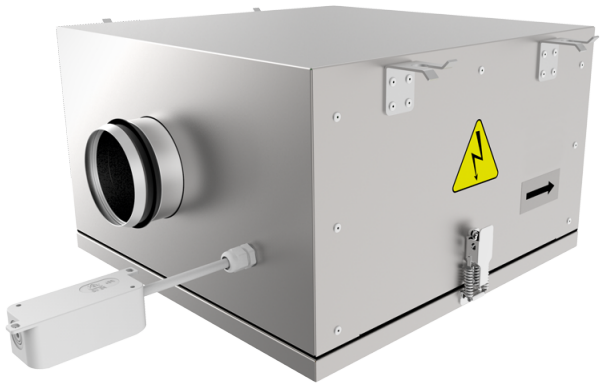
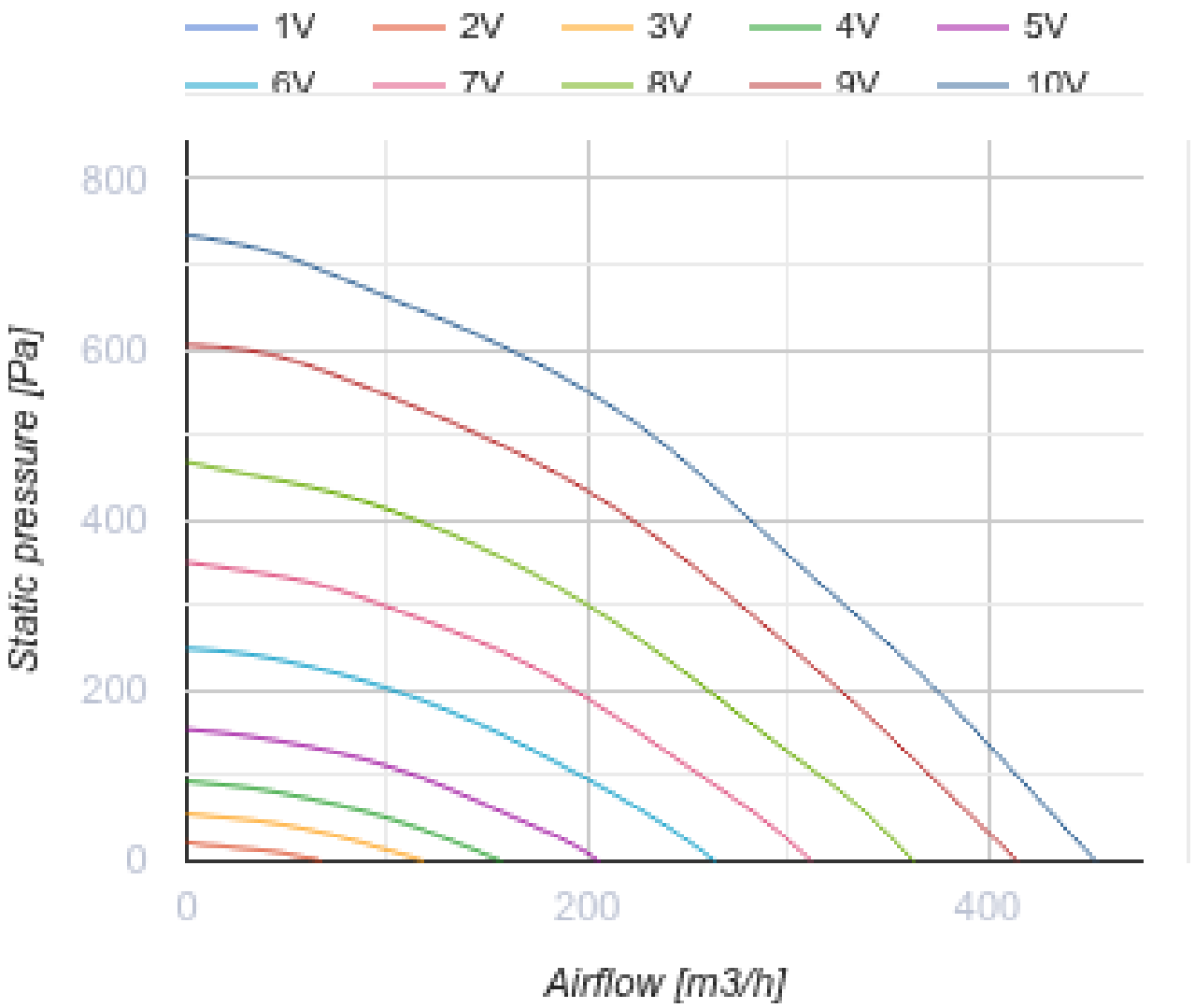


