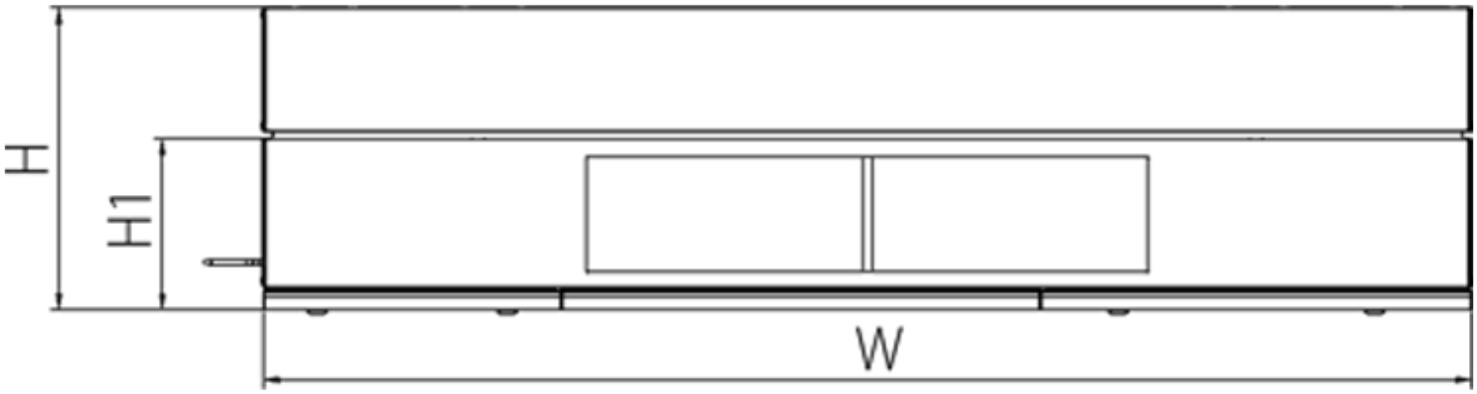


## Accessories

### 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 |
| CO2-3 |  | CO2 sensor |

### VOC sensors

| Name | Photo | Description |
|---|---|---|
| DPWQ30600 |  | VOC sensors |

### Condensation drainage

| Name | Photo | Description |
|---|---|---|
| SH-32 |  | Hydraulic U-trap to drain condensate from heat exchangers and coolers |
| DN-2 |  | Drain pump for pumping out and draining condensation |

### Metal

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

### Other accessories

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

| | | |
|---|---|---|
| SF 397x390x48 G4 |  | Panel filter G4 |
| SF 397x390x48 F7 |  | F7 panel filter |