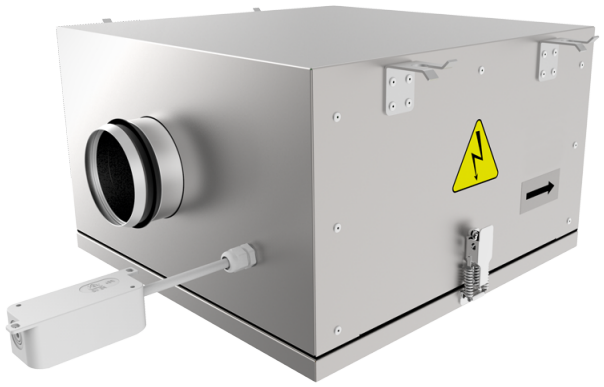
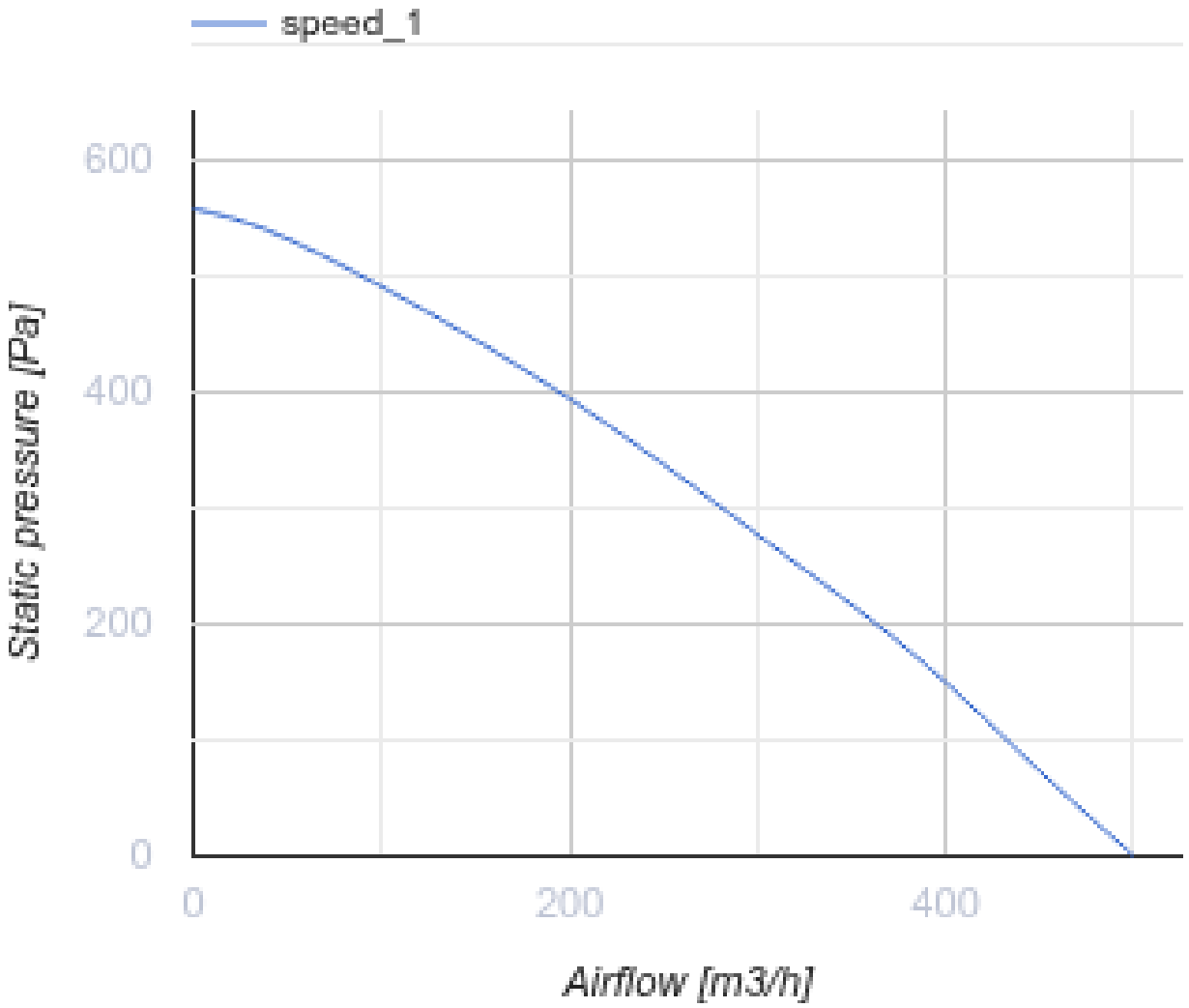


