

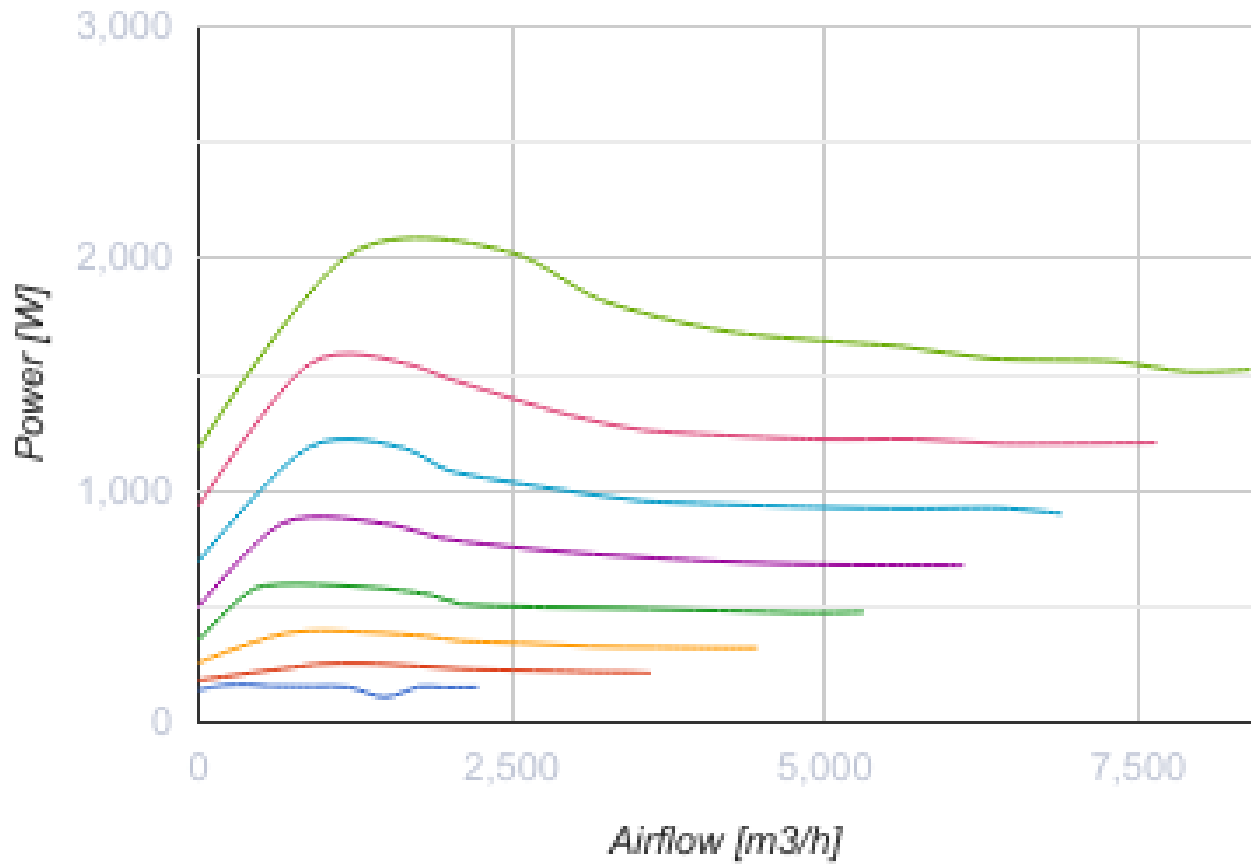


Box EC 80x50-3

Centrifugal fans with EC motor for rectangular ducts

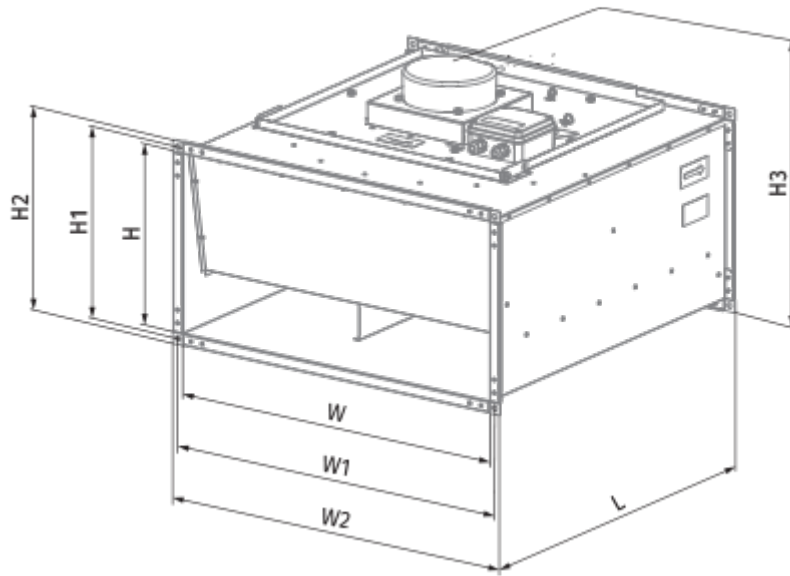
- Maximum airflow: 8395
- Sound pressure level LpA at 3 m: 60
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Galvanized steel
- Installation in any position

	Unit of measurement	Box EC 80x50-3
Connected air duct size	mm	800x500
Speed	-	1
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50/60
Rated power	W	2025
Unit current	A	2.01
Maximum airflow	m ³ /h	8395
Sound pressure level LpA at 3 m	dB(A)	60
Weight	kg	62.3
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP54



Dimensions

H	H1	H2	H3	L	W	W1	W2
500	520	540	670	850	800	820	840



Ecodesign

Trademark	Blauberg
Model	Box EC 80x50-3
Type of ventilation unit	Unidirectional
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal flow rate (m ³ /s)	1.561
Nominal external pressure (Pa)	460
Maximum external leakage rates (%)	2.7
Static efficiency (%)	48.5
Effective electric power input (kW)	1.621
Declared typology	NRVU UVU
Sound power level (dB(A))	80

Accessories

EC motors regulators

Name	Photo	Description
CDT E/0-10		Speed control for EC motors