

# CIVIC EC D1BE2 500 S21

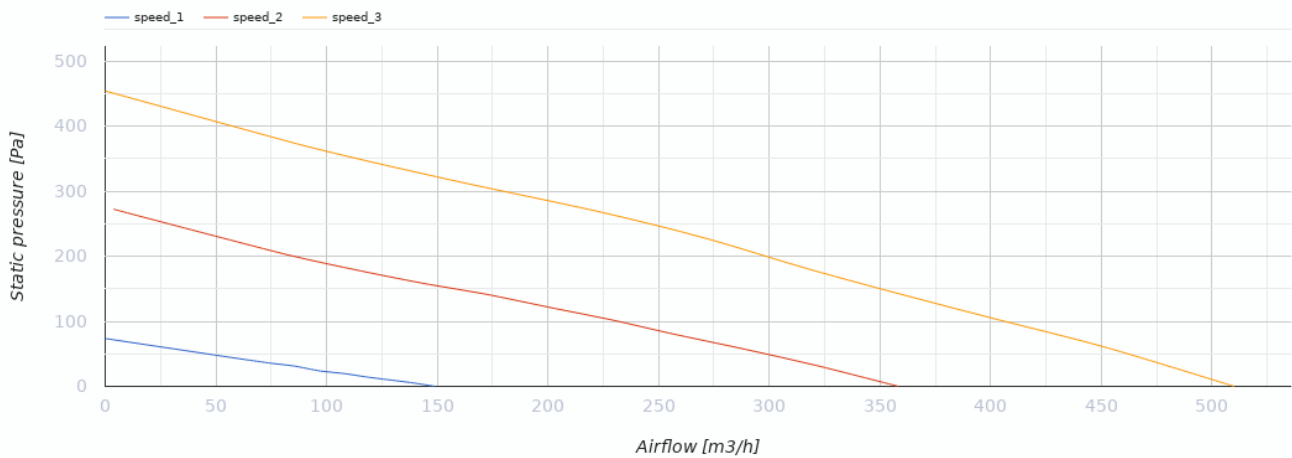
The CIVIC EC DB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 1750
- Power of electrical reheater: 1750
- Sound pressure level LpA at 3 m: 24
- Sound pressure level LpA at 1 m: 34
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Extract filter: G4
- Supply filter: G4, F8 (option F8 C + H11)
- Bypass: Auto
- Preheater: Electric
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel, Wireless control panel, Smartphone
- Casing material: Coated steel
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

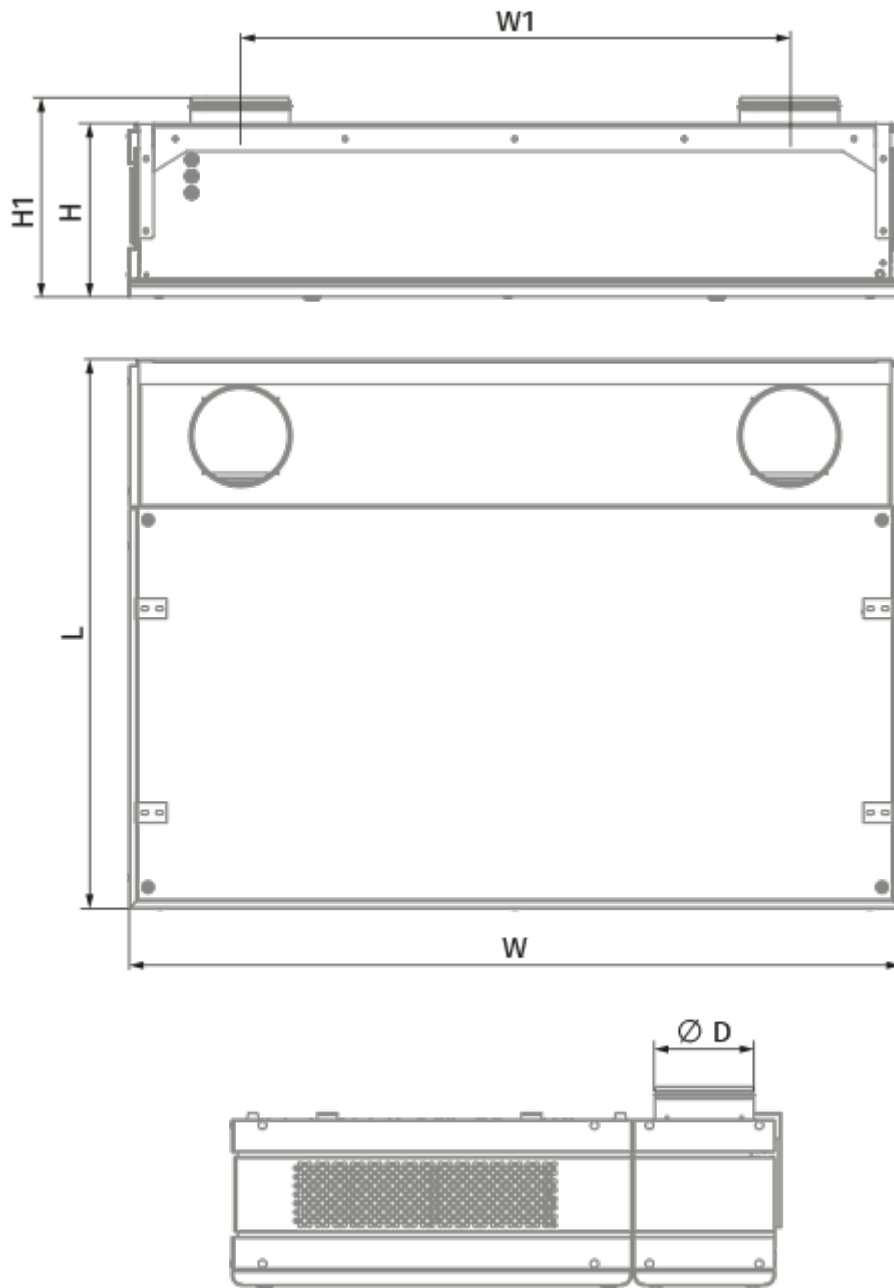
	Unit of measurement	CIVIC EC D1BE2 500 S21
Connected air duct size	mm	250
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	170
Power of electrical preheater	W	1750
Power of electrical reheater	W	1750
Unit current	A	18.2
Maximum airflow	m <sup>3</sup> /h	510
Rotation speed at 50hz	-	1700
Sound pressure level LpA at 3 m	dB(A)	24
Sound pressure level LpA at 1 m	dB(A)	34
Heat recovery efficiency, max	%	86
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	130
Extract filter	-	G4

Supply filter	-	G4, F8 (option F8 C + H11)
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
Article	-	8073731





## Dimensions

Ø D	H	H1	L	L1	W	W1
249	386	462	1349	1083	1806	1314






## Accessories



### Condensation drainage

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


## Control Panels

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

## CO2 sensors

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

## Humidity sensors

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

## Other accessories

Name	Photo	Description
FP 325x314x48 G4		G4 panel filter
FP 325x388x48 G4		G4 panel filter

## Metal

Name	Photo	Description
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