

# CIVIC EC DBE2 500 S21 V.2

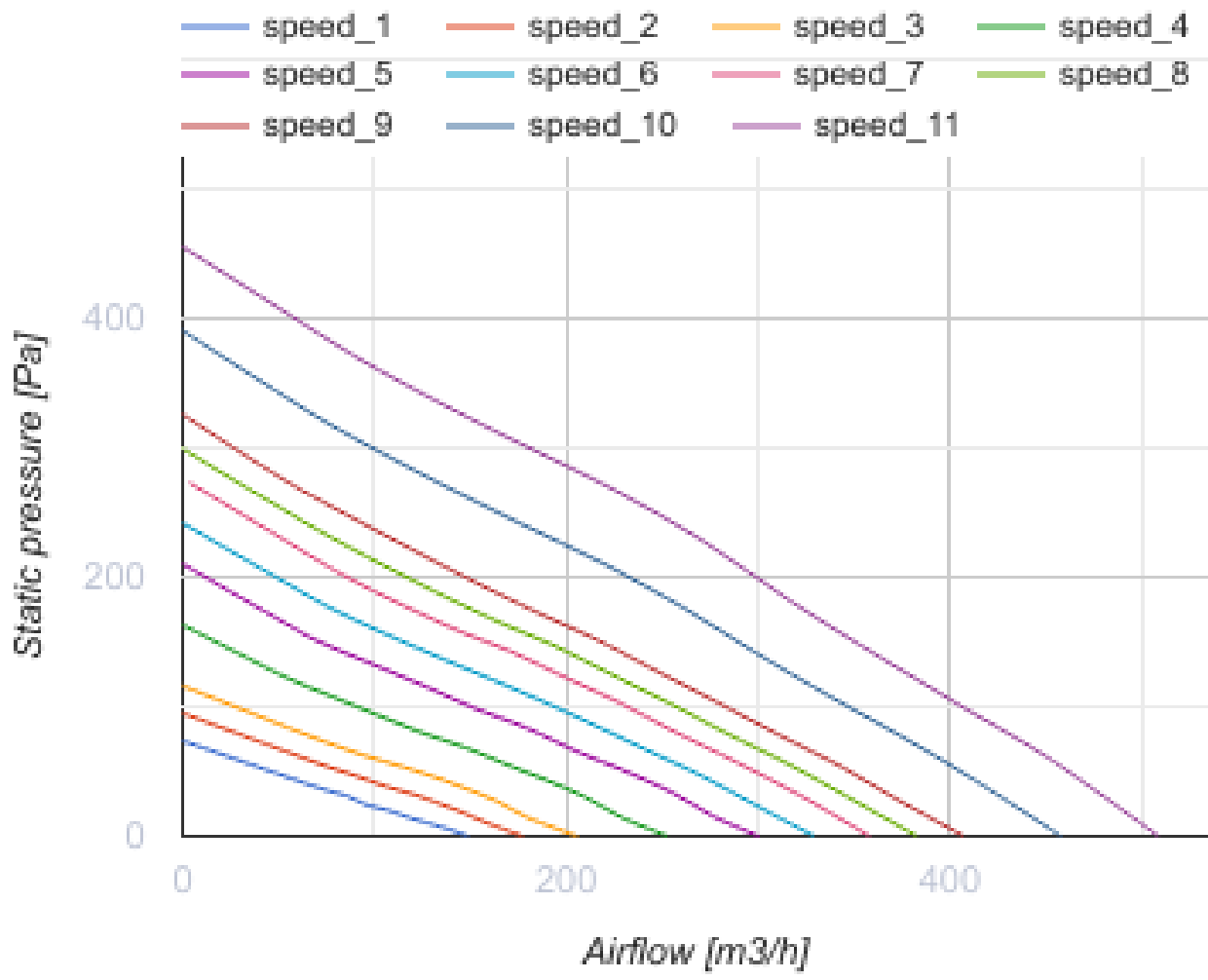
The CIVIC EC DB V.2 units are designed for single-room ventilation of schools, offices and other public and commercial premises

