

CIVIC EC D1BE2 800-E S21 V.2

The CIVIC EC DB V.2 units are designed for single-room ventilation of schools, offices and other public and commercial premises

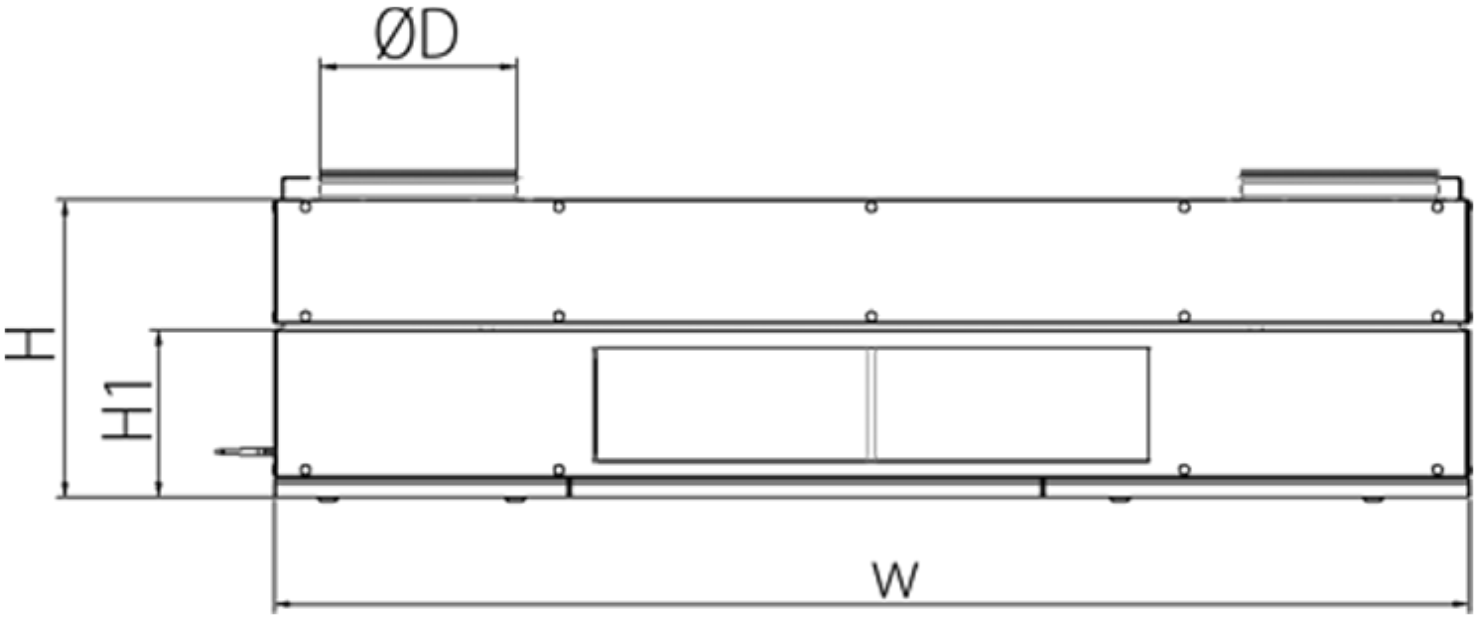
- Heat exchanger type: Counter flow
- Heat exchanger material: Enthalpy
- Supply filter: ISO ePM1 70% (F7)
- Extract filter: ISO Coarse > 60% (G4)
- Sound-insulated casing
- Enthalpy heat exchanger
- Bypass: Auto
- Reheater: Built-in
- Preheater: Built-in
- BMS protocol: ModBus
- Control: Smartphone
- Casing material: Coated steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- PM2.5 sensor: Optional
- Temperature sensor: Built-in

