

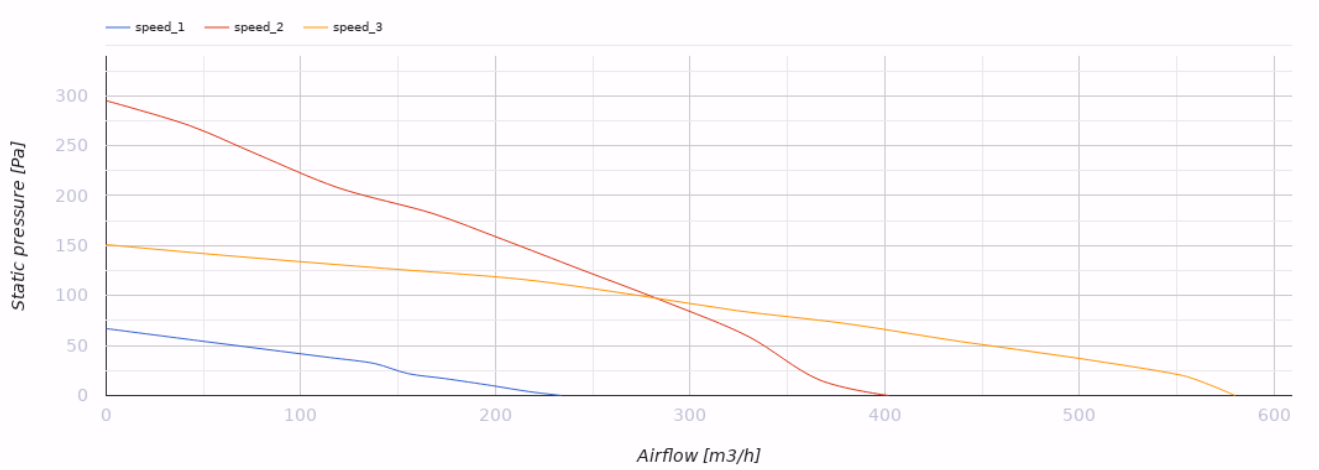
Civic EC LBE 500 S21

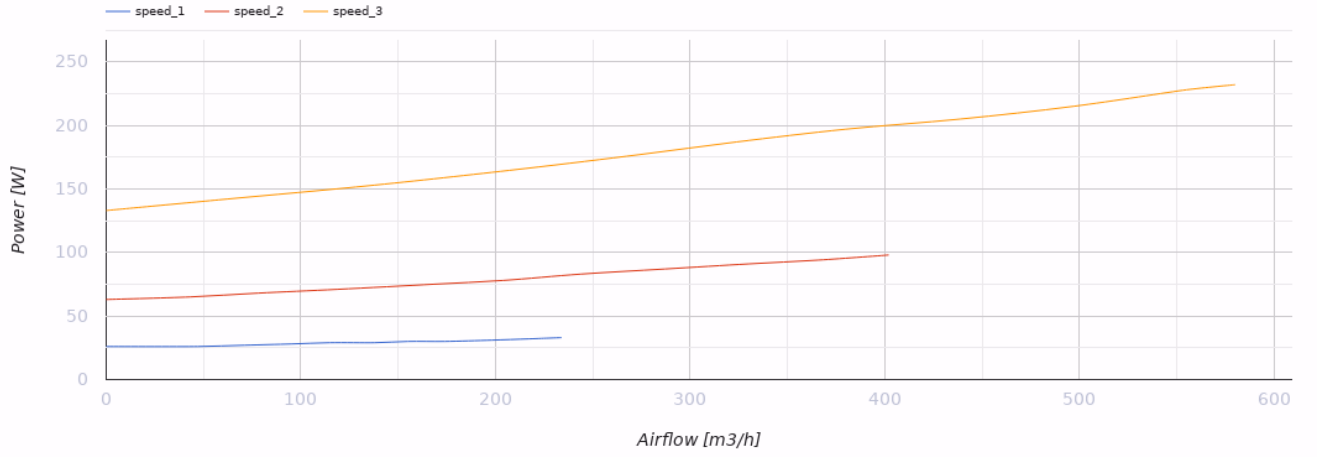
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises

- Power of electrical preheater: 1400
- Sound pressure level LpA at 1 m: 35
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Bypass: Auto
- Preheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel, Wireless control panel, Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	Civic EC LBE 500 S21
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Power of electrical preheater	W	1400
Maximum airflow	m³/h	580
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	193
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IP20
Ambient air humidity max	%	60
Ingress protection rating of the drive	-	IP44
Minimum wall thickness	mm	100

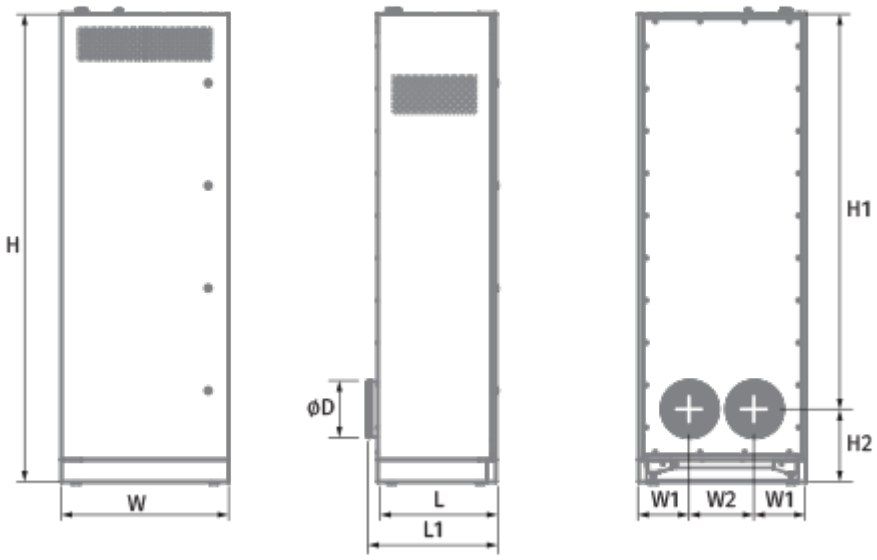
Maximum wall thickness	mm	2000





Dimensions

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



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

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Hoods

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

Other accessories

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