

# CIVIC EC D1BE 500 S21

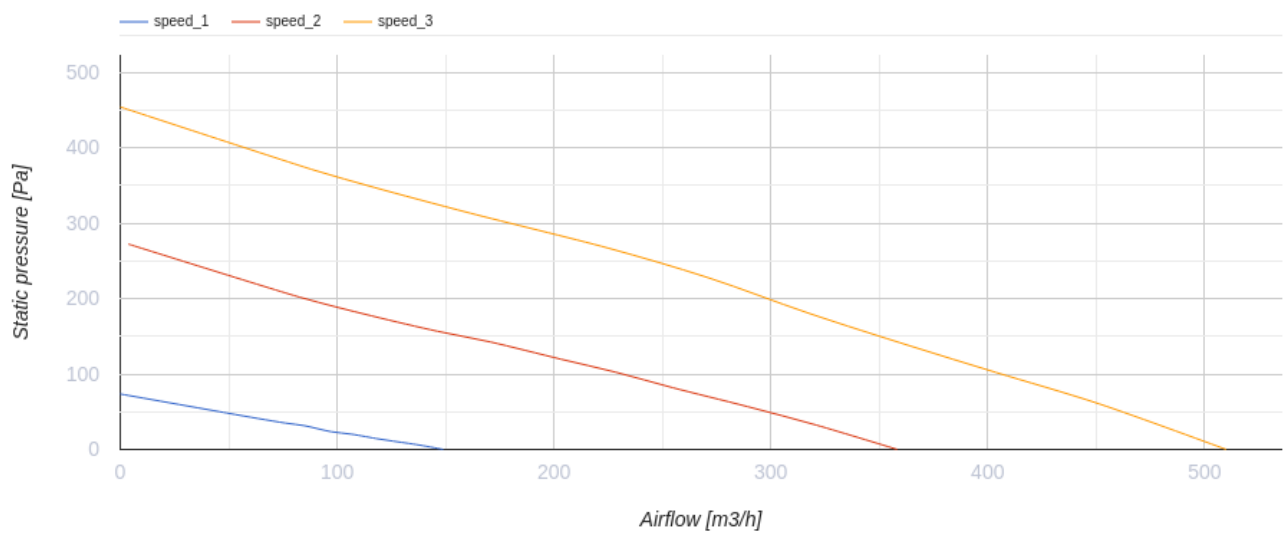
The CIVIC EC DB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 1750
- Maximum airflow: 510
- Sound pressure level LpA at 3 m: 24
- Sound pressure level LpA at 1 m: 34
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4, F8 (option F8 C + H11)
- Motor type: EC
- Bypass: Auto
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

