

# Civic EC LBE2 300-E S21

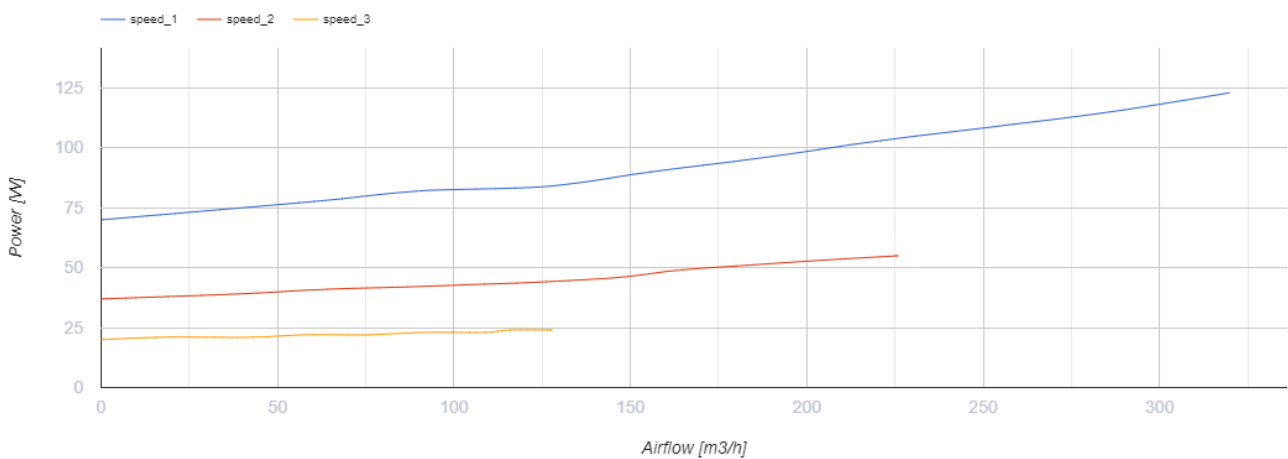
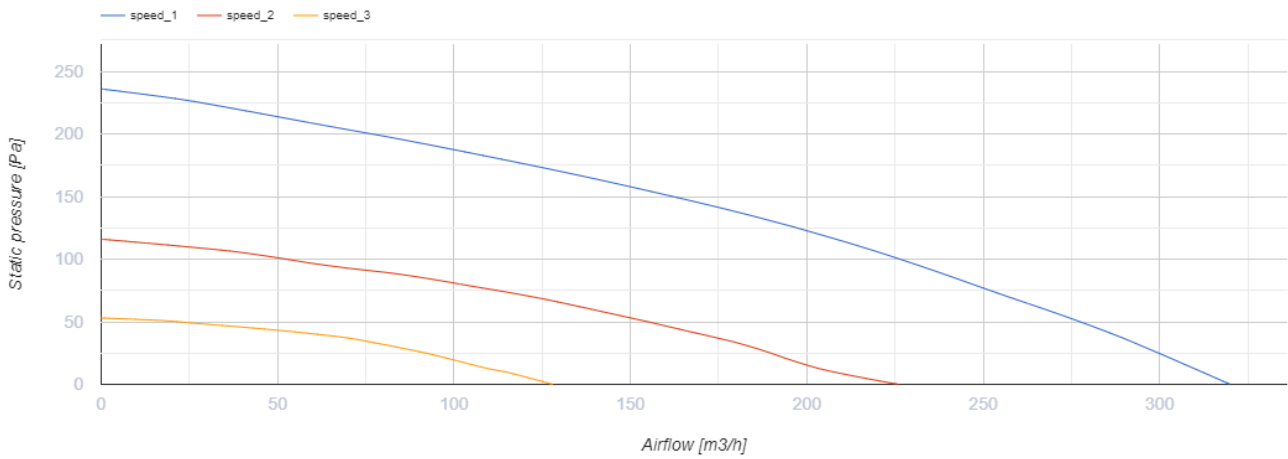
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 1400
- Power of electrical reheater: 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 - Aktivkohle + H11)
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- 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

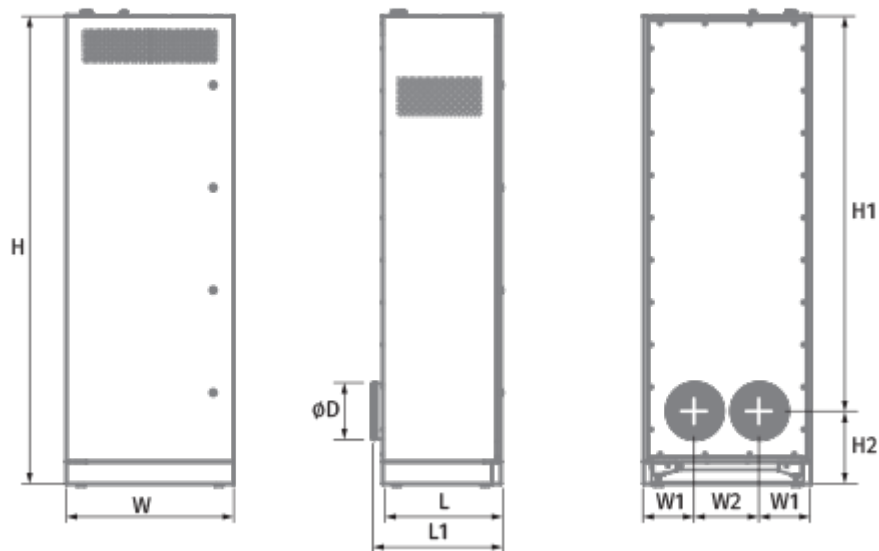
|                                 | Unit of measurement | Civic EC LBE2 300-E S21 |
|---------------------------------|---------------------|-------------------------|
| Connected air duct size         | mm                  | 200                     |
| Speed                           | -                   | 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                    |
| Power of electrical reheater    | W                   | 1400                    |
| Unit current                    | A                   | 13.1                    |
| 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 | 138                                     |
| Extract filter                         | -  | G4 x 2                                  |
| Supply filter                          | -  | G4 + F8 (Option: F8 - Aktivkohle + 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

### Other accessories




| Name                   | Photo   | Description     |
|------------------------|---|-----------------|
| AH Civic 300 LB chrome |   |                 |
| AH Civic 300 LB white  |   |                 |
| FP 308x238x22 G4 PPI   |   |                 |
| FP 265x213x48 G4       |  | G4 panel filter |
| FP 384x273x60 F8       |   |                 |
| FP 533x135x48 F8 C     |   |                 |
| FP 533x135x60 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                               |