

Civic EC LBE2 1200 S21

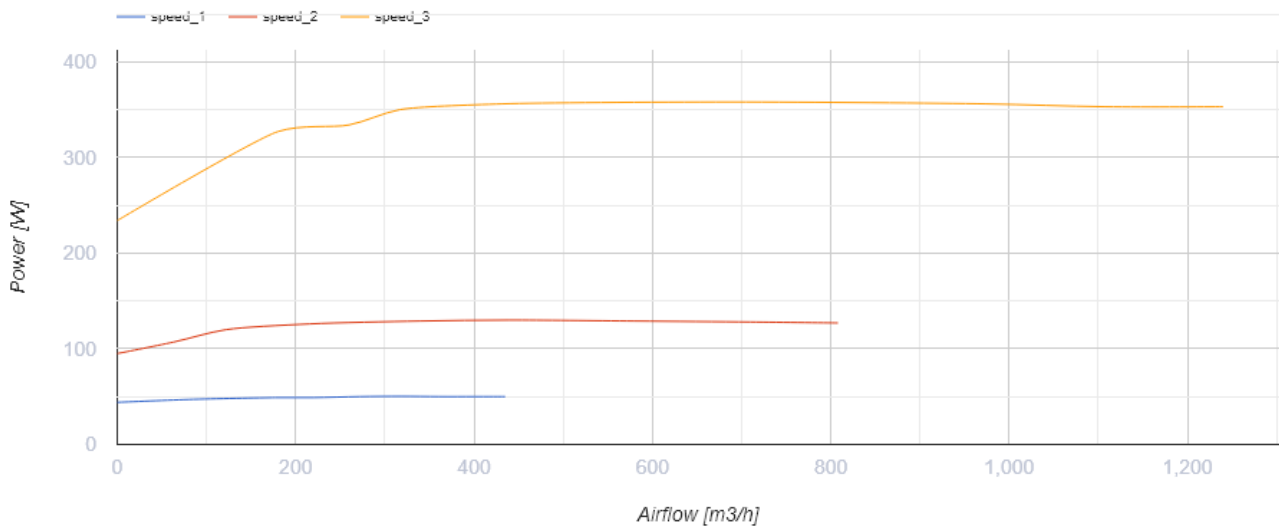
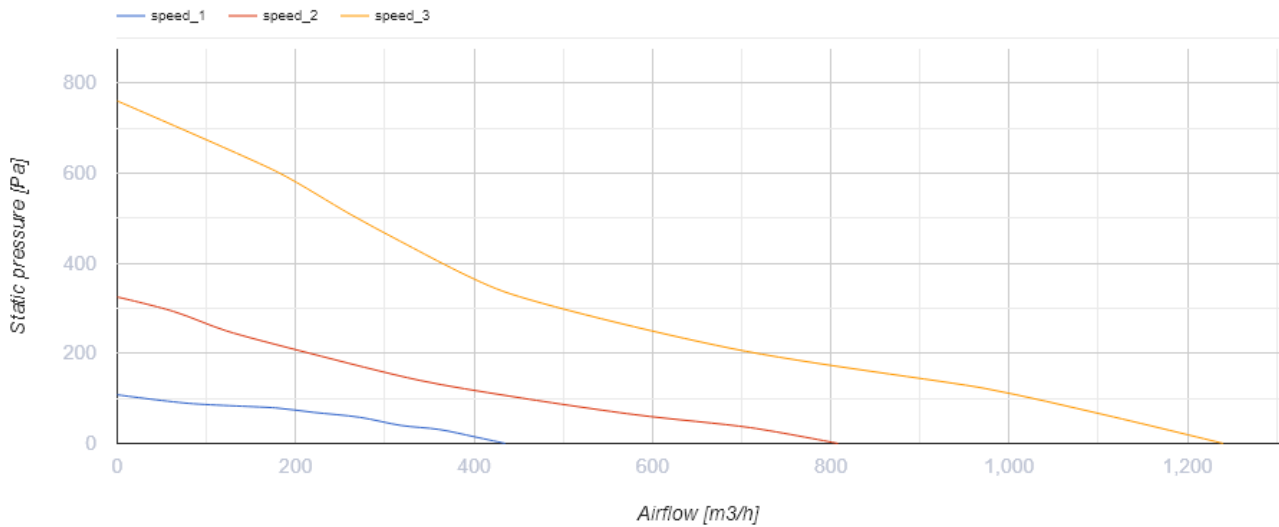
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 6300
- Power of electrical reheater: 6300
- Maximum airflow: 1240
- 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 + (option: F7)
- Motor type: EC
- 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

