

Civic EC LBE2 300-E S21

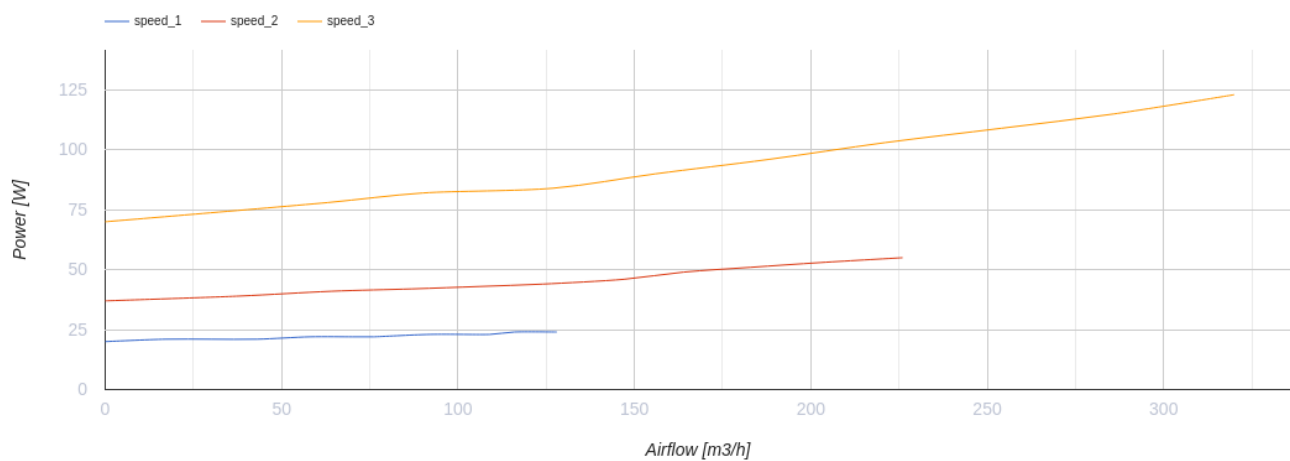
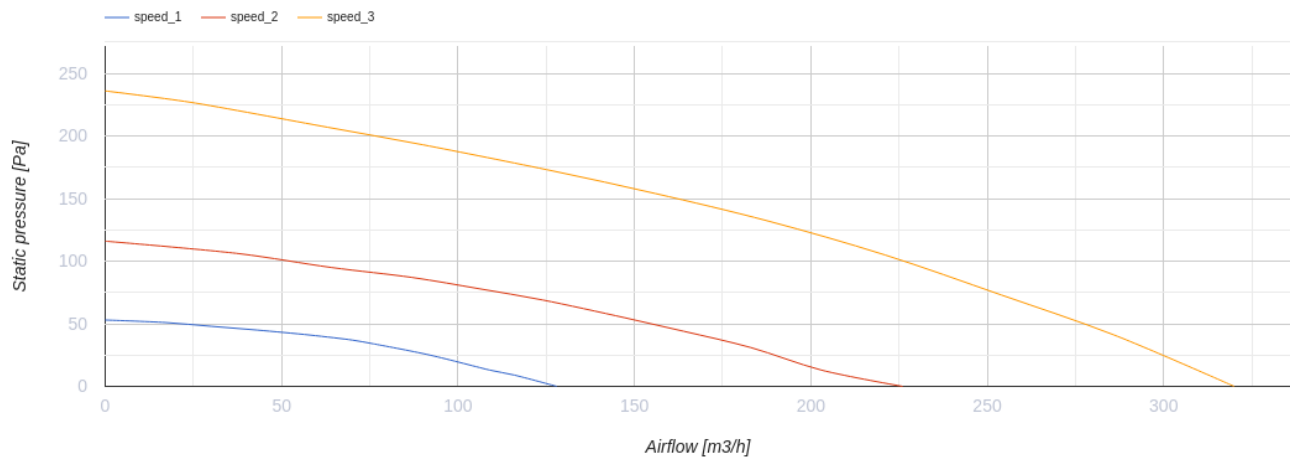
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- 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 C + 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

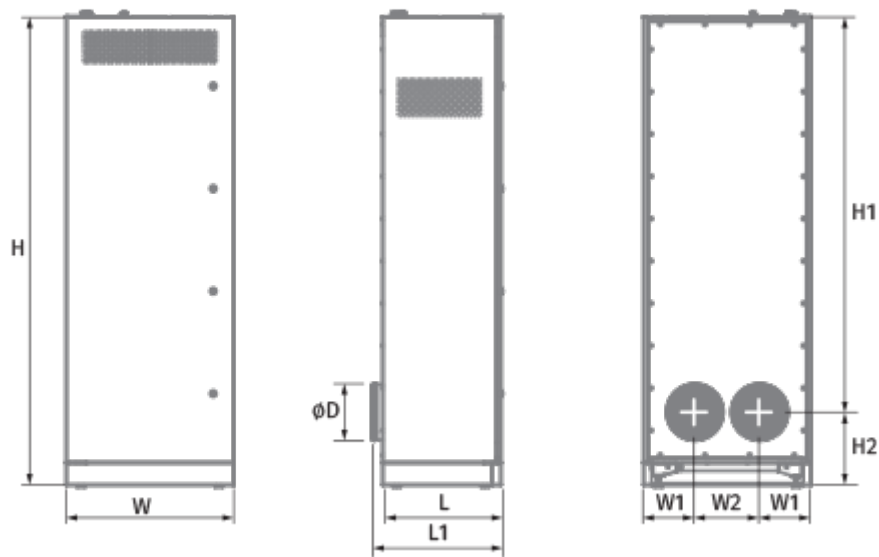
| | Unit of measurement | Civic EC LBE2 300-E S21 |
|---------------------------------|---------------------|-------------------------|
| Connected air duct size | mm | 200 |
| Speed | - | 1 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply 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 ³ /h | 320 |
| 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 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

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 |
|---------------------------|---|----------------|
| S22 |  | Control panels |
| S22 Wi-Fi |  | Control panels |

| | | |
|---------------------|---|-------------------|
| S25 |  | LCD control panel |
|---------------------|---|-------------------|

Other accessories

| Name | Photo | Description |
|----------------------|---|-----------------|
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |
| FS2 |  | Humidity sensor |

Other accessories

| Name | Photo | Description |
|---------------------------|---|--|
| SFK 20x32 |  | Hydraulic syphon for condensate drainage |
| CP-2 |  | Drain pump |