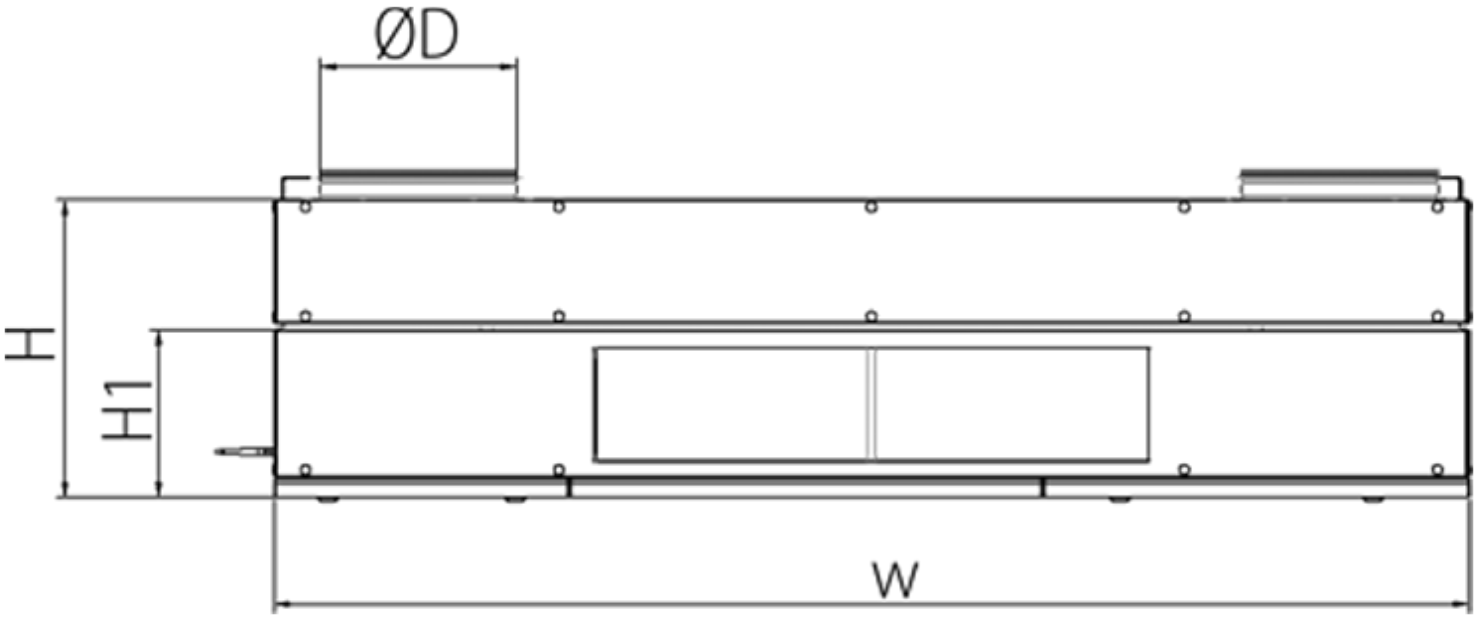
	Unit of measurement	CIVIC EC D1BE2 800-E S21 V.2
Connected air duct size	mm	315
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	314
Unit current	A	2.2
Maximum airflow	m³/h	850
Heat recovery efficiency, max	%	81
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Enthalpy
Weight	kg	197
Supply filter	-	ISO ePM1 70% (F7)
Extract filter	-	ISO Coarse > 60% (G4)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ambient air temperature max	°C	40
Ambient air temperature min	°C	1
Ingress protection rating	-	IP20

Ambient air humidity max	%	60
Ingress protection rating of the drive	-	IP44

Dimensions

D	H	H1	L	W
315	475	270	1100	1910


ØD
H
H1
W



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-3		Carbon dioxide sensor

Humidity sensors

Name	Photo	Description
FS2		Humidity sensor

Metal

Name	Photo	Description

VOC sensors

Name	Photo	Description

DPWQ30600		VOC sensor

Other accessories

Name	Photo	Description
FP 397x390x48 F7		F7 panel filter
FP 397x390x48 G4		G4 panel filter