

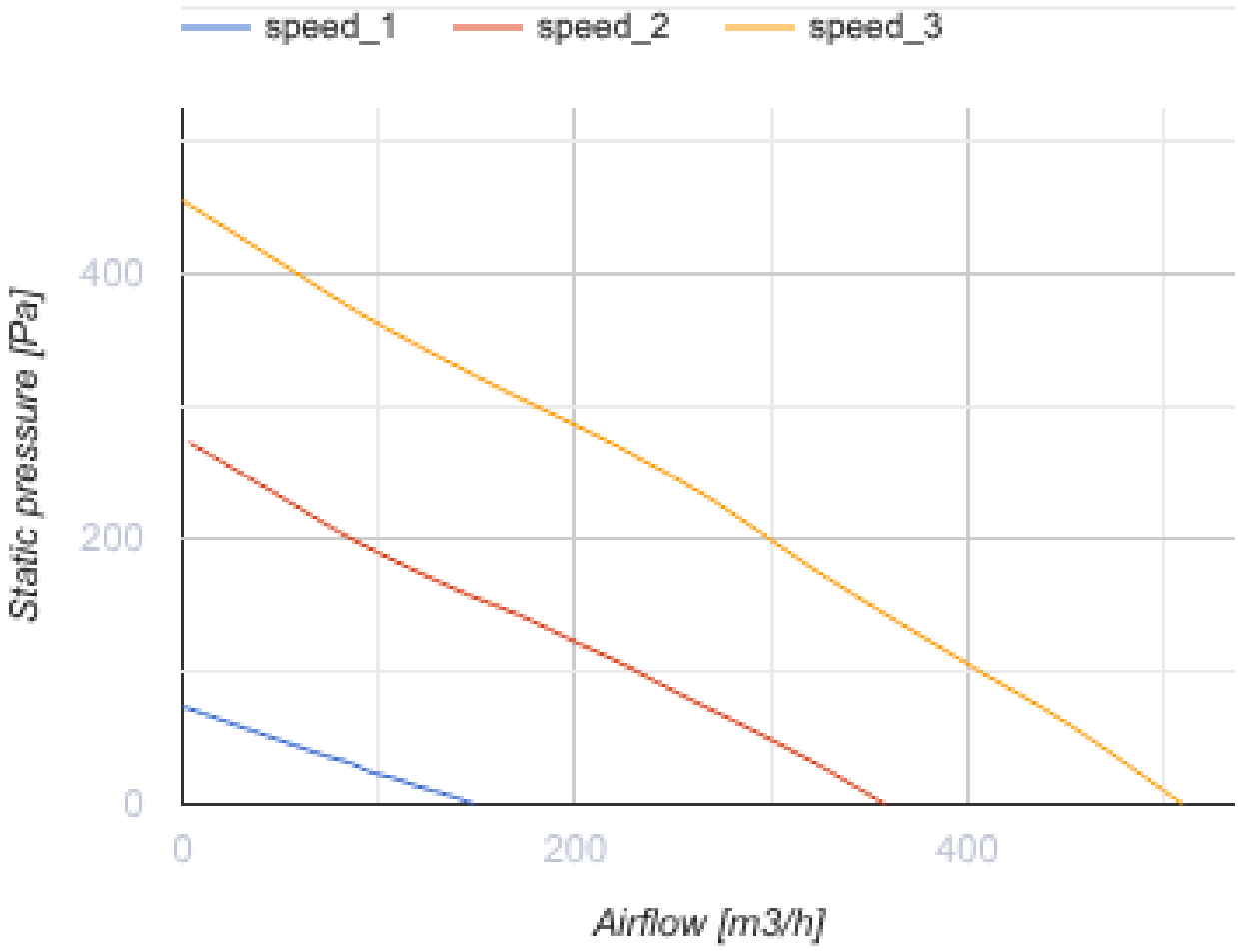
CIVIC EC D1BE 500 S21

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
- Sound pressure level LpA at 1 m: 34
- 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

