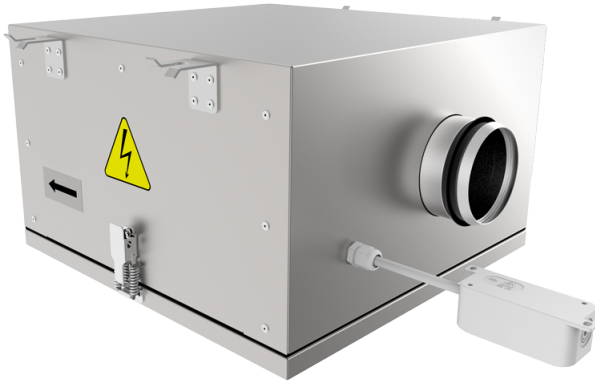


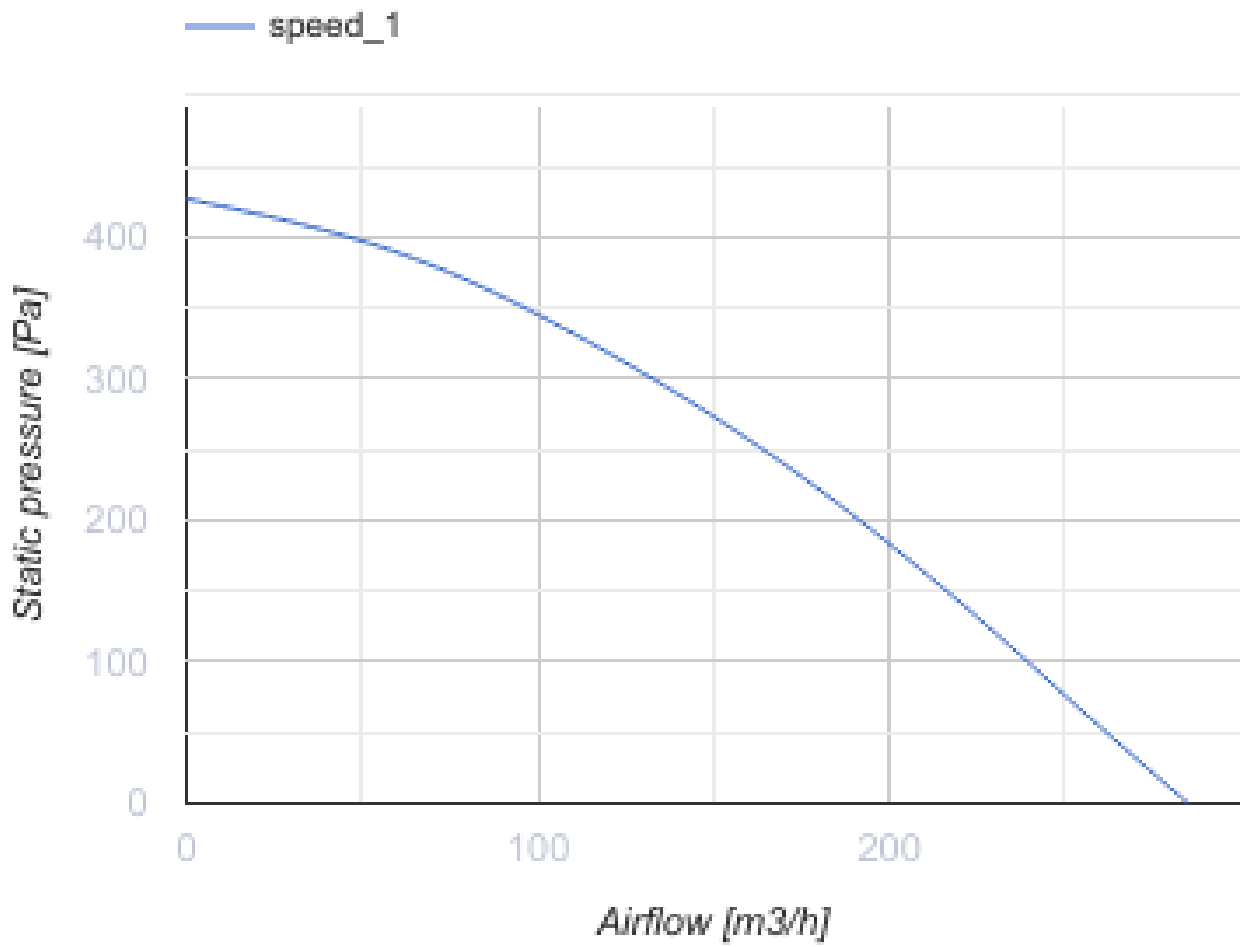
# Iso-RB 100

Sound-insulated inline centrifugal fans



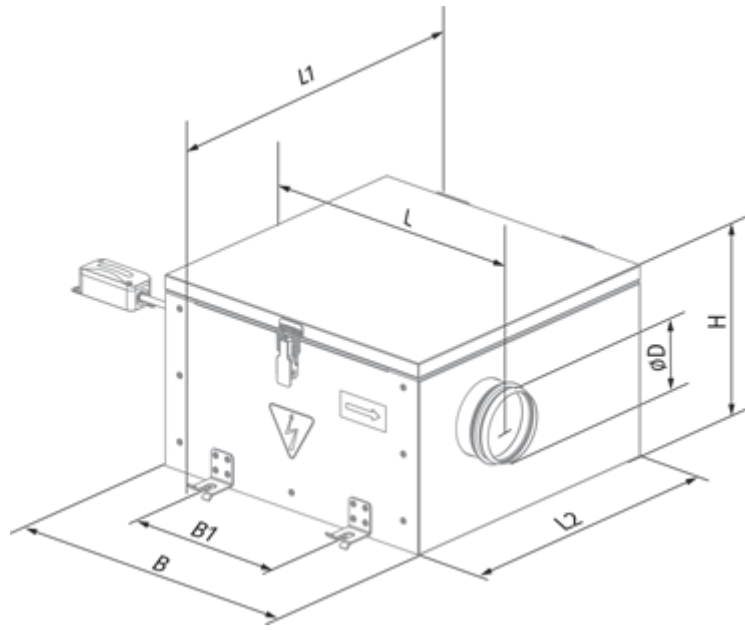
- Maximum airflow: 285
- Sound pressure level LpA at 3 m: 34
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Aluzinc
- Installation in any position

	Unit of measurement	Iso-RB 100
Connected air duct size	mm	100
Speed	-	1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	58
Unit current	A	0.25
Maximum airflow	m <sup>3</sup> /h	285
rotation speed at 50hz	-	2530
Sound pressure level LpA at 3 m	dB(A)	34
Weight	kg	13
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44

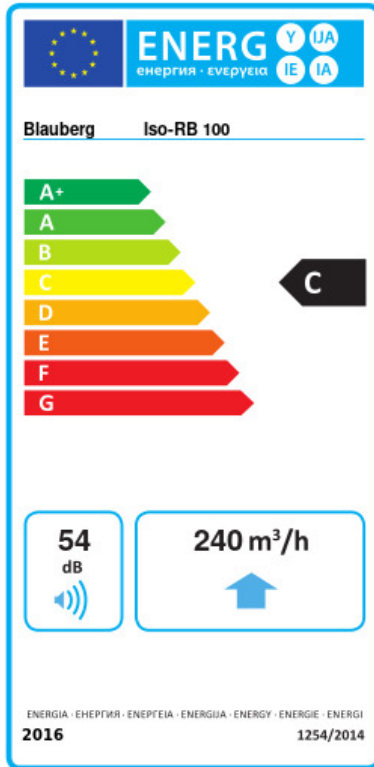


## Dimensions

ØD	B	B1	H	L	L1	L2
99	420	228	258	517	507	414



## Ecodesign



Trademark	Blauberg		
Model	Iso-RB 100		
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold	Average	Warm
	-51 A+	-23.9 C	-8.4 F
Type of ventilation unit	Unidirectional		
Type of drive installed	Variable speed		
Type of heat recovery system	None		
Maximum flow rate (m <sup>3</sup> /h)	240		
Electric power input (W)	58		
Reference flow rate (m <sup>3</sup> /s)	0.047		
Reference pressure difference (Pa)	50		
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0.333		
Control typology	Local demand control		
Maximum external leakage rates (%)	2.7		
Sound power level (dB(A))	54		
Declared typology	RVU UVU		
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm
	176	176	176
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm
