

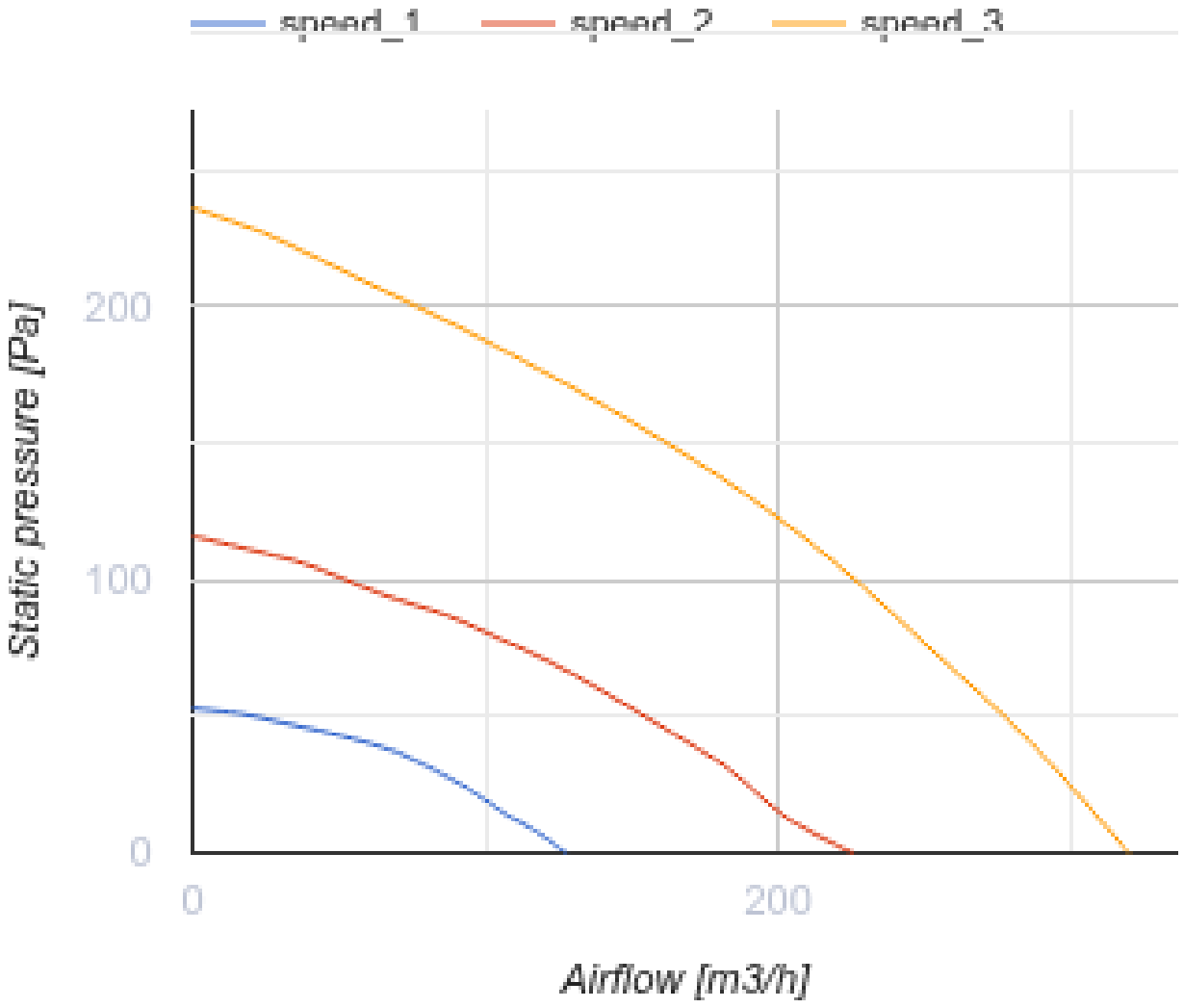
Civic EC LBE 300 S21

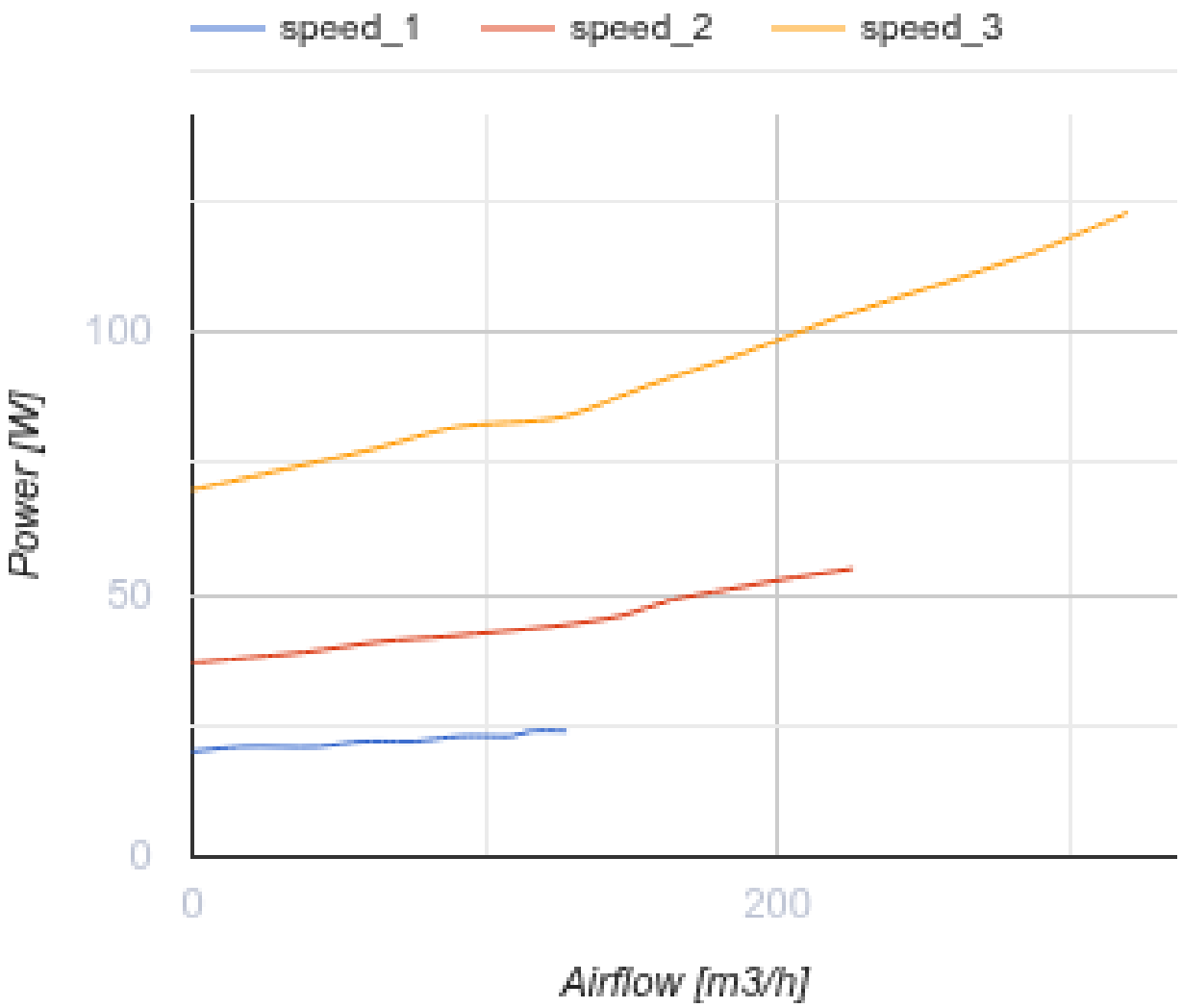
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises

- Power of electrical preheater: 1400
- Sound pressure level LpA at 3 m: 21
- Sound pressure level LpA at 1 m: 31
- Heat exchanger type: Counter flow
- Heat exchanger material: Polystyrene
- Supply filter: G4 + F8 (option: F8 C + H11)
- Extract filter: G4 x 2
- 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 300 S21
Connected air duct size	mm	200
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	125
Power of electrical preheater	W	1400
Unit current	A	7
Maximum airflow	m³/h	320
Rotation speed at 50hz	-	2150
Sound pressure level LpA at 3 m	dB(A)	21
Sound pressure level LpA at 1 m	dB(A)	31
