

# Civic EC LBE 300-E S21

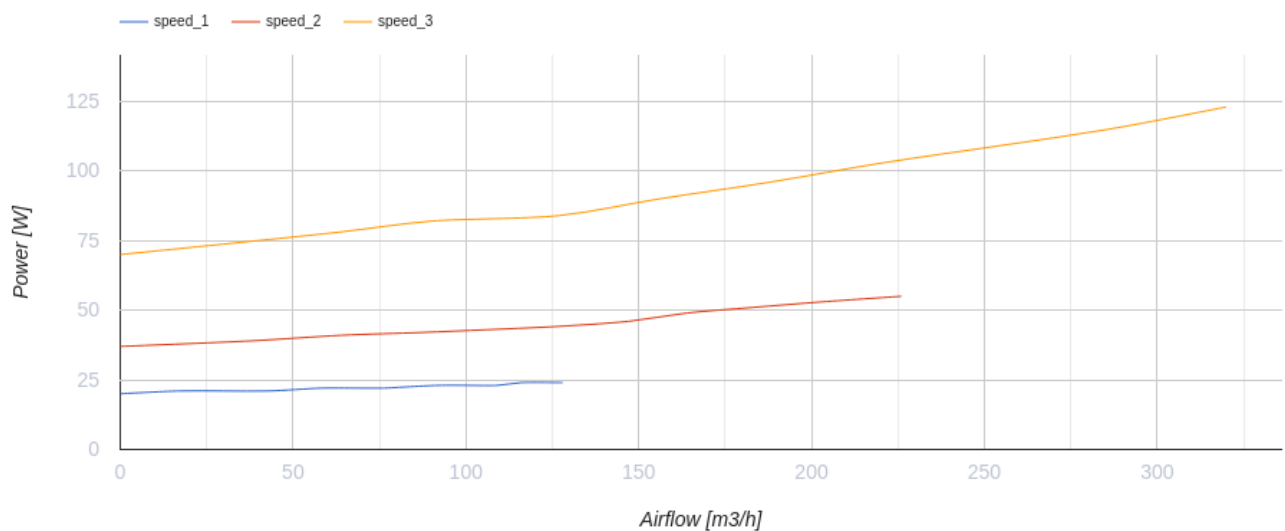
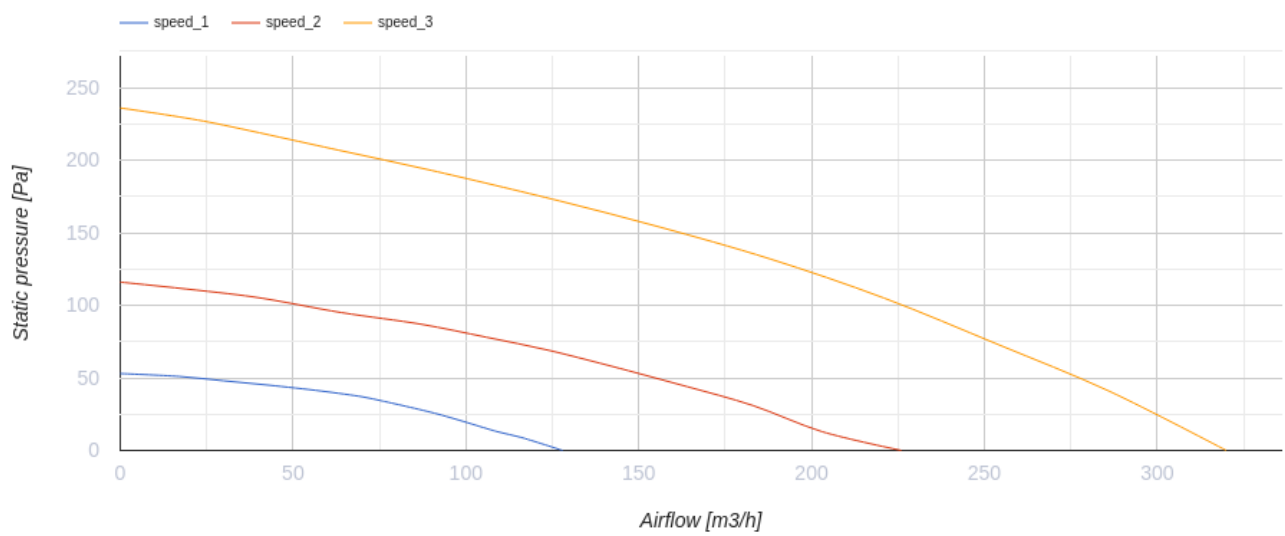
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 1400
- Maximum airflow: 320
- Sound pressure level LpA at 3 m: 21
- Sound pressure level LpA at 1 m: 31
- Heat exchanger type: Counter flow
- Extract filter: G4 x 2
- Supply filter: G4 + F8 (option: F8 C + H11)
- Motor type: EC
- Enthalpy heat exchanger
- 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

