

# CIVIC EC LBE 500 S21 V.2

The CIVIC EC LB V.2 units are designed for singleroom ventilation of schools, offices and other public and commercial premises

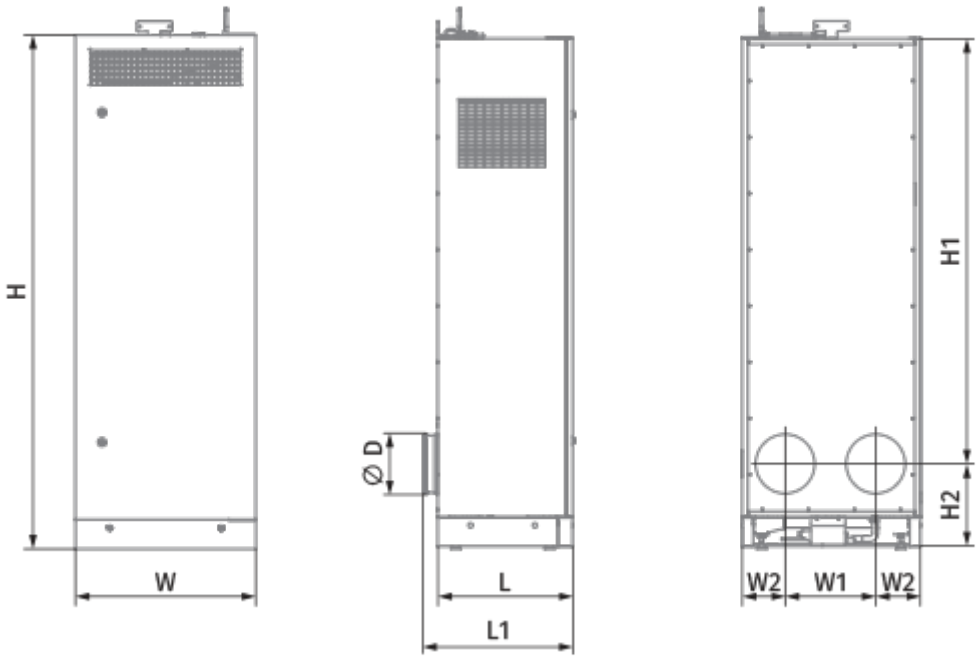
- Power of electrical preheater: 1050
- Sound pressure level LpA at 3 m: 38
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: ISO ePM1 60 % (F7)
- Extract filter: ISO Coarse >60 % (G4)
- Sound-insulated casing
- Bypass: Auto
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

| | Unit of measurement | CIVIC EC LBE 500 S21 V.2 |
|---|---|---|
| Connected air duct size | mm | 250 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 370 |
| Power of electrical preheater | W | 1050 |
| Unit current | A | 9.1 |
| Maximum airflow | m³/h | 580 |
| Sound pressure level LpA at 3 m | dB(A) | 38 |
| Sound pressure level LpA at 1 m | dB(A) | 47 |
| Heat recovery efficiency, max | % | 94 |
| Heat exchanger type | - | Counter flow |
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 140 |
| Supply filter | - | ISO ePM1 60 % (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 |
| Maximum wall thickness | mm | 2000 |

## Dimensions

| Ø D | H | H1 | H2 | L | L1 | W / B | W1 / B1 | W2 / B2 |
|---|---|---|---|---|---|---|---|---|
| 250 | 2170 | 1865 | 305 | 535 | 585 | 750 | 350 | 200 |




## Accessories

### Condensation drainage

| Name | Photo | Description |
|---|---|---|
| SFK 20x32 |  | Hydraulic syphon for condensate drainage |

| | | |
|---|---|---|
| CP-2 |  | Drain pump |

### Control Panels

| Name | Photo | Description |
|---|---|---|
| S25 |  | LCD control panel |
| S22 |  | Control panels |
| S22 Wi-Fi |  | Control panels |

### CO2 sensors

| Name | Photo | Description |
|---|---|---|
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |
| CD-3 |  | Carbon dioxide sensor |

### Humidity sensors

| Name | Photo | Description |
|---|---|---|
| FS2 |  | Humidity sensor |

### Hoods

| Name | Photo | Description |
|---|---|---|
| AH Civic 500 LB chrome |  | |

| | | |
|---|---|---|
| AH Civic 500 LB white |  | |

## Other accessories

| Name | Photo | Description |
|---|---|---|
| FP 449x318x60 F7 |  | F7 panel filter |
| FP 255x448x25 G4 (2 pcs.) |  | G4 panel filter |