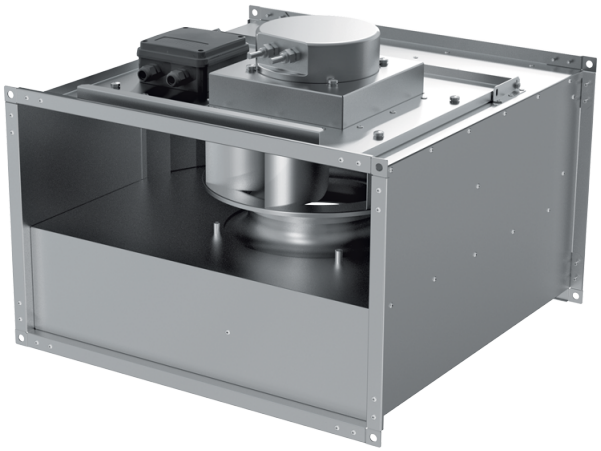
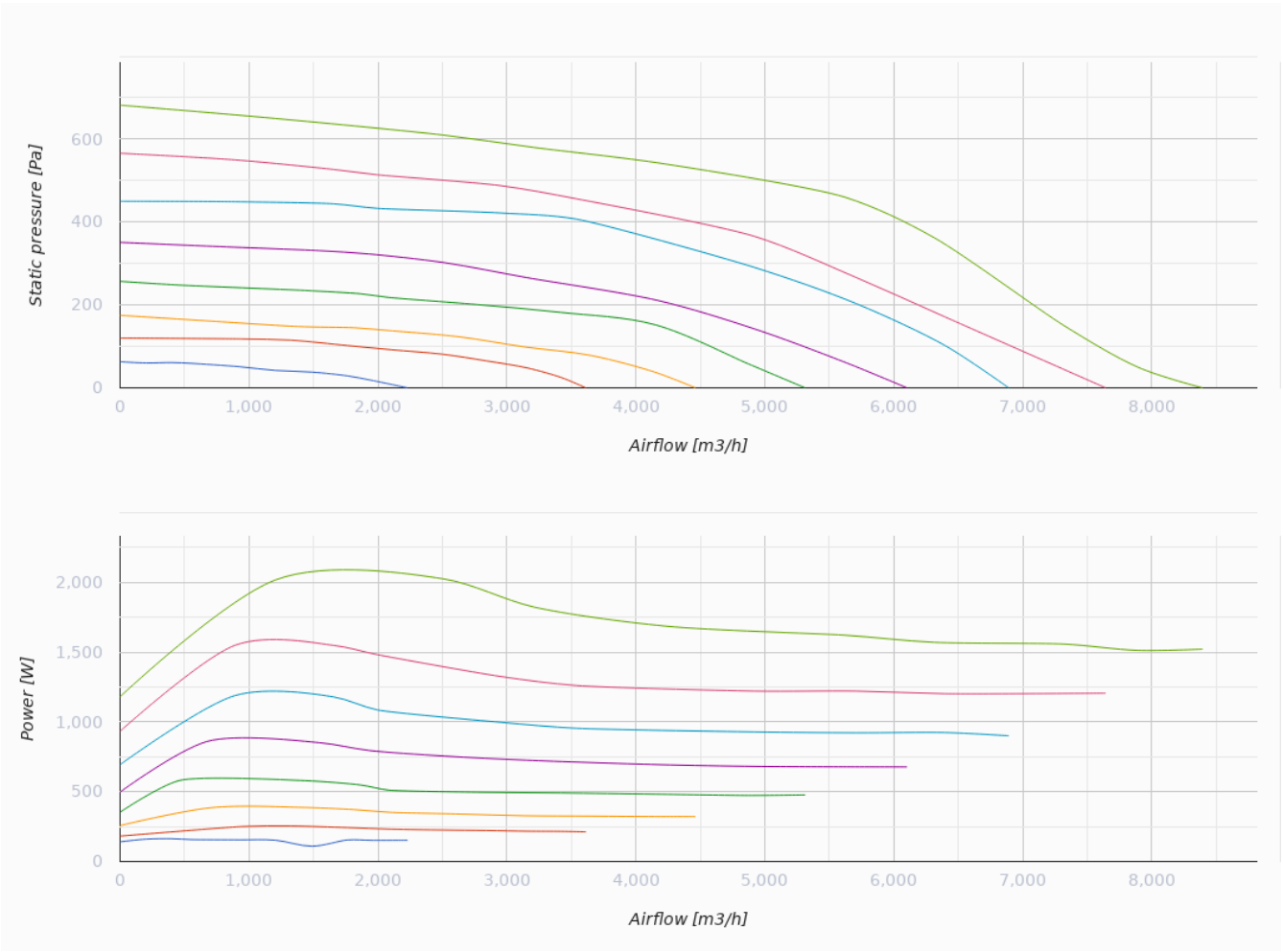