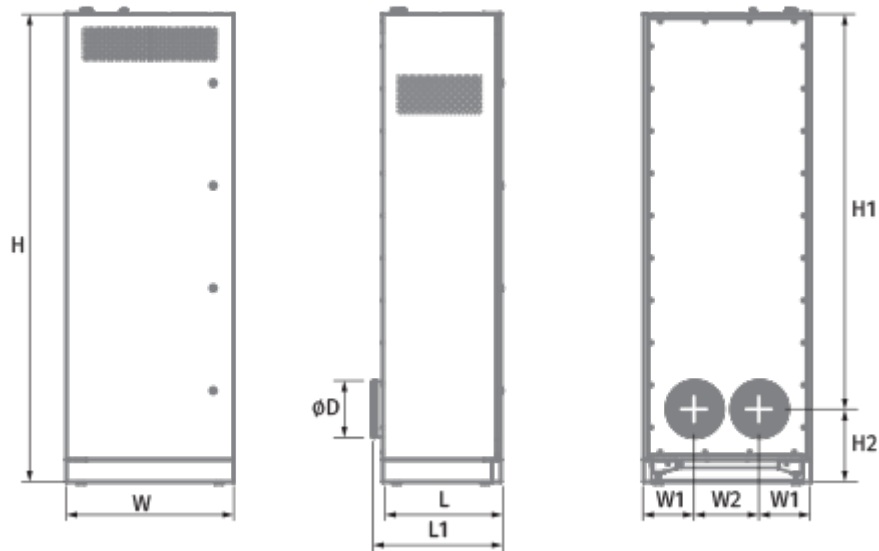
|                                 | Unit of measurement | Civic EC LBE 300-E S21 |
|---------------------------------|---------------------|------------------------|
| Connected air duct size         | mm                  | 200                    |
| Speed                           | -                   | 1                      |
| Phases                          | -                   | 1                      |
| Minimum supply voltage          | V                   | 230                    |
| Maximum supply voltage          | V                   | 230                    |
| Power supply frequency          | Hz                  | 50/60                  |
| Rated power                     | W                   | 125                    |
| Power of electrical preheater   | W                   | 1400                   |
| Unit current                    | A                   | 7                      |
| Maximum airflow                 | m <sup>3</sup> /h   | 320                    |
| rotation speed at 50hz          | -                   | 2150                   |
| Sound pressure level LpA at 3 m | dB(A)               | 21                     |
| Sound pressure level LpA at 1 m | dB(A)               | 31                     |
| Heat recovery efficiency, max   | %                   | 89                     |
| Heat exchanger type             | -                   | Counter flow           |
| Heat exchanger material         | -                   | Enthalpy               |
| Weight                          | kg                  | 137                    |

|  |    |                              |
|--|----|------------------------------|
| 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  |
|-----|------|------|-----|-----|-----|-----|-----|-----|
| 200 | 1770 | 1476 | 294 | 470 | 520 | 620 | 230 | 195 |




## Accessories

### Hoods




| Name                   | Photo | Description |
|------------------------|-------|-------------|
| AH Civic 300 LB chrome |       |             |
| AH Civic 300 LB white  |       |             |

### Other accessories


| Name                 | Photo   | Description     |
|----------------------|---|-----------------|
| FP 308x238x22 G4 PPI |   |                 |
| FP 265x213x48 G4     |  | G4 panel filter |
| FP 384x273x60 F8     |   |                 |
| FP 533x135x48 F8 C   |   |                 |
| FP 533x135x60 H11    |   |                 |

### Control Panels


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

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



### CO2 sensors

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

### Humidity sensors

| Name                | Photo   | Description     |
|---------------------|---|-----------------|
| <a href="#">FS2</a> |  | Humidity sensor |

### Condensation drainage

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