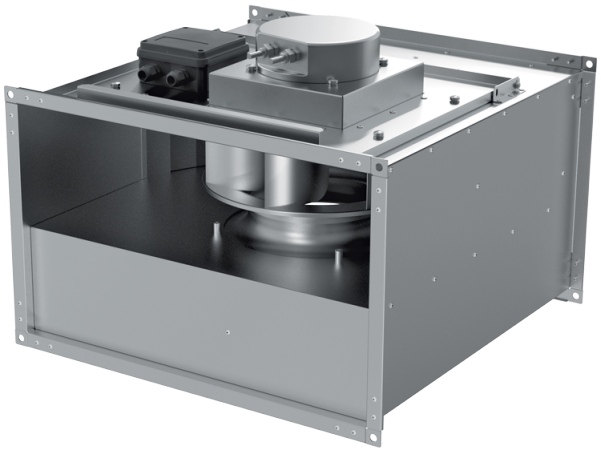
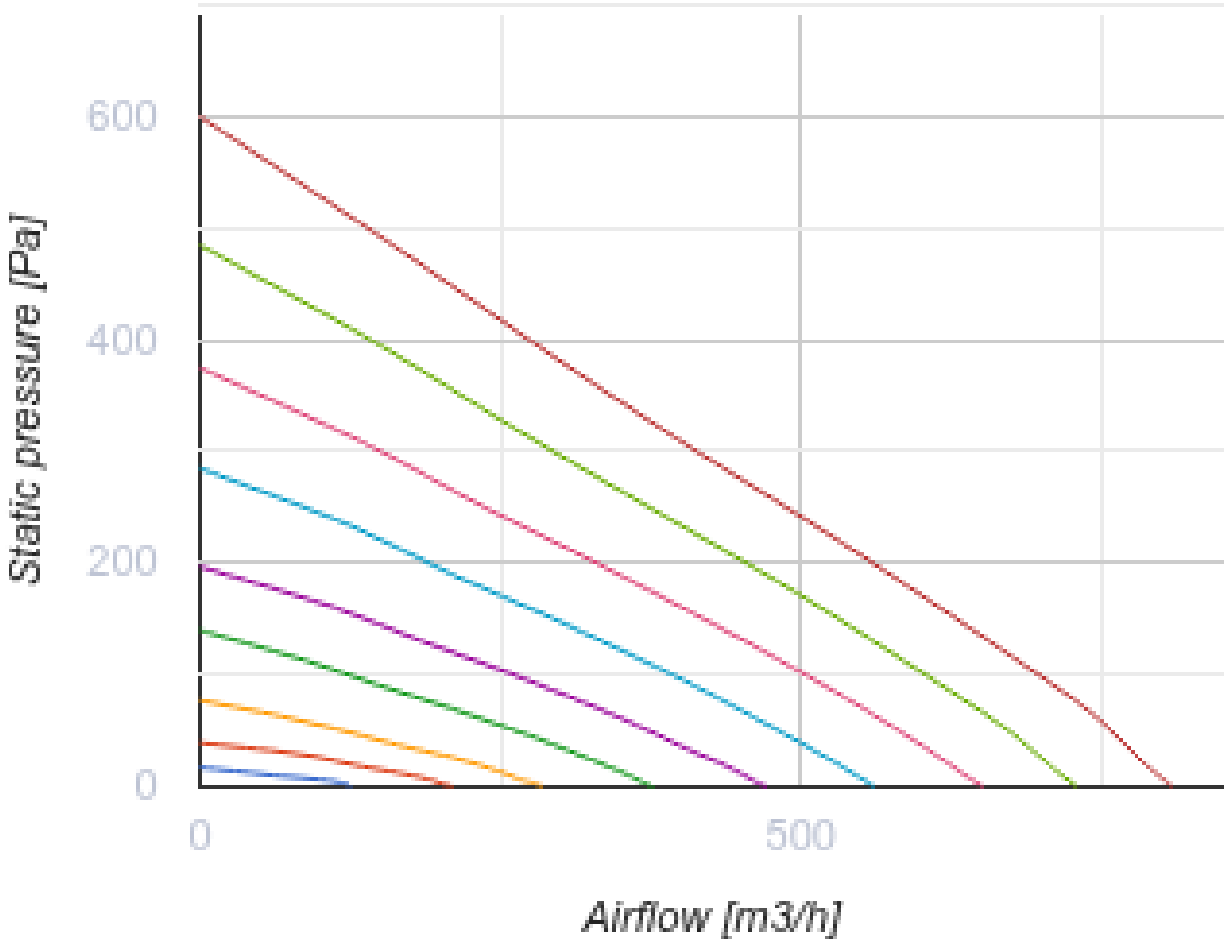


