



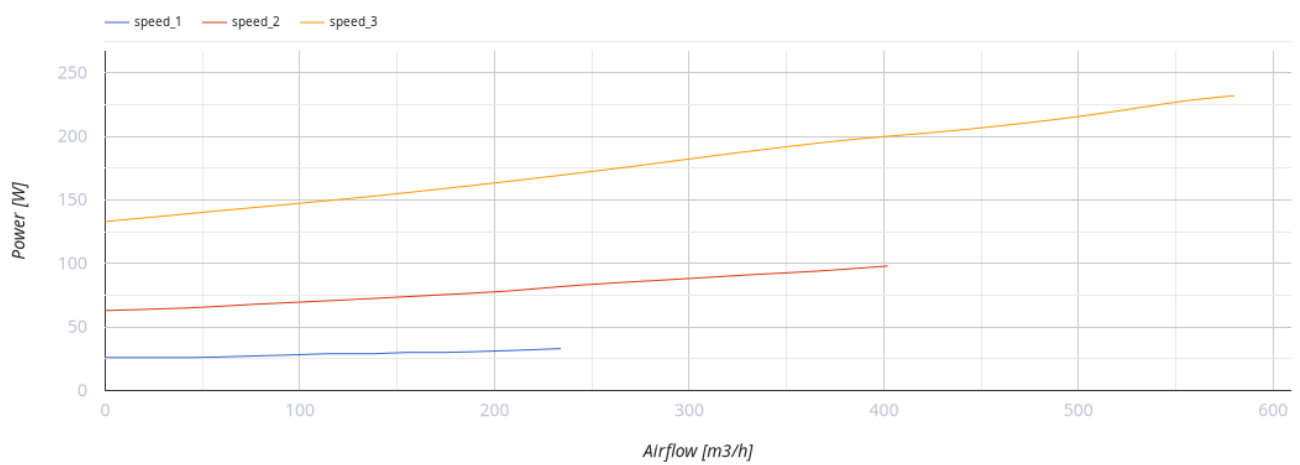
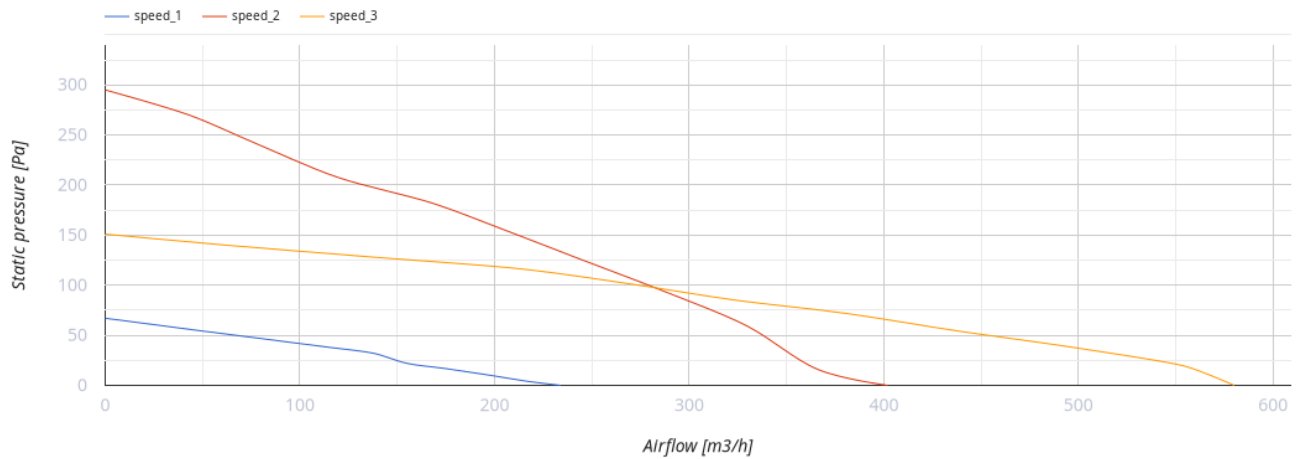
# Civic EC LB 500 S21