Box EC 80x50-3

Centrifugal inline fans with backward curved blades with EC-motors

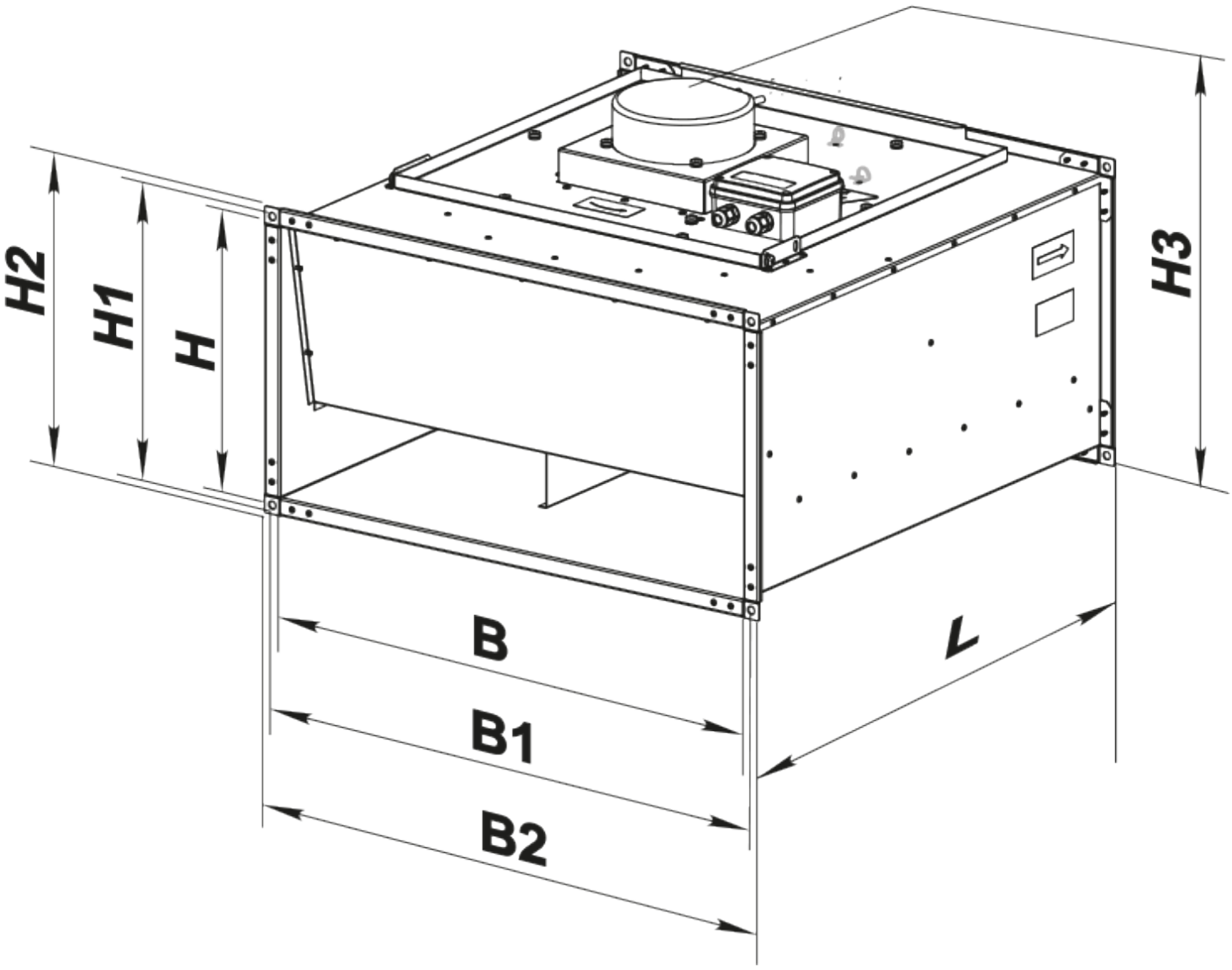
• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Galvanized steel
• Installation in any position

	Unit of measurement	Box EC 80x50-3
Phases	-	3
Maximum supply voltage	V	400
Minimum supply voltage	V	400
Power supply frequency	Hz	50/60
Maximum airflow	m³/h	8395
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
Impeller material	-	Aluminium



Dimensions

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


H2
H1
H
H3
B
B1
B2
L

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 external pressure (Pa)	460
Maximum external leakage rates (%)	2.7
Static efficiency (%)	48.5
Sound power level (dB(A))	80
Declared typology	NRVU UVU
Effective electric power input (kW)	1.621

Accessories

EC motors regulators

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