

CIVIC EC LBECP 1200 R S21 V.2

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

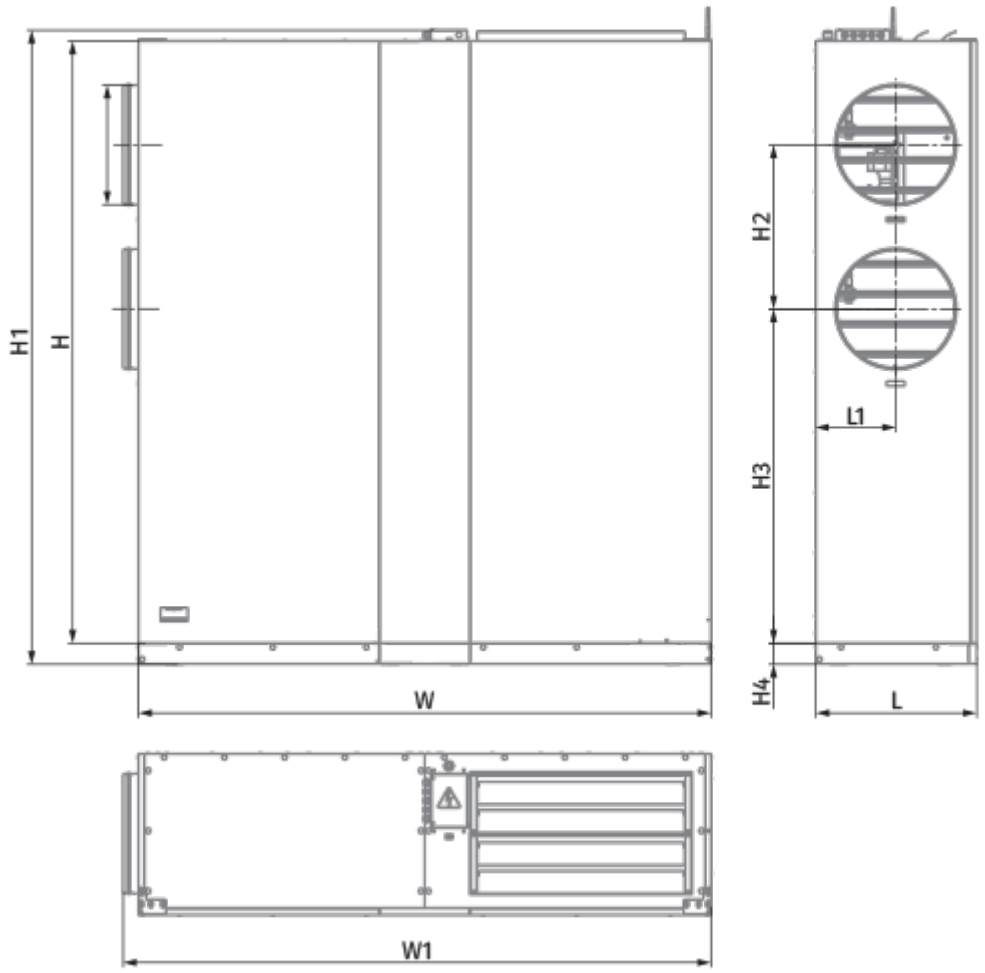
- Power of electrical preheater: 3150
- Sound pressure level LpA at 3 m: 30
- Sound pressure level LpA at 1 m: 40
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: ISO ePM1 ≥ 50 % (F7)
- Extract filter: ISO Coarse ≥ 60 % (G4)
- Sound-insulated casing
- Bypass: Auto
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

	Unit of measurement	CIVIC EC LBECP 1200 R S21 V.2
Connected air duct size	mm	400
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	345
Power of electrical preheater	W	3150
Unit current	A	12
Maximum airflow	m³/h	1240
Sound pressure level LpA at 3 m	dB(A)	30
Sound pressure level LpA at 1 m	dB(A)	40
Heat recovery efficiency, max	%	96
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	358
Supply filter	-	ISO ePM1 ≥ 50 % (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
Maximum wall thickness	mm	2000

Dimensions

Ø D	H	H1	H2	H3	H4	L	L1	B	B1
400	2000	2106	545	1110	70	535	265	1900	1951



Accessories

Condensation drainage

Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage
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
DPWC11200		Humidity and temperature sensor

Hoods

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

Other accessories

Name	Photo	Description
FP 540x450x48 F7		F7 panel filter
FP 450x395x48 G4		G4 panel filter

VOC sensors

Name	Photo	Description
DPWQ30600		VOC sensor
DPWQ40200		CO2 sensor