Heat recovery efficiency, max	%	92
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	139
Supply filter	-	G4 + F8 (option: F8 C + H11)
Extract filter	-	G4 x 2

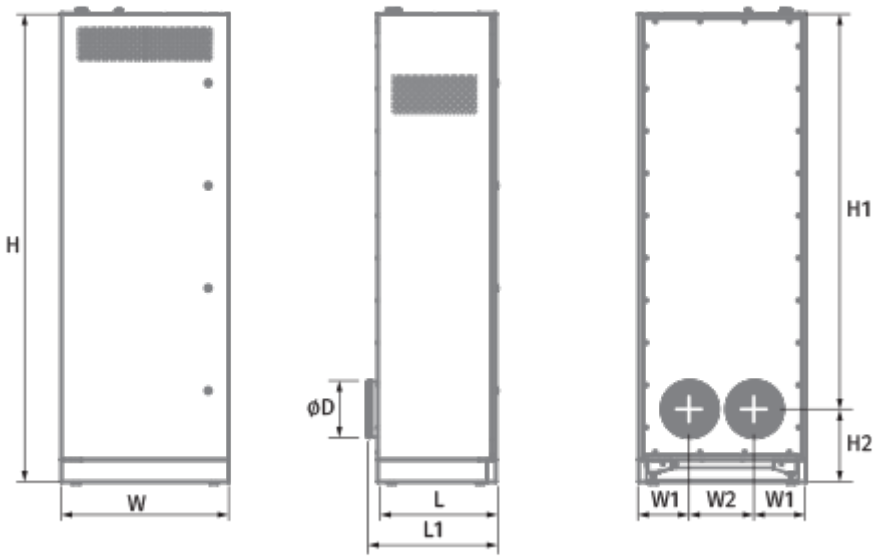
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IP20
Ambient air humidity max	%	60
Ingress protection rating of the drive	-	IP44
Minimum wall thickness	mm	100
Maximum wall thickness	mm	2000





Dimensions

Ø D	H	H1	H2	L	L1	W	W1	W2
200	1770	1476	294	470	520	620	230	195



Accessories

Condensation drainage

Name	Photo	Description
SFK 20x32		Hydraulic syphon for condensate drainage

Condensation drainage

Name	Photo	Description
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

Other accessories

Name	Photo	Description
FP 265x213x48 G4		G4 panel filter