

# Civic EC LBE2 1200 S21

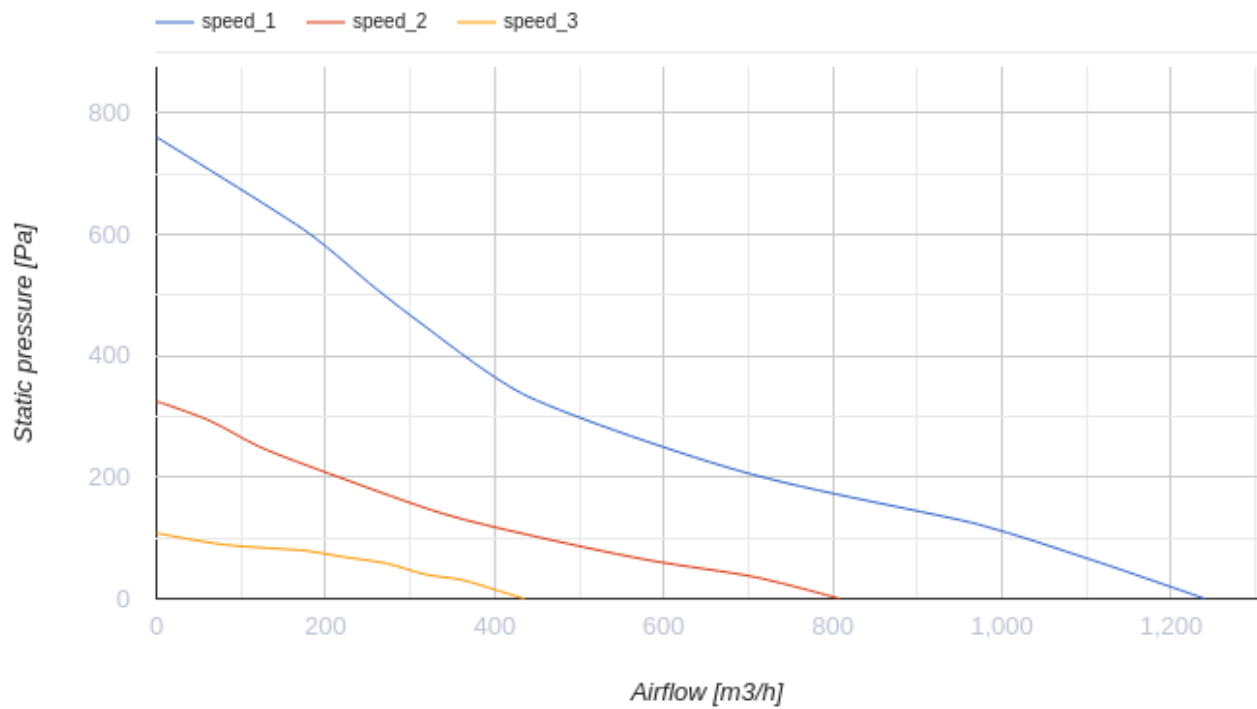
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises

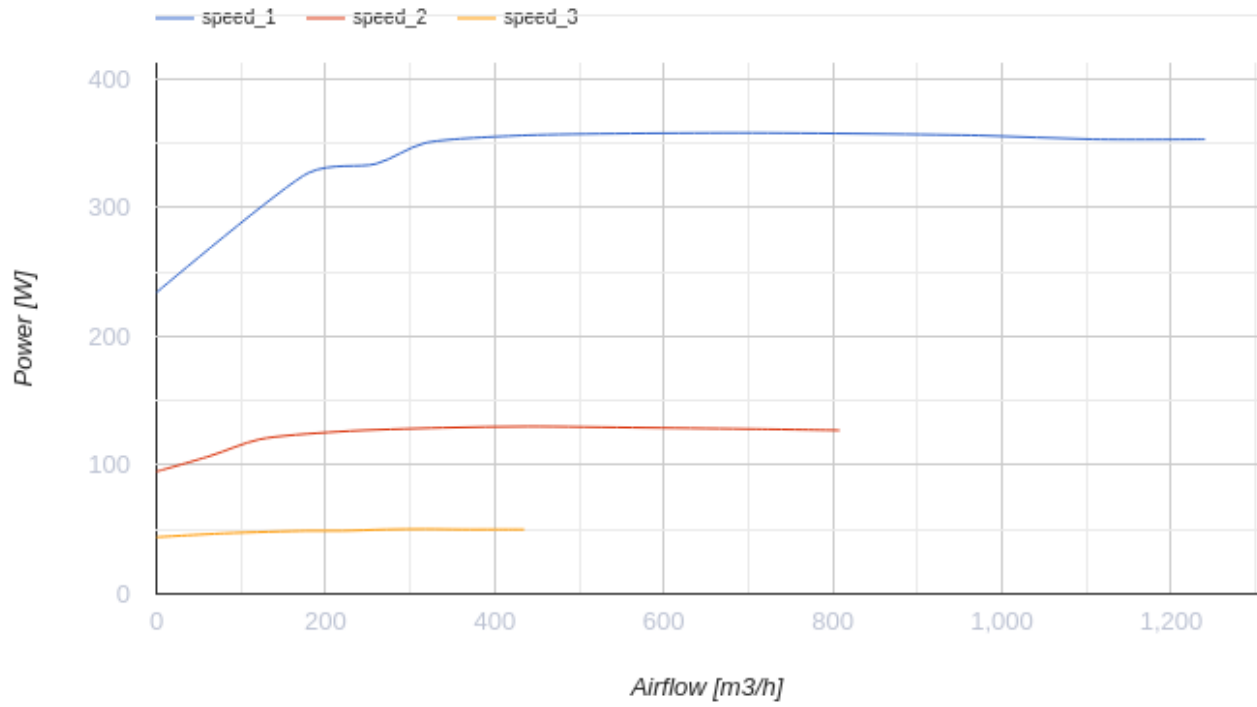


- Power of electrical preheater: 6300
- Power of electrical reheater: 6300
- Maximum airflow: 1240
- Sound pressure level LpA at 3 m: 24
- Sound pressure level LpA at 1 m: 34
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4 + (option: F7)
- Motor type: EC
- Bypass: Auto
- 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 <sup>3</sup> /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

| ∅ D | H    | H1   | H2  | H3   | H4 | L   | L1  | W    | W1   |
|-----|------|------|-----|------|----|-----|-----|------|------|
| 397 | 2000 | 2106 | 545 | 1110 | 70 | 535 | 265 | 1900 | 1951 |

