

Civic EC LBE2 300 S21

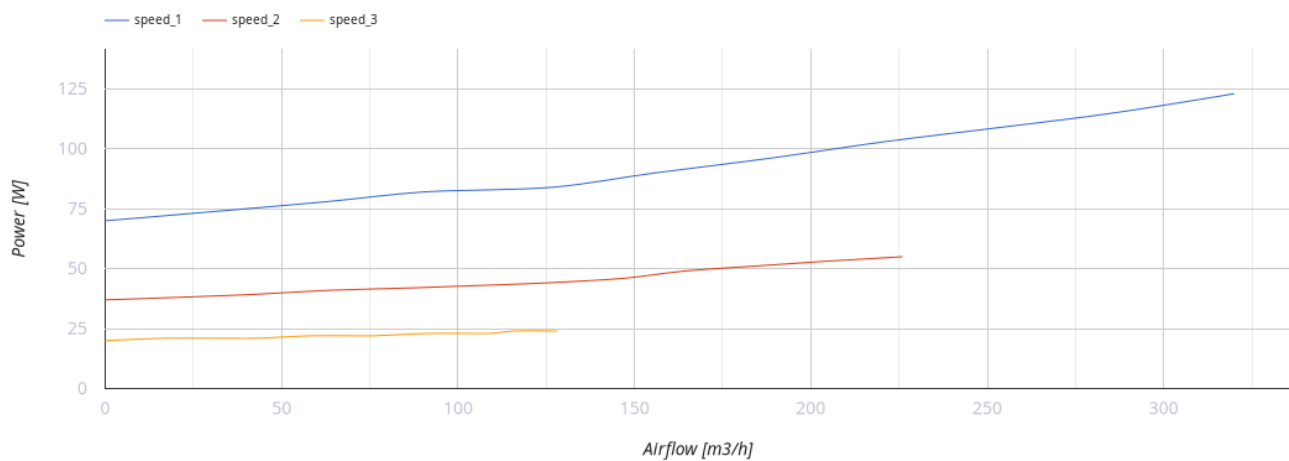
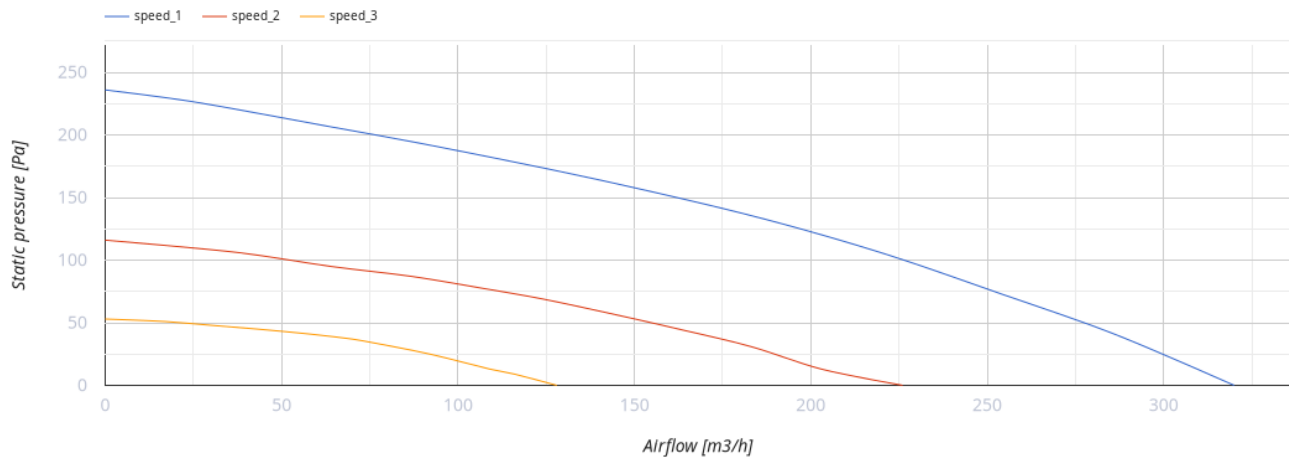


The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises

- 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
- 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 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 |
| 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 | % | 92 |
| Heat exchanger type | - | Counter flow |

| | | |
|--|----|------------------------------|
| Heat exchanger material | - | Polystyrene |
| Weight | kg | 140 |
| 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 |