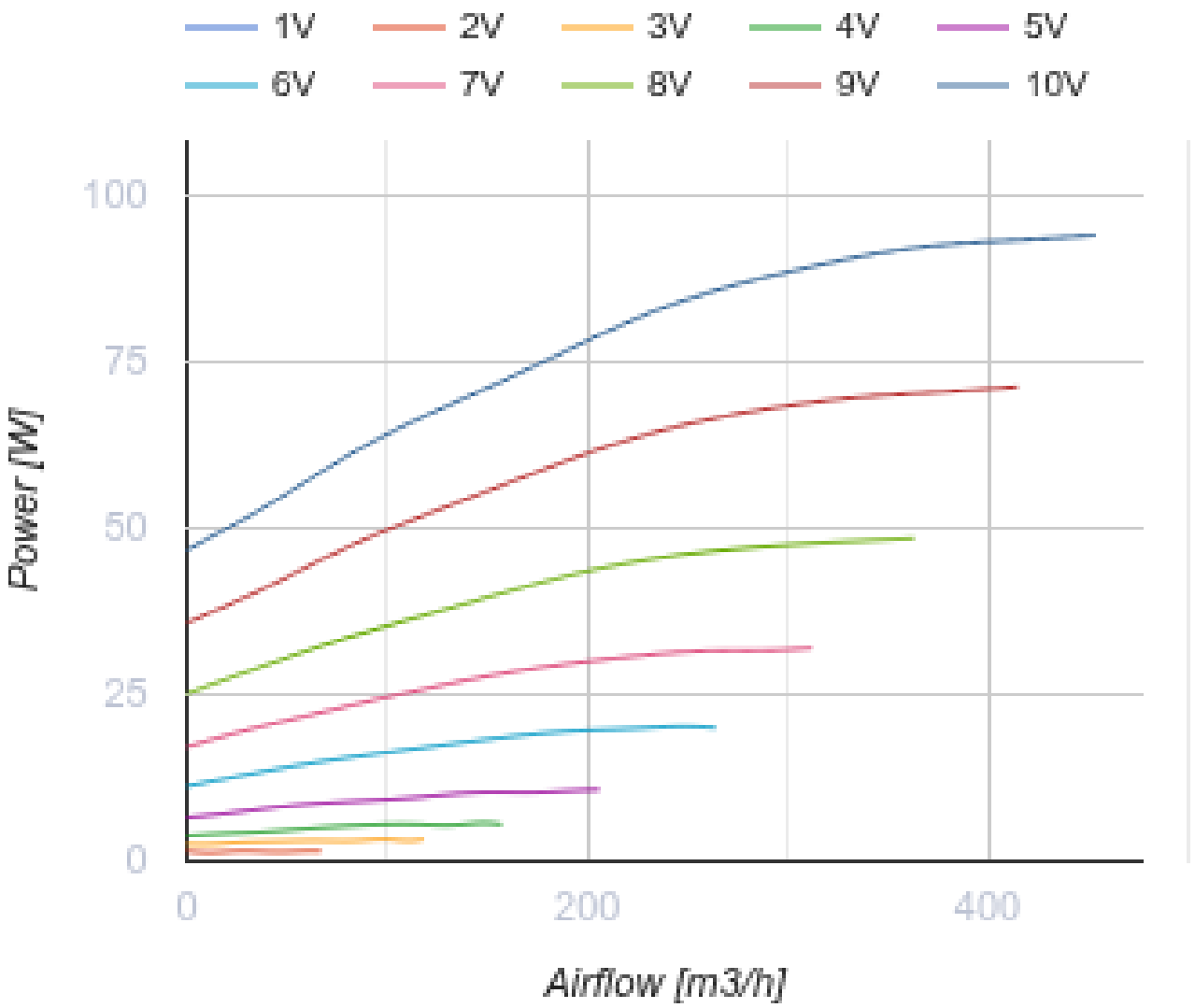
Iso-RB EC 160

Centrifugal inline fans with backward curved blades in cases with improved sound insulation properties with EC-motors

- Sound-insulated casing
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Galvanized steel
- Installation in any position

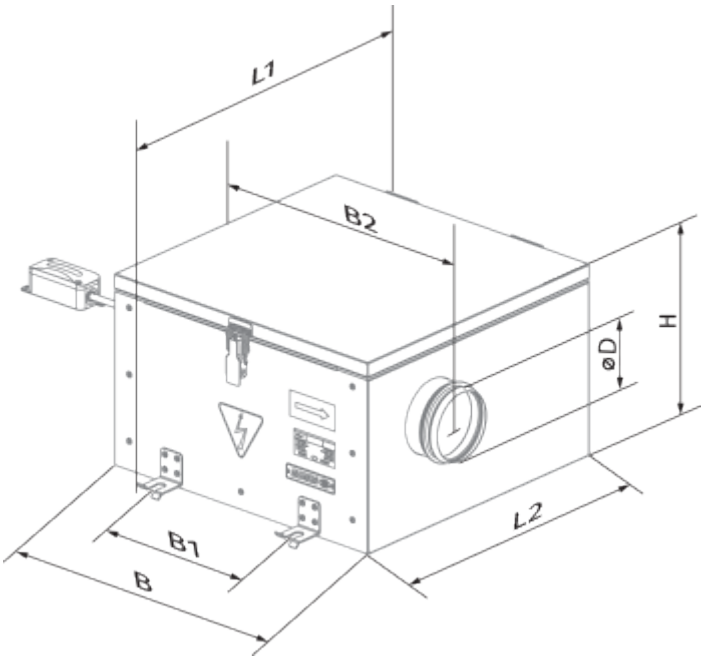
	Unit of measurement	Iso-RB EC 160
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m³/h	454
Weight	kg	12
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
800
600
400
200
0
Static pressure [Pa]
0
200
400
Airflow [m3/h]

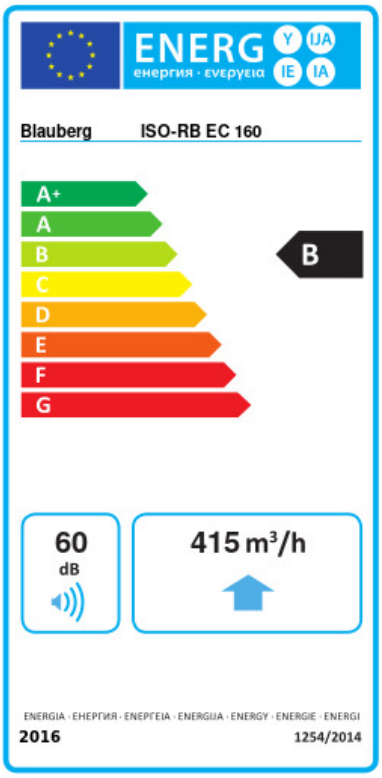


Dimensions

Ø D	B	B1	B2	H	L1	L2
159	420	228	517	270	507	414


L1
B2
H
ØD
L2
B1
B

Ecodesign



Trademark	Blauberg					
Model	Iso-RB EC 160					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-53.9	A+	-26.9	B	-11.4	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	415					
Electric power input (W)	93.4					
Reference flow rate (m³/s)	0.081					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.108					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	60					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	57		57		57	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

Fittings

Name	Photo	Description
K 160		Clamp for round flexible ducts