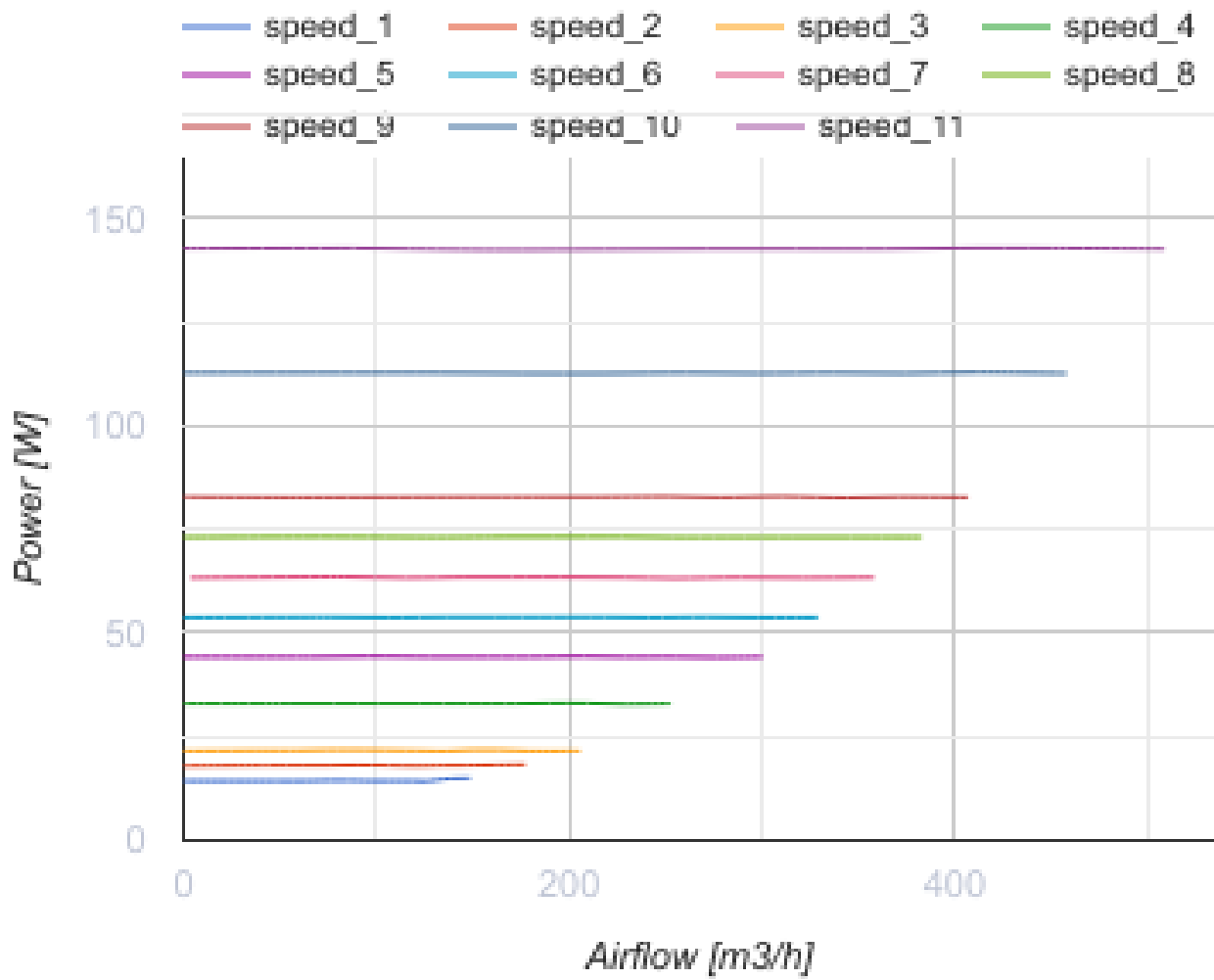


- Power of electrical preheater: 1050
- Power of electrical reheater: 700
- Maximum airflow: 510
- Sound pressure level LpA at 3 m: 34
- Sound pressure level LpA at 1 m: 44
- Heat exchanger type: Counter flow
- Sound insulation
- Motor type: EC
- Casing material: Galvanized steel
- Humidity sensor: Optional
- CO2 sensor: Optional
- VOC sensor: Optional
- Temperature sensor: Built-in

	Unit of measurement	CIVIC EC DBE2 500 S21 V.2
Connected air duct size	mm	250
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	143
Power of electrical preheater	W	1050
Power of electrical reheater	W	700
Unit current	A	1.1
Maximum airflow	m <sup>3</sup> /h	510
Sound pressure level LpA at 3 m	dB(A)	34
Sound pressure level LpA at 1 m	dB(A)	44
Heat recovery efficiency, max	%	96
Heat exchanger type	-	Counter flow
Heat exchanger material	-	Polystyrene
Weight	kg	130
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

