

# Civic EC LBE2 500 S21

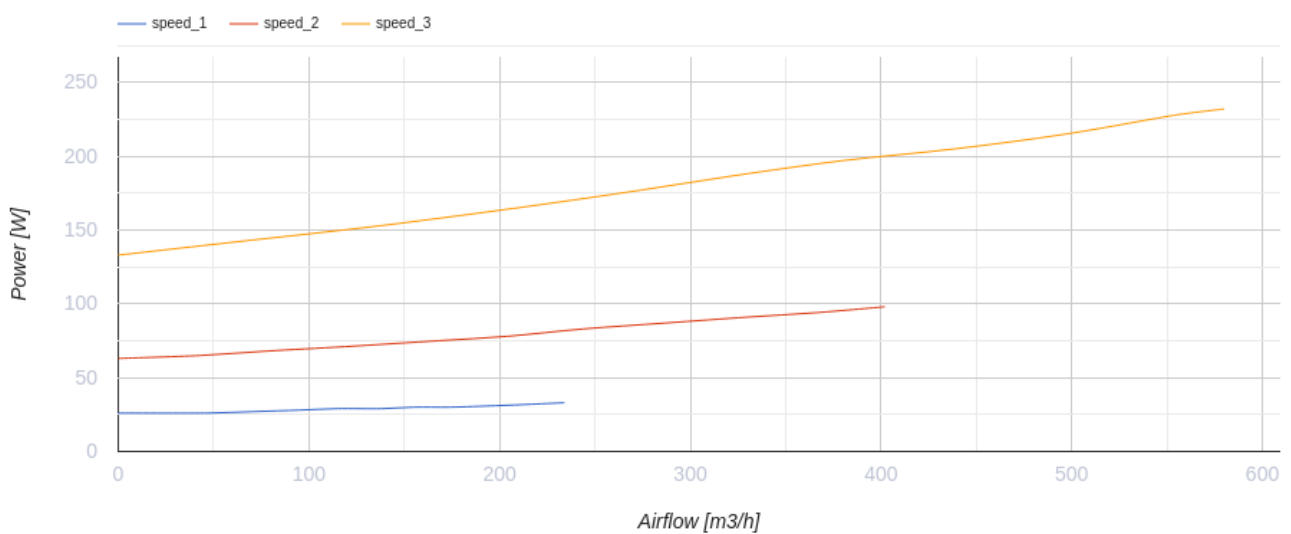
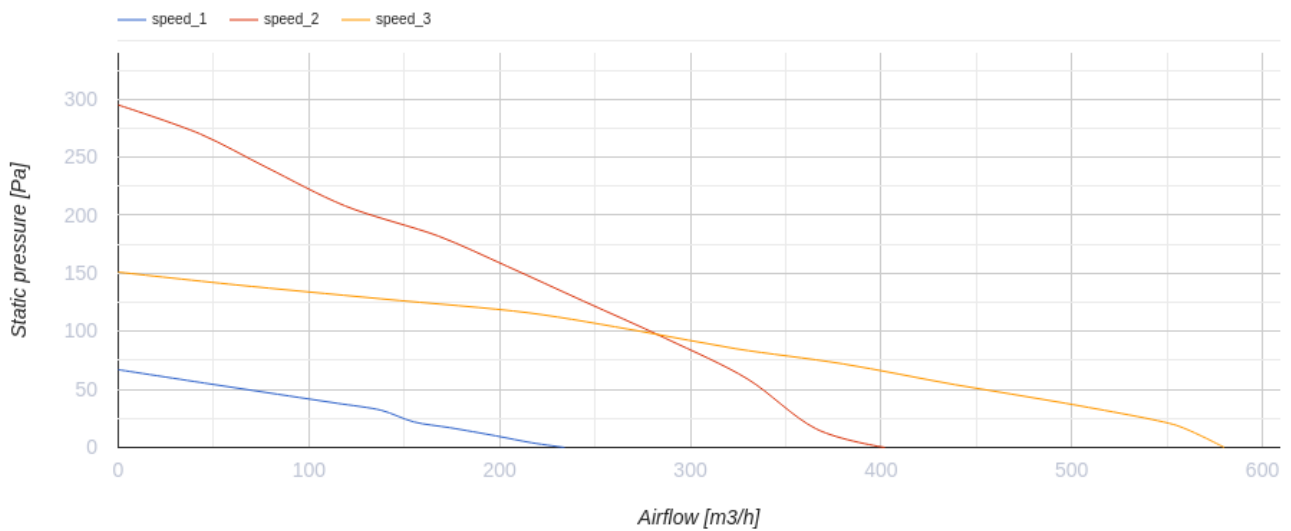