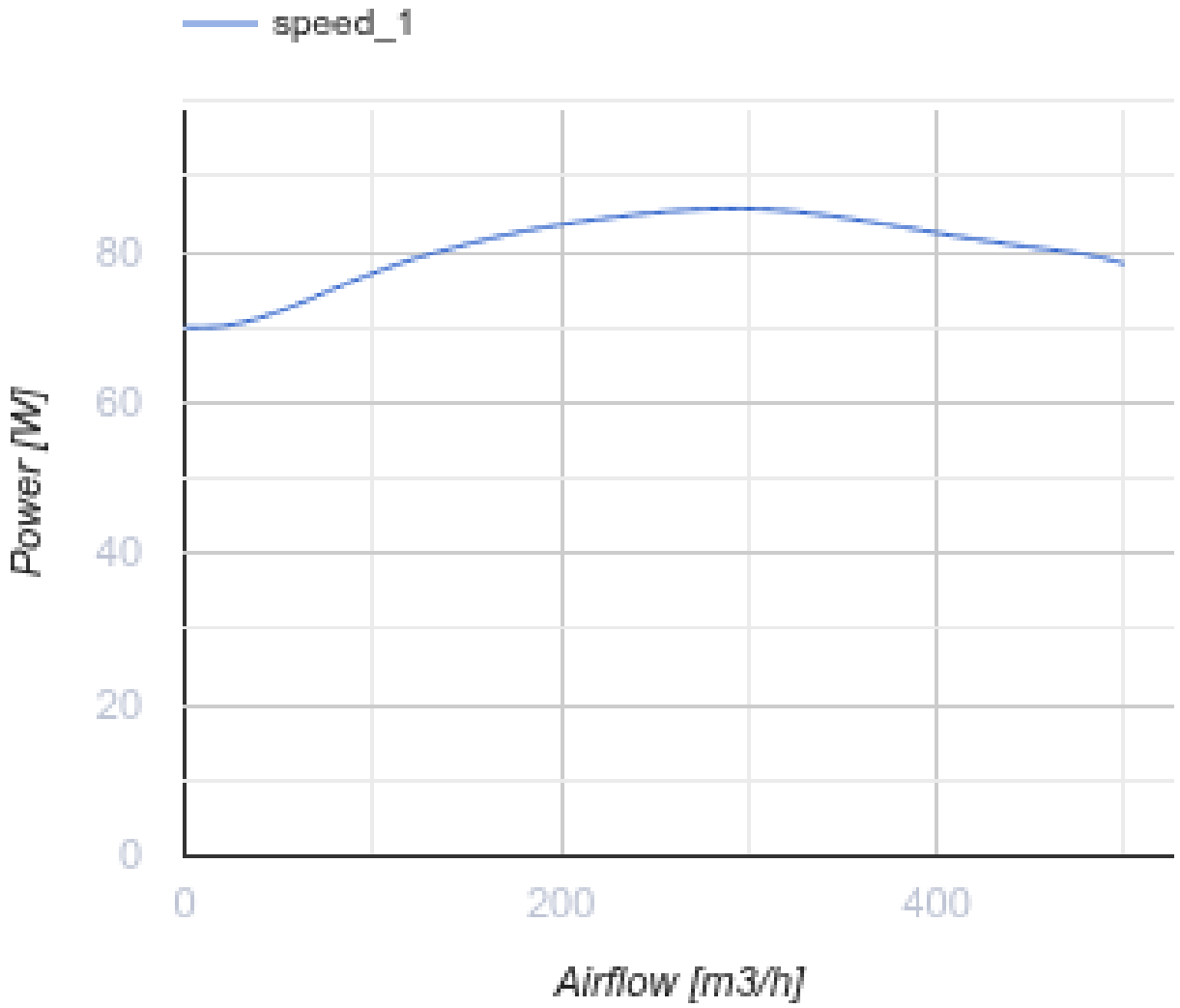
Iso-RB 160

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

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

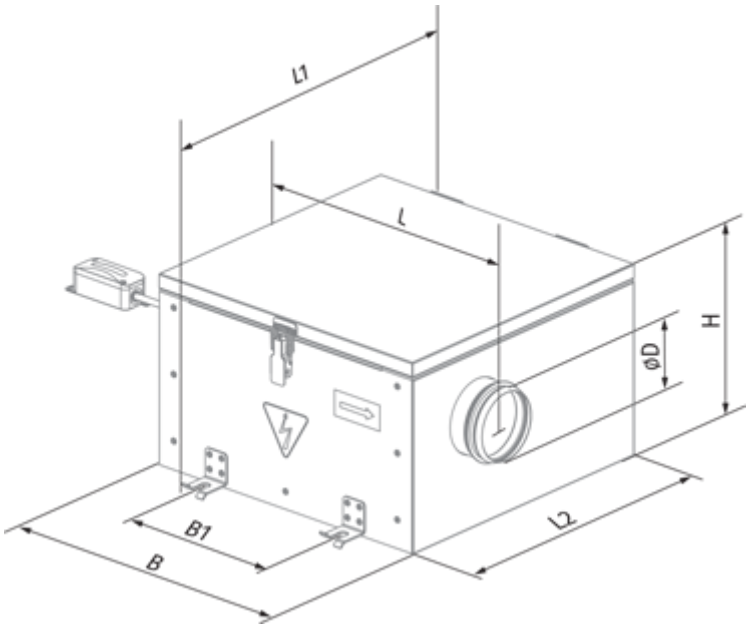
	Unit of measurement	Iso-RB 160
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Maximum airflow	m³/h	500
Weight	kg	17
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


speed_1
600
400
200
0
Static pressure [Pa]
0
200
400
Airflow [m3/h]

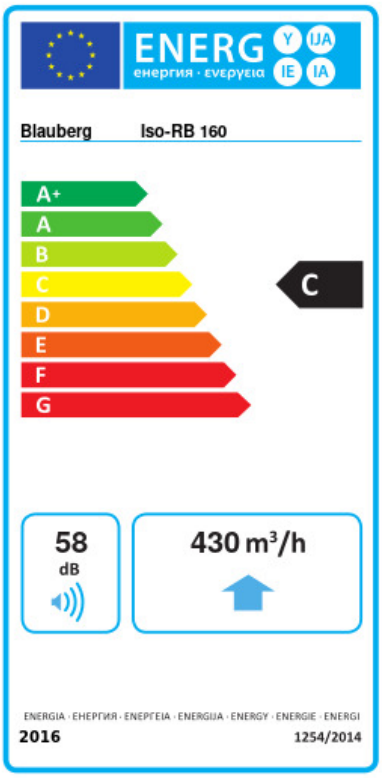


Dimensions

ØD	B	B1	H	L	L1	L2
159	470	278	282	566	586	493


L1
L
H
øD
B1
B
L2

Ecodesign



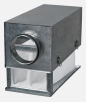
Trademark	Blauberg					
Model	Iso-RB 160					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-51.7	A+	-24.6	C	-9.1	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	430					
Electric power input (W)	82					
Reference flow rate (m³/s)	0.084					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.278					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	58					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	147		147		147	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

For round ducts

Name	Photo	Description
SD 160/600		Silencers for round ducts
SD 160/900		Silencers for round ducts
SD 160/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
KFBK 160		Filter boxes for round ducts
KFBT 160 G4		Filter boxes with pocket filters for round ducts
KFBT 160 F5		Filter boxes with pocket filters for round ducts
KFBT 160 F7		Filter boxes with pocket filters for round ducts

For round ducts

Name	Photo	Description
VRV 160		Backdraft dampers with spring for round ducts
VKA 160		Air dampers for round ducts

Water heaters

Name	Photo	Description
WKH 160-2		Duct water heaters for round ducts
WKH 160-4		Duct water heaters for round ducts

Electrical heaters

Name	Photo	Description
EKH 160-1.2		Duct electrical heaters for round ducts
EKH 160-1.7		Duct electrical heaters for round ducts

EKH 160-2.0		Duct electrical heaters for round ducts
EKH 160-2.4		Duct electrical heaters for round ducts
EKH 160-3.4		Duct electrical heaters for round ducts
EKH 160-3.6		Duct electrical heaters for round ducts
EKH 160-5.1		Duct electrical heaters for round ducts
EKH 160-6.0		Duct electrical heaters for round ducts

Speed controllers

Name	Photo	Description
CDTE E3.0 TP		Speed controllers