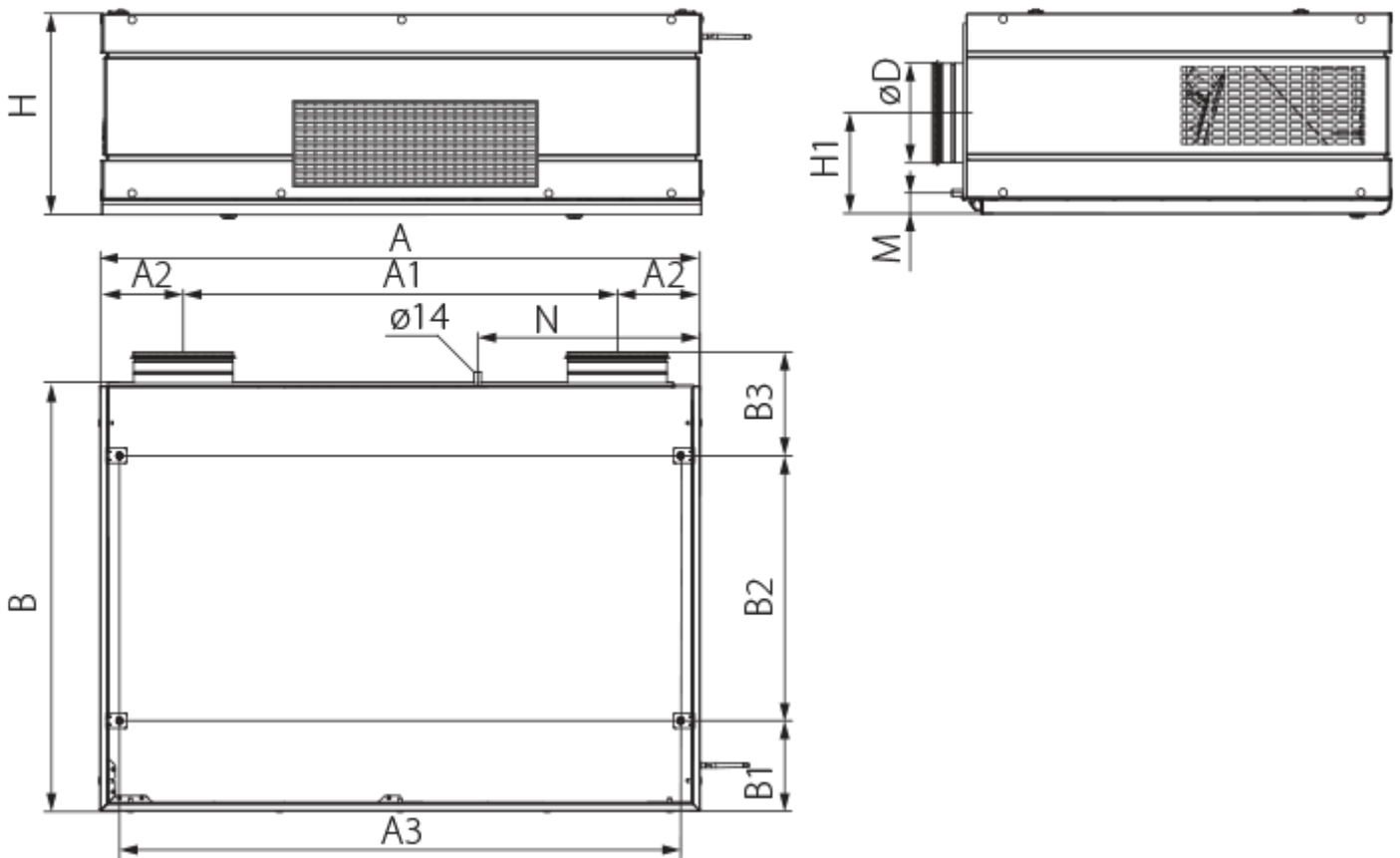
Ingress protection rating of the drive	-	IP44
--	---	------





### Dimensions

∅D	A	A1	A2	A3	B	B1	B2	B3	H	H1	N	M
250	1500	1135	186	1422	850	181	530	207	458	221	504	41



## Accessories



### 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



### Humidity sensors

Name	Photo	Description
<a href="#">FS2</a>		Humidity sensor

### CO2 sensors

Name	Photo	Description
<a href="#">CD-1</a>		CO2 sensors
<a href="#">CD-2</a>		CO2 sensors
<a href="#">CD-3</a>		

### Condensation drainage

Name	Photo	Description
<a href="#">SFK 20x32</a>		Hydraulic syphon for condensate drainage
<a href="#">CP-2</a>		Drain pump