

# CIVIC EC DBE 300 S21

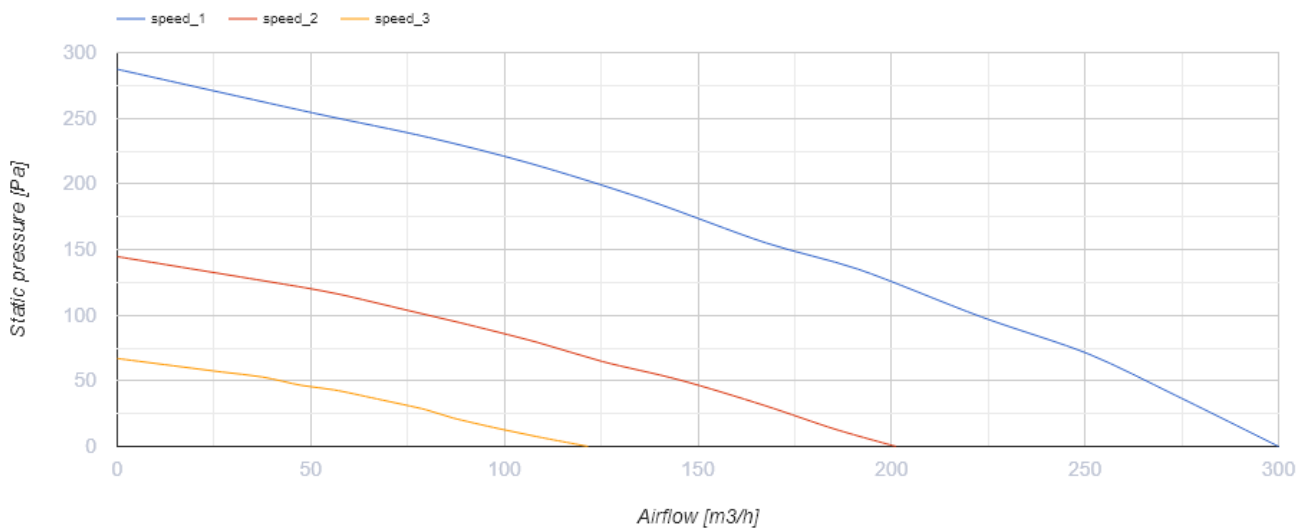
The CIVIC EC DB units are designed for single-room ventilation of schools, offices and other public and commercial premises



- Power of electrical preheater: 1050
- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 23
- Sound pressure level LpA at 1 m: 33
- Heat exchanger type: Counter flow
- Extract filter: G4
- Supply filter: G4, F8 (option F8 C + H11), G4, F8 (опция F8 C + H11)
- Motor type: EC
- Bypass: Auto
- 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

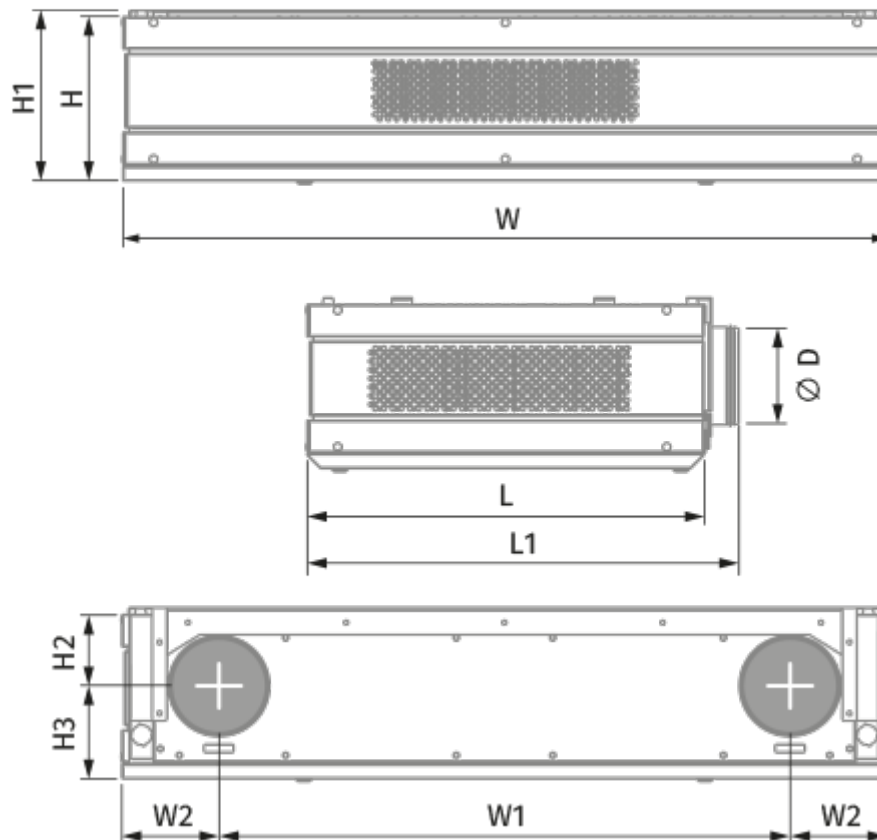
	Unit of measurement	CIVIC EC DBE 300 S21
Connected air duct size	mm	200
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	125
Power of electrical preheater	W	1050
Unit current	A	7.3
Maximum airflow	m <sup>3</sup> /h	300
rotation speed at 50hz	-	2150
Sound pressure level LpA at 3 m	dB(A)	23
Sound pressure level LpA at 1 m	dB(A)	33
Heat recovery efficiency, max	%	88
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	79

Extract filter	-	G4
Supply filter	-	G4, F8 (option F8 C + H11), G4, F8 (опция 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	H3	L	L1	W	W1	W2
199	333	347	145	188	818	873	1547	1155	196



## Accessories




### Other accessories

Name	Photo	Description
FP 270x216x48 G4		G4 panel filter
FP 270x216x48 F8		
FP 518x270x48 F8 C		
FP 518x270x48 H11		



### Metal

Name	Photo	Description
<a href="#">VDA 200 CFn Al</a>		Metal grilles for decoration of exhaust vents in residential, public and industrial buildings


### Control Panels

Name	Photo	Description
<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