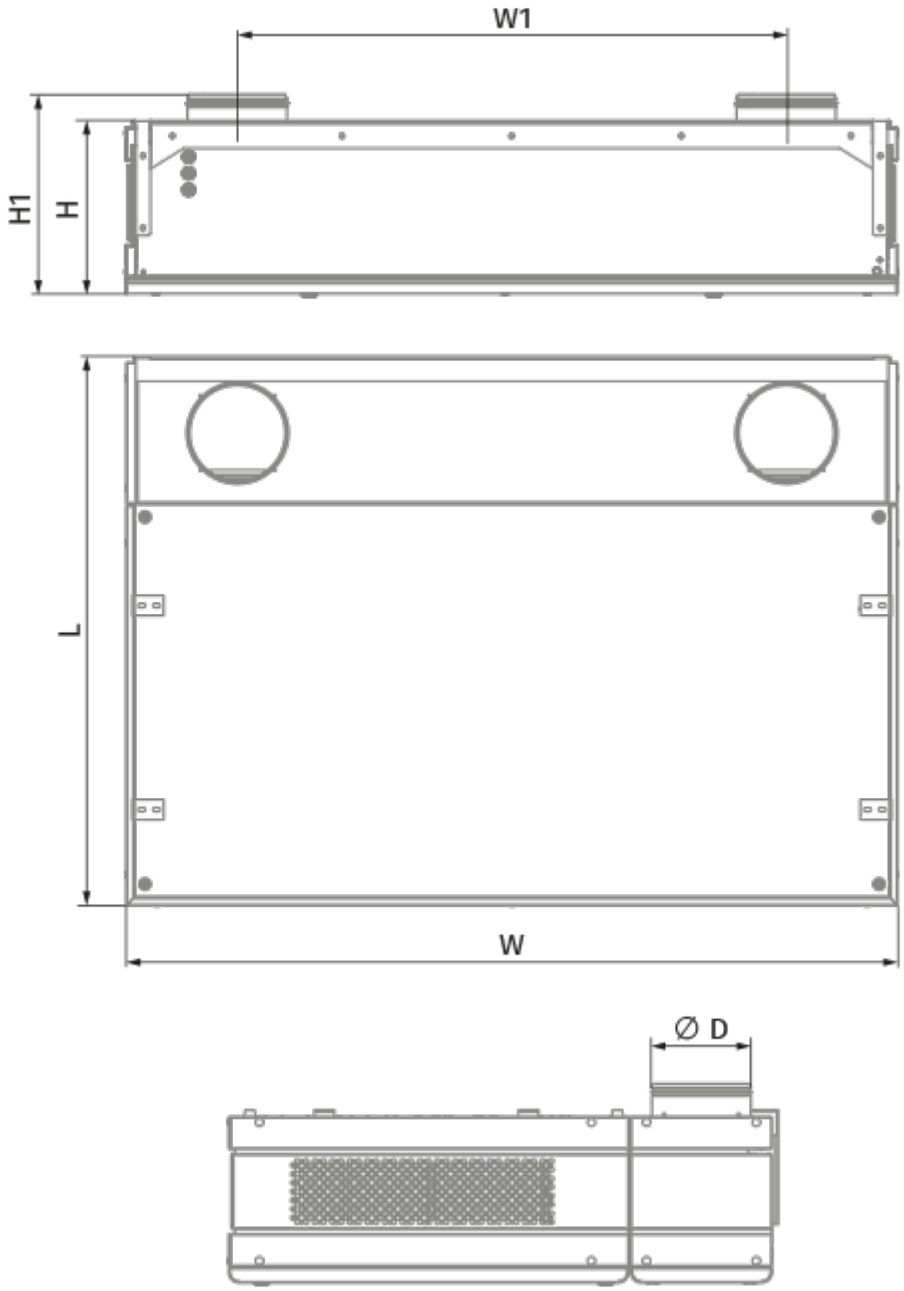
	Unit of measurement	CIVIC EC D1BE 500 S21
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
Power supply frequency	Hz	50/60
Power of electrical preheater	W	1750
Maximum airflow	m³/h	510
Sound pressure level LpA at 1 m	dB(A)	34
Heat recovery efficiency, max	%	86
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	128
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
Ingress protection rating of the drive	-	IP44
Ambient air humidity max	%	60
Minimum wall thickness	mm	100

Maximum wall thickness	mm	2000



Dimensions

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



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

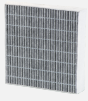
CO2 sensors

Name	Photo	Description
CD-1		CO2 sensors
CD-2		CO2 sensors

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Other accessories

Name	Photo	Description
FP 325x314x48 F8		F8 filter
FP 714x320x48 F8 C		F8 carbon filter
FP 325x314x48 G4		G4 panel filter

FP 325x388x48 G4		G4 panel filter
FP 714x320x48 H11		H11 HEPA filter

Metal

Name	Photo	Description