	5536	2830	1280


## Accessories

### Thyristor speed controllers



Name	Photo	Description
<a href="#">CDTE E3.0 TP</a>		Speed controllers

### For round ducts






Name	Photo	Description
<a href="#">VKA 100</a>		Air dampers for round ducts

<a href="#">VRV 100</a>		Backdraft dampers with spring for round ducts
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

### Water heaters


Name	Photo	Description
<a href="#">WKH 100-4</a>		Duct water heaters for round ducts
<a href="#">WKH 100-2</a>		Duct water heaters for round ducts

### Electrical heaters




Name	Photo	Description
<a href="#">EKH 100-1.8</a>		Duct electrical heaters for round ducts
<a href="#">EKH 100-1.6</a>		Duct electrical heaters for round ducts
<a href="#">EKH 100-1.2</a>		Duct electrical heaters for round ducts
<a href="#">EKH 100-0.8</a>		Duct electrical heaters for round ducts
<a href="#">EKH 100-0.6</a>		Duct electrical heaters for round ducts

### For round ducts

Name	Photo	Description
<a href="#">KFBT 100 F7</a>		Filter boxes with pocket filters for round ducts
<a href="#">KFBT 100 F5</a>		Filter boxes with pocket filters for round ducts
<a href="#">KFBT 100 G4</a>		Filter boxes with pocket filters for round ducts

<a href="#">KFBK 100</a>		Filter boxes for round ducts
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**For round ducts**

Name	Photo	Description
<a href="#">SD 100/1200</a>		Silencers for round ducts
<a href="#">SD 100/900</a>		Silencers for round ducts
<a href="#">SD 100/600</a>		Silencers for round ducts