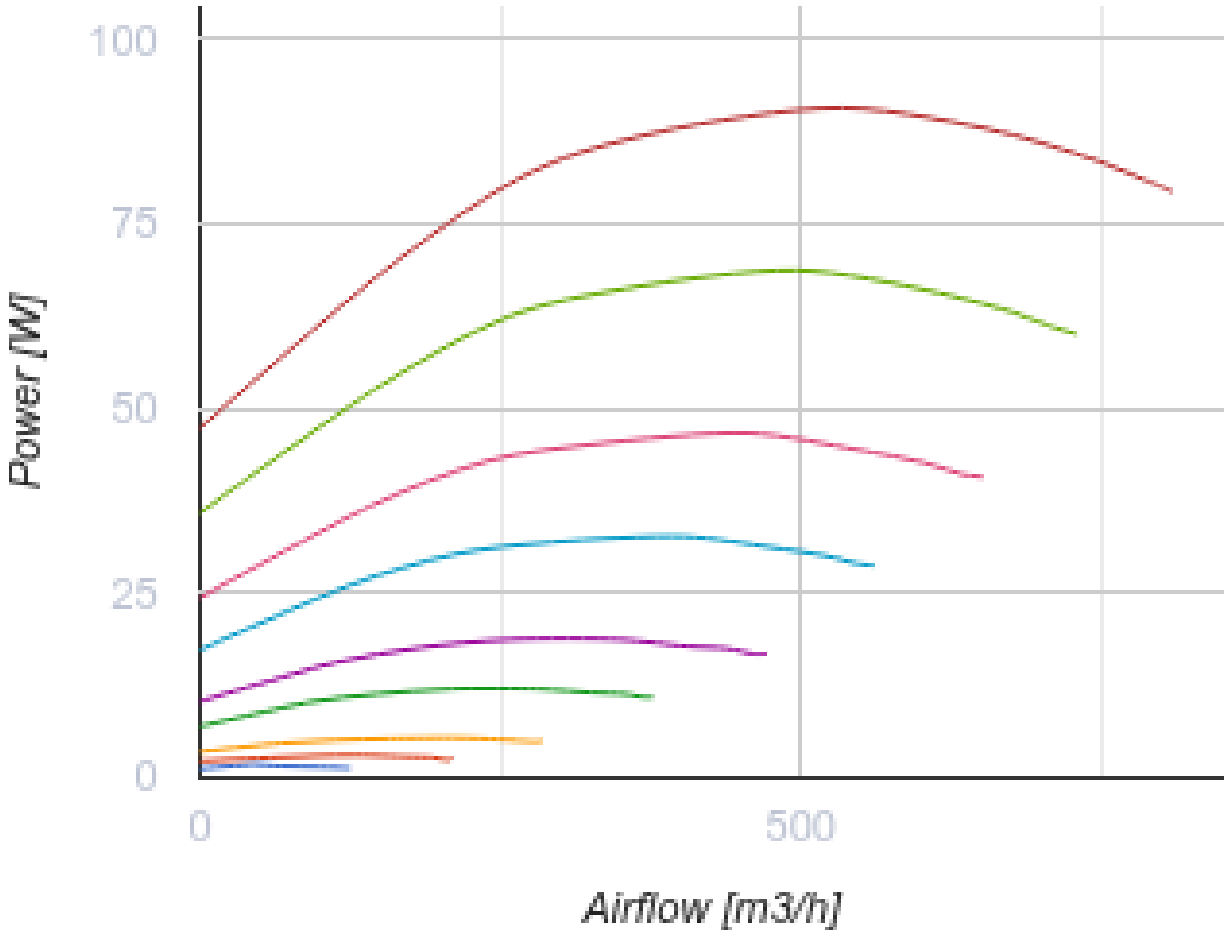
Box EC 40x20-1

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

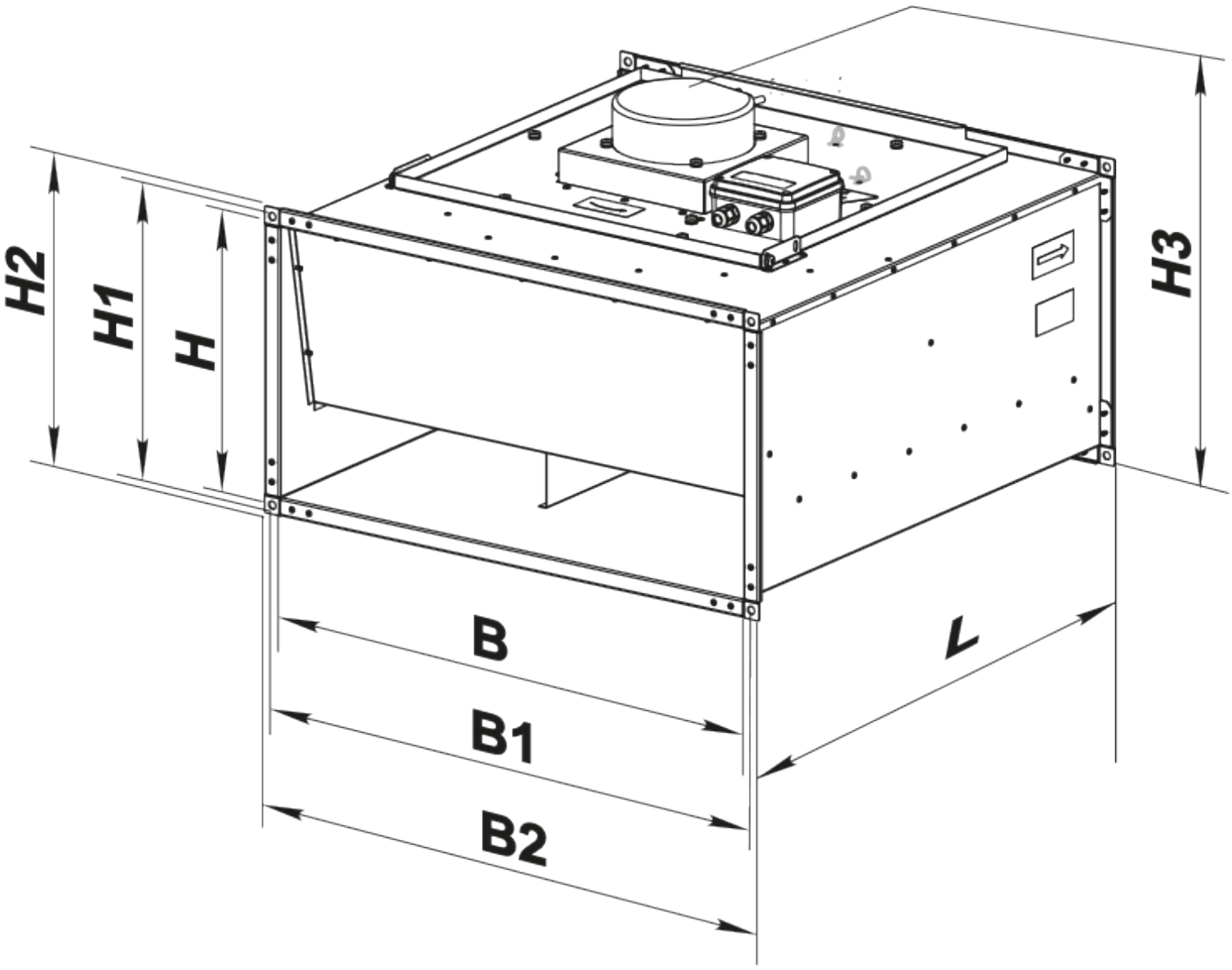
	Unit of measurement	Box EC 40x20-1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m^3/h	810
Weight	kg	8.3
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP55
Impeller material	-	Plastic


600
400
200
0
Static pressure [Pa]
0
500
Airflow [m3/h]

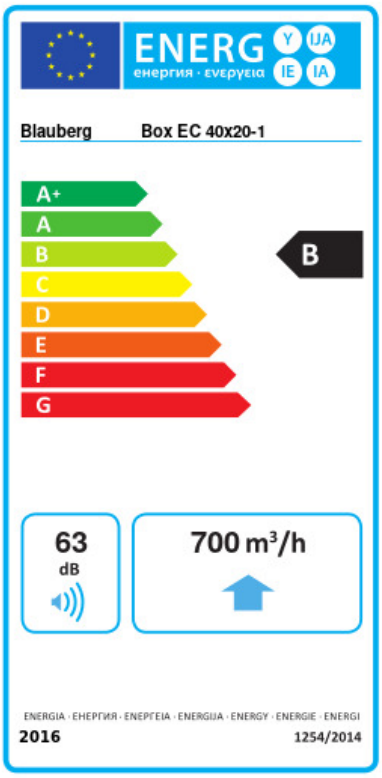


Dimensions

H	H1	H2	H3	L	W	W1	W2
200	220	240	278	440	400	420	440


H2
H1
H
H3
B
B1
B2
L

Ecodesign



Trademark	Blauberg					
Model	Box EC 40x20-1					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.5	A+	-27.5	B	-12	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	700					
Electric power input (W)	84					
Reference flow rate (m³/s)	0.136					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.063					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	63					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	33		33		33	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

EC motors regulators

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