

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

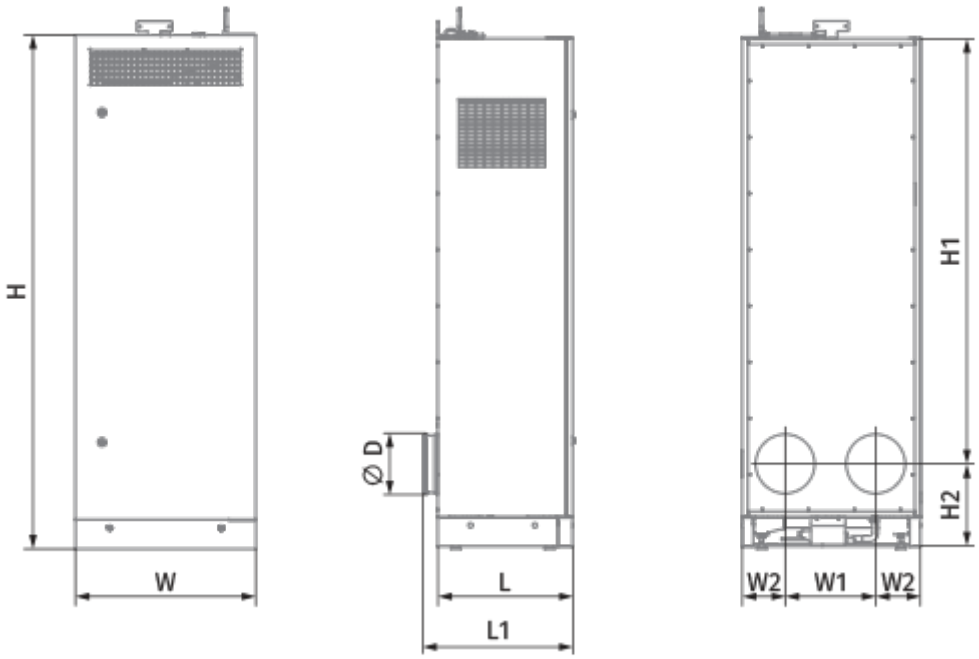
- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Sound pressure level LpA at 3 m: 37
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Supply filter: ISO ePM1 60 % (F7)
- Extract filter: ISO Coarse >60 % (G4)
- Sound-insulated casing
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Built-in
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 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
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	m³/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

Supply filter	-	ISO ePM1 60 % (F7)
Extract filter	-	ISO Coarse >60 % (G4)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature max	°C	40
Ambient air temperature min	°C	1
Ingress protection rating	-	IP20
Ingress protection rating of the drive	-	IP44
Ambient air humidity max	%	60
Minimum wall thickness	mm	100
Maximum wall thickness	mm	2000

Dimensions

Ø D	H	H1	H2	L	L1	W / B	W1 / B1	W2 / B2
200	1775	1485	285	470	520	620	310	155



Accessories

Condensation drainage

Name	Photo	Description

SFK 20x32		Hydraulic syphon for condensate drainage

Condensation drainage

Name	Photo	Description
CP-2		Drain pump

Control Panels

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

CO2 sensors

Name	Photo	Description
CD-1		CO2 sensors
CD-2		CO2 sensors
CD-3		Carbon dioxide sensor

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Sensors

Name	Photo	Description

DPWC11200		Humidity and temperature sensor
DPWQ40200		CO2 sensor

VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensor

Other accessories

Name	Photo	Description
FP 384x273x60 F7		F7 panel filter
FP 203x308x20 G4 (2 pcs.)		G4 panel filter