



# CIVIC EC LB 500 S21 V.2

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

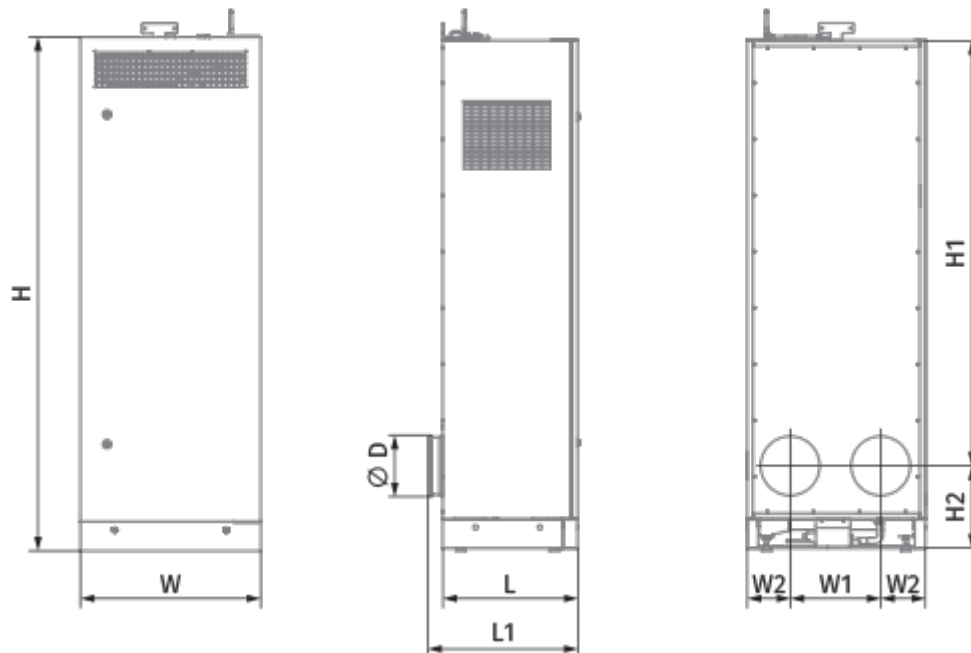
- Maximum airflow: 580
- Sound pressure level LpA at 3 m: 38
- Sound pressure level LpA at 1 m: 47
- Heat exchanger type: Counter flow
- Extract filter: ISO Coarse >60 % (G4)
- Supply filter: ISO ePM1 60 % (F7)
- Sound insulation
- Motor type: EC
- Bypass: Auto
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor

	Unit of measurement	CIVIC EC LB 500 S21 V.2
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	370
Unit current	A	2.5
Maximum airflow	m <sup>3</sup> /h	580
Sound pressure level LpA at 3 m	dB(A)	38
Sound pressure level LpA at 1 m	dB(A)	47
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	139
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
750	350	200	535	585	2170	1865	305	250





## Accessories


### Control Panels

Name	Photo	Description
<a href="#">S22</a>		Control panels
<a href="#">S25</a>		LCD control panel



### CO2 sensors

Name	Photo	Description
<a href="#">CD-1</a>		CO2 sensors
<a href="#">CD-2</a>		CO2 sensors
<a href="#">CD-3</a>		

### Humidity sensors

Name	Photo	Description
<a href="#">FS2</a>		Humidity sensor

### Condensation drainage

Name	Photo	Description
<a href="#">SFK 20x32</a>		Hydraulic syphon for condensate drainage
<a href="#">CP-2</a>		Drain pump

### Hoods

Name	Photo	Description
AH Civic 500 LB chrome		
AH Civic 500 LB white		