

# CIVIC EC LBE2 300-E S21 V.2

The CIVIC EC LB V.2 units are designed for singleroom ventilation of schools, offices and other public and commercial premises



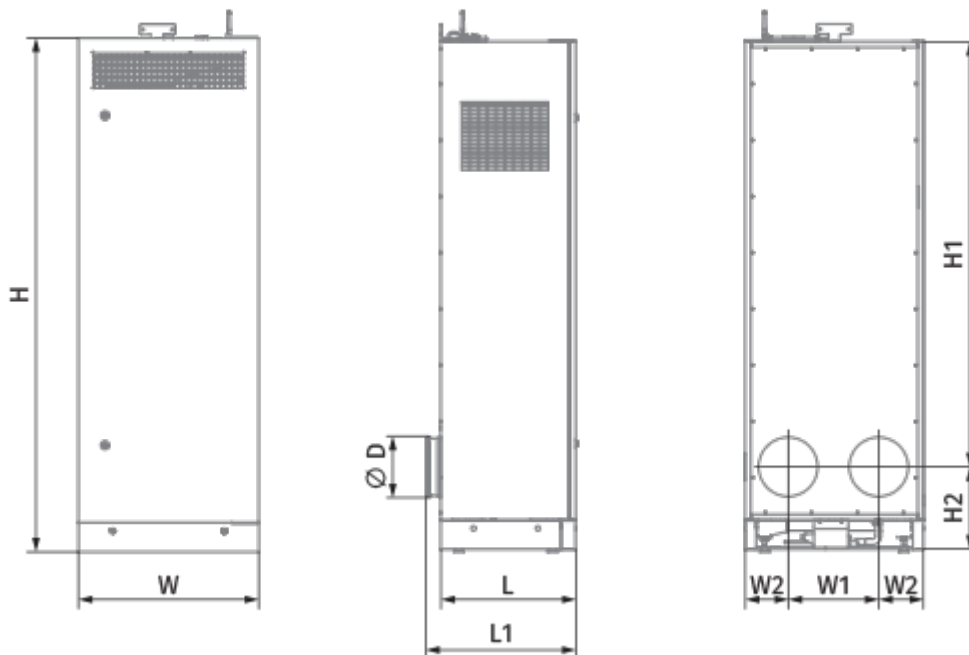
- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Maximum airflow: 320
- Sound pressure level LpA at 3 m: 37
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60 % (G4)
- Supply filter: ISO ePM1 60 % (F7)
- Sound insulation
- Motor type: EC
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

|                                 | Unit of measurement | CIVIC EC LBE2 300-E S21 V.2 |
|---------------------------------|---------------------|-----------------------------|
| 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                   | 96                          |
| Power of electrical preheater   | W                   | 1050                        |
| Power of electrical reheater    | W                   | 700                         |
| Unit current                    | A                   | 11                          |
| Maximum airflow                 | m <sup>3</sup> /h   | 320                         |
| Sound pressure level LpA at 3 m | dB(A)               | 37                          |
| Sound pressure level LpA at 1 m | dB(A)               | 47                          |
| Heat recovery efficiency, max   | %                   | 89                          |
| Heat exchanger type             | -                   | Counter flow                |

|  |    |                       |
|--|----|-----------------------|
| Heat exchanger material                | -  | Enthalpy              |
| Weight                                 | kg | 103                   |
| Extract filter                         | -  | ISO Coarse >60 % (G4) |
| Supply filter                          | -  | ISO ePM1 60 % (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




| W   | W1  | W2  | L   | L1  | H    | H1   | H2  | D   |
|-----|-----|-----|-----|-----|------|------|-----|-----|
| 620 | 310 | 155 | 470 | 520 | 1775 | 1485 | 285 | 200 |






## Accessories

### 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="#">CD-3</a> |   |                 |
| <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                               |

### Other accessories

| Name                   | Photo | Description |
|------------------------|-------|-------------|
| AH Civic 300 LB chrome |       |             |
| AH Civic 300 LB white  |       |             |