

# Civic EC LBE2 300-E S21

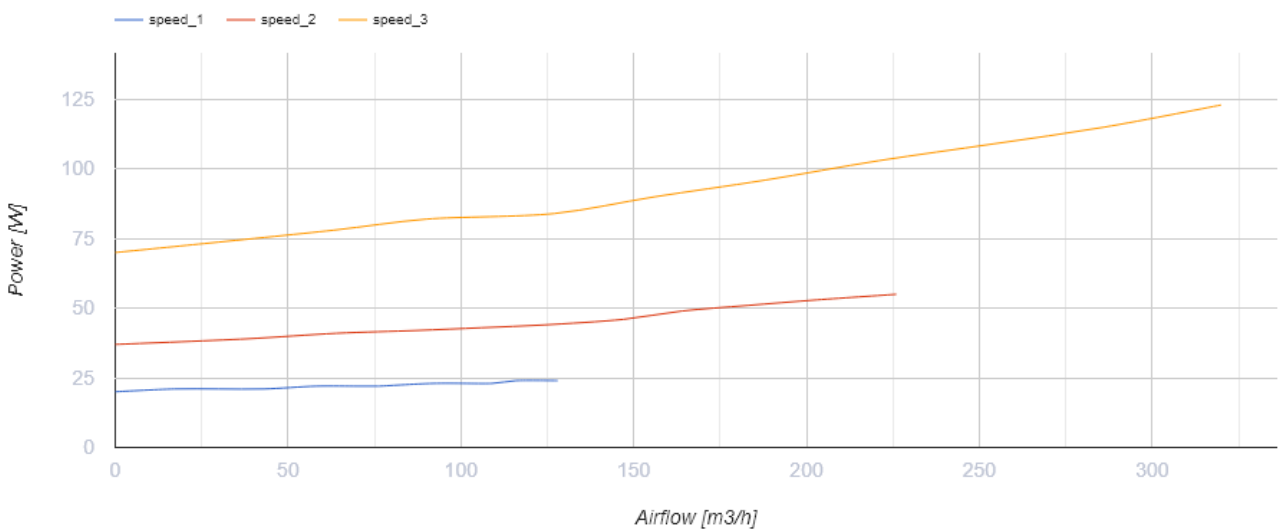
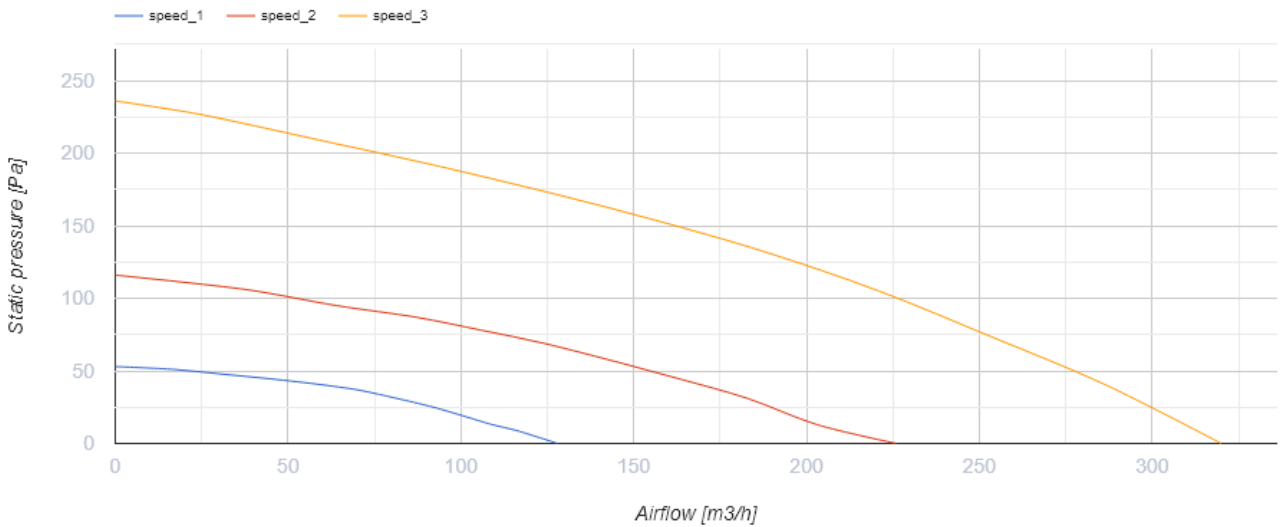
The CIVIC EC LB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 1400
- Power of electrical reheater: 1400
- Maximum airflow: 320
- Sound pressure level LpA at 3 m: 21
- Sound pressure level LpA at 1 m: 31
- Heat exchanger type: Counter flow
- Extract filter: G4 x 2
- Supply filter: G4 + F8 (option: F8 C + H11)
- Motor type: EC
- Enthalpy heat exchanger
- 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 300-E S21
Connected air duct size	mm	200
Speed	-	1
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
Power of electrical reheater	W	1400
Unit current	A	13.1
Maximum airflow	m <sup>3</sup> /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	%	89
Heat exchanger type	-	Counter flow

Heat exchanger material	-	Enthalpy
Weight	kg	138
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
200	1770	1476	294	470	520	620	230	195