The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises

- Power of electrical preheater: 1400
- Power of electrical reheater: 2800
- Maximum airflow: 580
- Sound pressure level LpA at 3 m: 25
- Sound pressure level LpA at 1 m: 35
- Heat exchanger type: Counter flow
- Extract filter: G4 x 2
- Supply filter: G4 + F8 (option: F8 C + H11)
- Motor type: EC
- Bypass: Auto
- Reheater: Electric
- Preheater: Electric
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

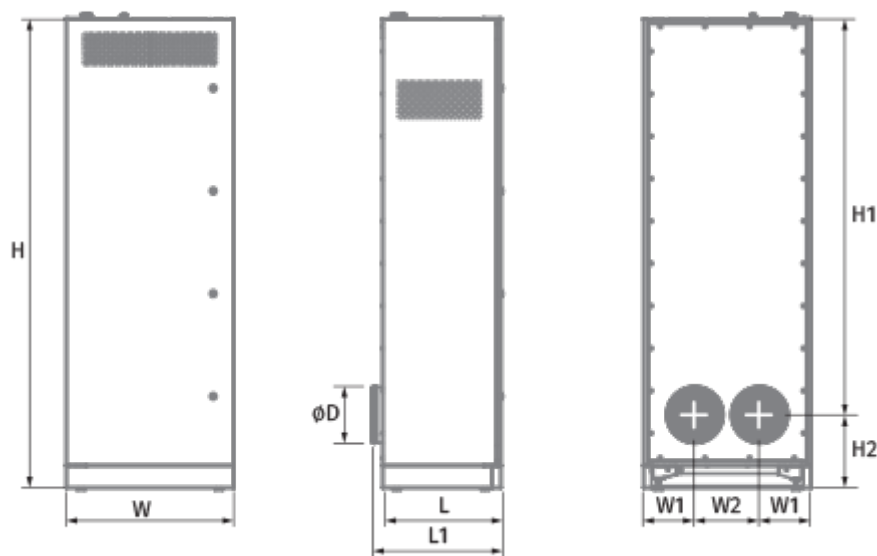
	Unit of measurement	Civic EC LBE2 500 S21
Connected air duct size	mm	250
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	230
Power of electrical preheater	W	1400
Power of electrical reheater	W	2800
Unit current	A	20
Maximum airflow	m <sup>3</sup> /h	580
rotation speed at 50hz	-	1280
Sound pressure level LpA at 3 m	dB(A)	25
Sound pressure level LpA at 1 m	dB(A)	35
Heat recovery efficiency, max	%	94
Heat exchanger type	-	Counter flow

Heat exchanger material	-	Polystyrene
Weight	kg	194
Extract filter	-	G4 x 2
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



## Dimensions

Ø D	H	H1	H2	L	L1	W	W1	W2
250	2170	1833	337	535	585	750	290	230




## Accessories

### Hoods




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

### Other accessories


Name	Photo	Description
FP 450x257x27 G4 PPI		
FP 318x290x22 G4		G4 panel filter
FP 318x290x60 F8		
FP 666x196x48 F8 C		
FP 666x196x60 H11		

### Control Panels


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

### 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