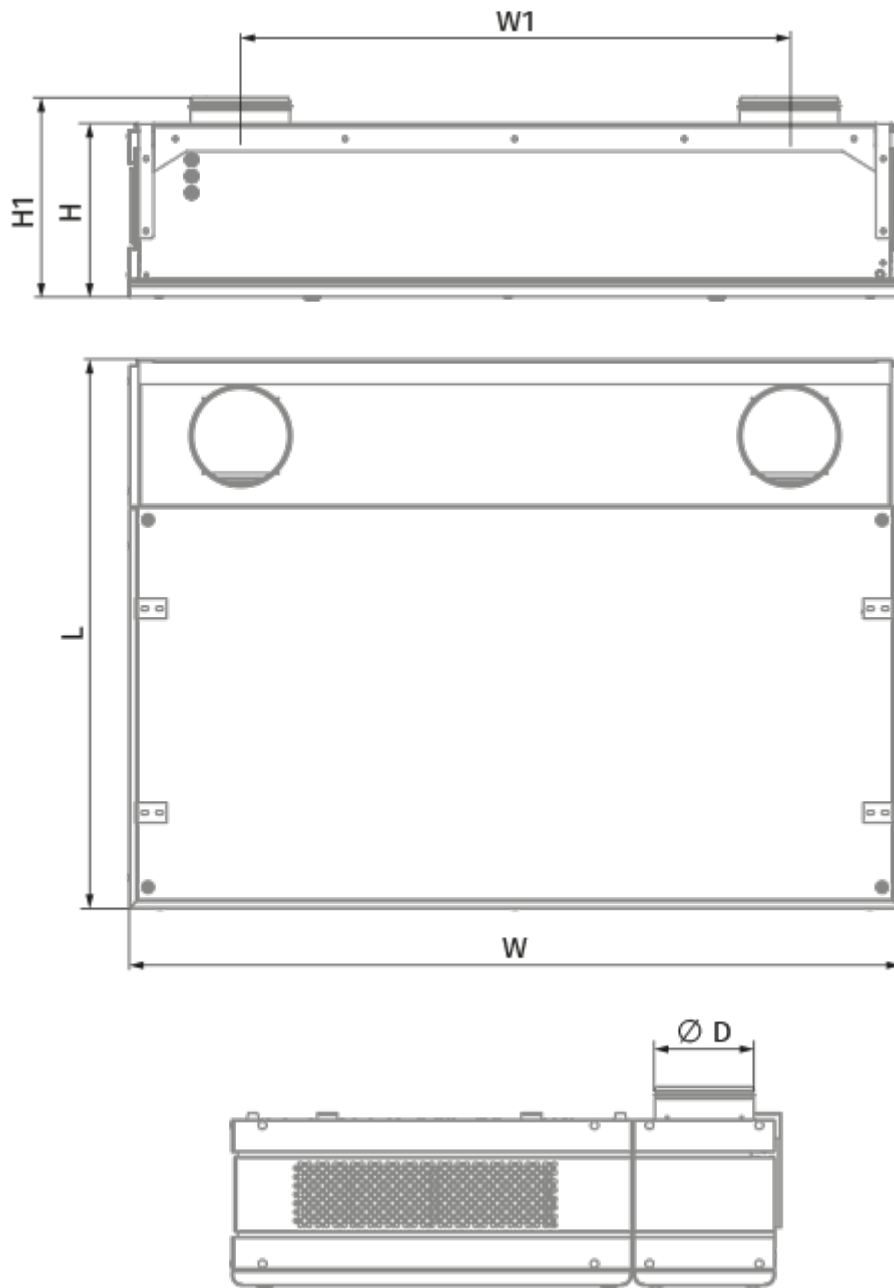
|                                 | Unit of measurement | CIVIC EC D1BE 500 S21 |
|---------------------------------|---------------------|-----------------------|
| Connected air duct size         | mm                  | 250                   |
| Speed                           | -                   | 1                     |
| Phases                          | -                   | 1                     |
| Minimum supply voltage          | V                   | 230                   |
| Maximum supply voltage          | V                   | 230                   |
| Power supply frequency          | Hz                  | 50/60                 |
| Rated power                     | W                   | 170                   |
| Power of electrical preheater   | W                   | 1750                  |
| Unit current                    | A                   | 10.4                  |
| Maximum airflow                 | m <sup>3</sup> /h   | 510                   |
| rotation speed at 50hz          | -                   | 1700                  |
| Sound pressure level LpA at 3 m | dB(A)               | 24                    |
| Sound pressure level LpA at 1 m | dB(A)               | 34                    |
| Heat recovery efficiency, max   | %                   | 86                    |
| Heat exchanger type             | -                   | Counter flow          |
| Heat exchanger material         | -                   | Polystyrene           |
| Weight                          | kg                  | 128                   |
| Extract filter                  | -                   | G4                    |

|  |    |                            |
|--|----|----------------------------|
| Supply filter                          | -  | G4, F8 (option F8 C + H11) |
| 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


| Ø D | H   | H1  | L    | L1   | W    | W1   |
|-----|-----|-----|------|------|------|------|
| 249 | 386 | 462 | 1349 | 1083 | 1806 | 1314 |




## Accessories

### Other accessories




| Name             | Photo   | Description     |
|------------------|---|-----------------|
| FP 325x388x48 G4 |  | G4 panel filter |

|                    |   |                 |
|--------------------|---|-----------------|
| FP 325x314x48 G4   |  | G4 panel filter |
| FP 325x314x48 F8   |   |                 |
| FP 714x320x48 F8 C |   |                 |
| FP 714x320x48 H11  |   |                 |




### Other accessories

| Name                           | Photo   | Description   |
|--------------------------------|---|---|
| <a href="#">VDA 250 CFn Al</a> |  | Metal grilles for decoration of exhaust vents in residential, public and industrial buildings |

### Other accessories



| Name                      | Photo   | Description       |
|---------------------------|---|-------------------|
| <a href="#">S22</a>       |  | Control panels    |
| <a href="#">S22 Wi-Fi</a> |  | Control panels    |
| <a href="#">S25</a>       |  | LCD control panel |

### Other accessories

| Name                 | Photo   | Description     |
|----------------------|---|-----------------|
| <a href="#">CD-1</a> |  | CO2 sensors     |
| <a href="#">CD-2</a> |  | CO2 sensors     |
| <a href="#">FS2</a>  |  | Humidity sensor |

### Other accessories

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

|                           |   |  |
|---------------------------|---|--|
| <a href="#">SFK 20x32</a> |  | Hydraulic syphon for condensate drainage |
| <a href="#">CP-2</a>      |  | Drain pump                               |