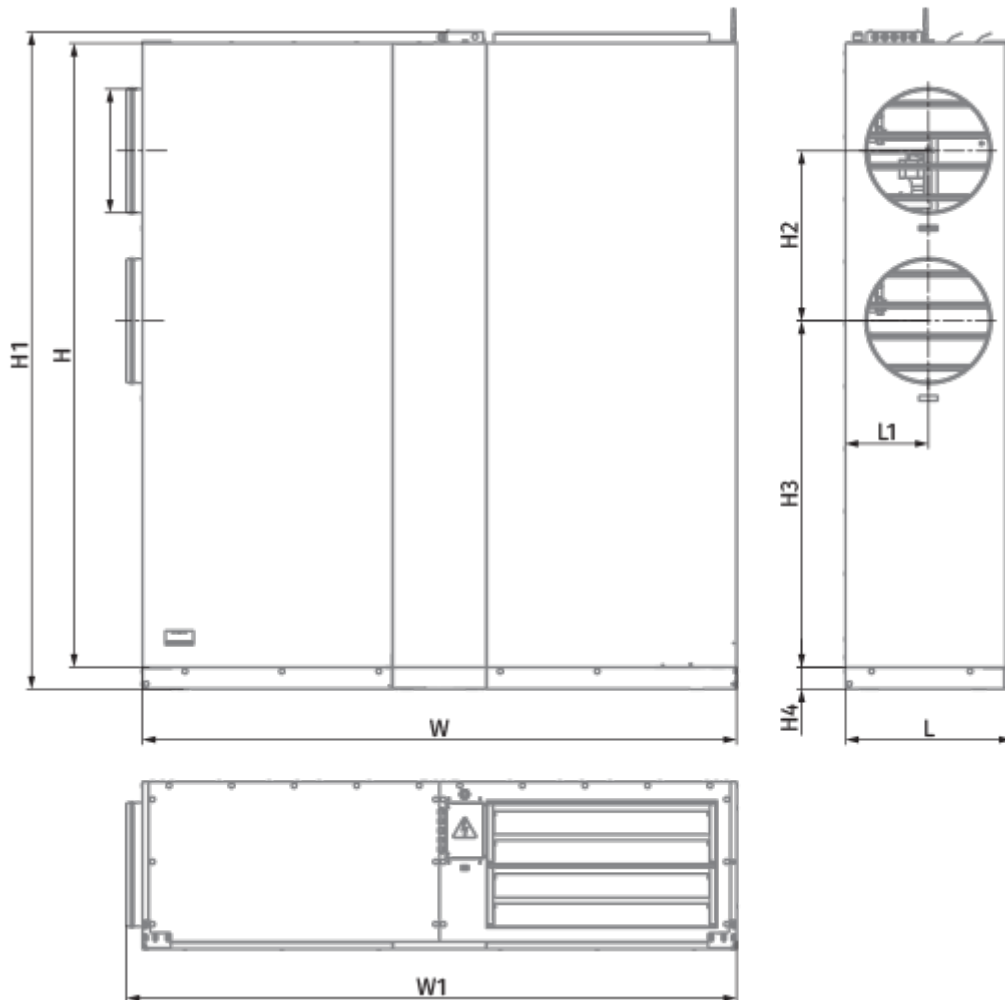
| | Unit of measurement | Civic EC LBE2 1200 S21 |
|---------------------------------|---------------------|------------------------|
| Connected air duct size | mm | 400 |
| Speed | - | 1 |
| Phases | - | 3 |
| Minimum supply voltage | V | 400 |
| Maximum supply voltage | V | 400 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 350 |
| Power of electrical preheater | W | 6300 |
| Power of electrical reheater | W | 6300 |
| Unit current | A | 18.7 |
| Maximum airflow | m ³ /h | 1240 |
| rotation speed at 50hz | - | 3630 |
| Sound pressure level LpA at 3 m | dB(A) | 24 |
| Sound pressure level LpA at 1 m | dB(A) | 34 |
| Heat recovery efficiency, max | % | 96 |
| Heat exchanger type | - | Counter flow |

| | | |
|--|----|-------------------|
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 402 |
| Extract filter | - | G4 |
| Supply filter | - | G4 + (option: F7) |
| 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 | H3 | H4 | L | L1 | W | W1 |
|-----|------|------|-----|------|----|-----|-----|------|------|
| 397 | 2000 | 2106 | 545 | 1110 | 70 | 535 | 265 | 1900 | 1951 |





Accessories

Hoods




| Name | Photo | Description |
|-------------------------|-------|-------------|
| AH Civic 1200 LB chrome | | |
| AH Civic 1200 LB white | | |

Other accessories



| Name | Photo | Description |
|----------------------|-------|-------------|
| FP 450x395x48 G4 PET | | |

| | | |
|------------------|---|-----------------|
| FP 540x450x48 G4 |  | G4 panel filter |
| FP 540x450x48 F7 |  | F7 panel filter |


Control Panels

| Name | Photo | Description |
|---------------------------|---|-------------------|
| S22 |  | Control panels |
| S22 Wi-Fi |  | Control panels |
| S25 |  | LCD control panel |

CO2 sensors



| Name | Photo | Description |
|----------------------|---|-------------|
| CD-1 |  | CO2 sensors |
| CD-2 |  | CO2 sensors |

Humidity sensors

| Name | Photo | Description |
|---------------------|---|-----------------|
| FS2 |  | Humidity sensor |

Condensation drainage

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

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