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

- Maximum airflow: 580
- Sound pressure level LpA at 3 m: 25
- Sound pressure level LpA at 1 m: 35
- Heat exchanger type: Counter flow
- Extract filter: G4 x 2
- Supply filter: G4 + F8 (option: F8 C + H11)
- 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: Built-in

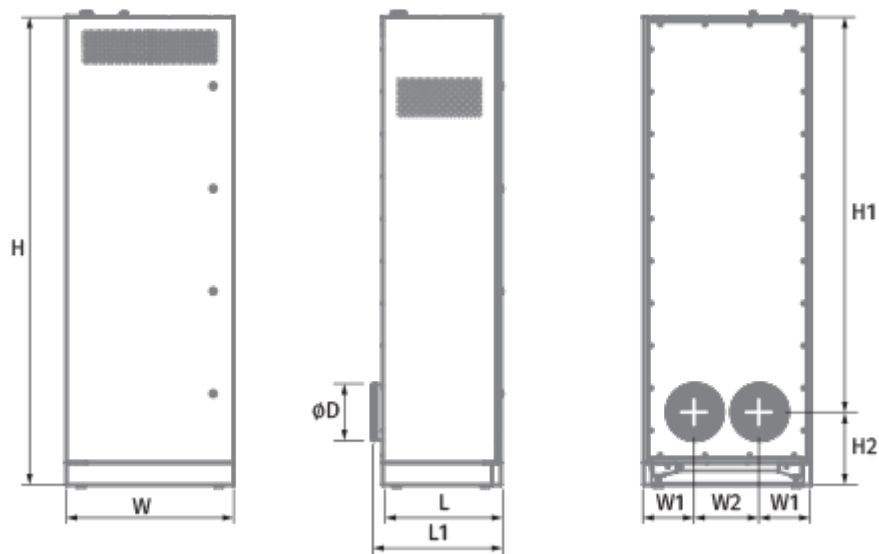
|                                   | Unit of measurement | Civic EC LB 500 S21          |
|-----------------------------------|---------------------|------------------------------|
| Connected air duct size           | mm                  | 250                          |
| Speed                             | -                   | 1                            |
| Phases                            | -                   | 1                            |
| Minimum supply voltage            | V                   | 230                          |
| Maximum supply voltage            | V                   | 230                          |
| Power supply frequency            | Hz                  | 50/60                        |
| Rated power                       | W                   | 230                          |
| Unit current                      | A                   | 1.7                          |
| Maximum airflow                   | m <sup>3</sup> /h   | 580                          |
| rotation speed at 50hz            | -                   | 1280                         |
| Sound pressure level LpA at 3 m   | dB(A)               | 25                           |
| Sound pressure level LpA at 1 m   | dB(A)               | 35                           |
| Heat recovery efficiency, max     | %                   | 94                           |
| Heat exchanger type               | -                   | Counter flow                 |
| Heat exchanger material           | -                   | Polystyrene                  |
| Weight                            | kg                  | 191                          |
| Extract filter                    | -                   | G4 x 2                       |
| 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   | H2  | L   | L1  | W   | W1  | W2  |
|-----|------|------|-----|-----|-----|-----|-----|-----|
| 250 | 2170 | 1833 | 337 | 535 | 585 | 750 | 290 | 230 |





## Accessories

### Other accessories




| Name                   | Photo   | Description     |
|------------------------|---|-----------------|
| AH Civic 500 LB chrome |   |                 |
| AH Civic 500 LB white  |   |                 |
| FP 450x257x27 G4 PPI   |   |                 |
| FP 318x290x22 G4       |  | G4 panel filter |
| FP 318x290x60 F8       |   |                 |
| FP 666x196x48 F8 C     |   |                 |
| FP 666x196x60 H11      |   |                 |

### 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                               |