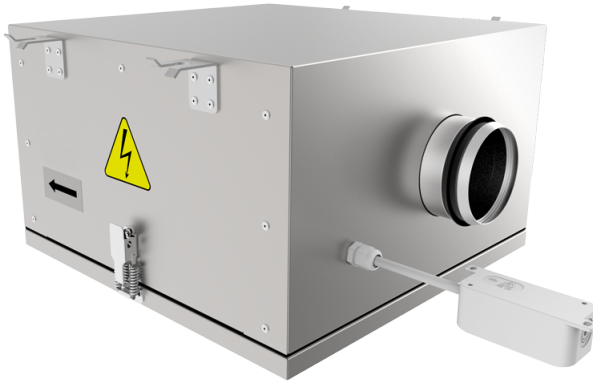


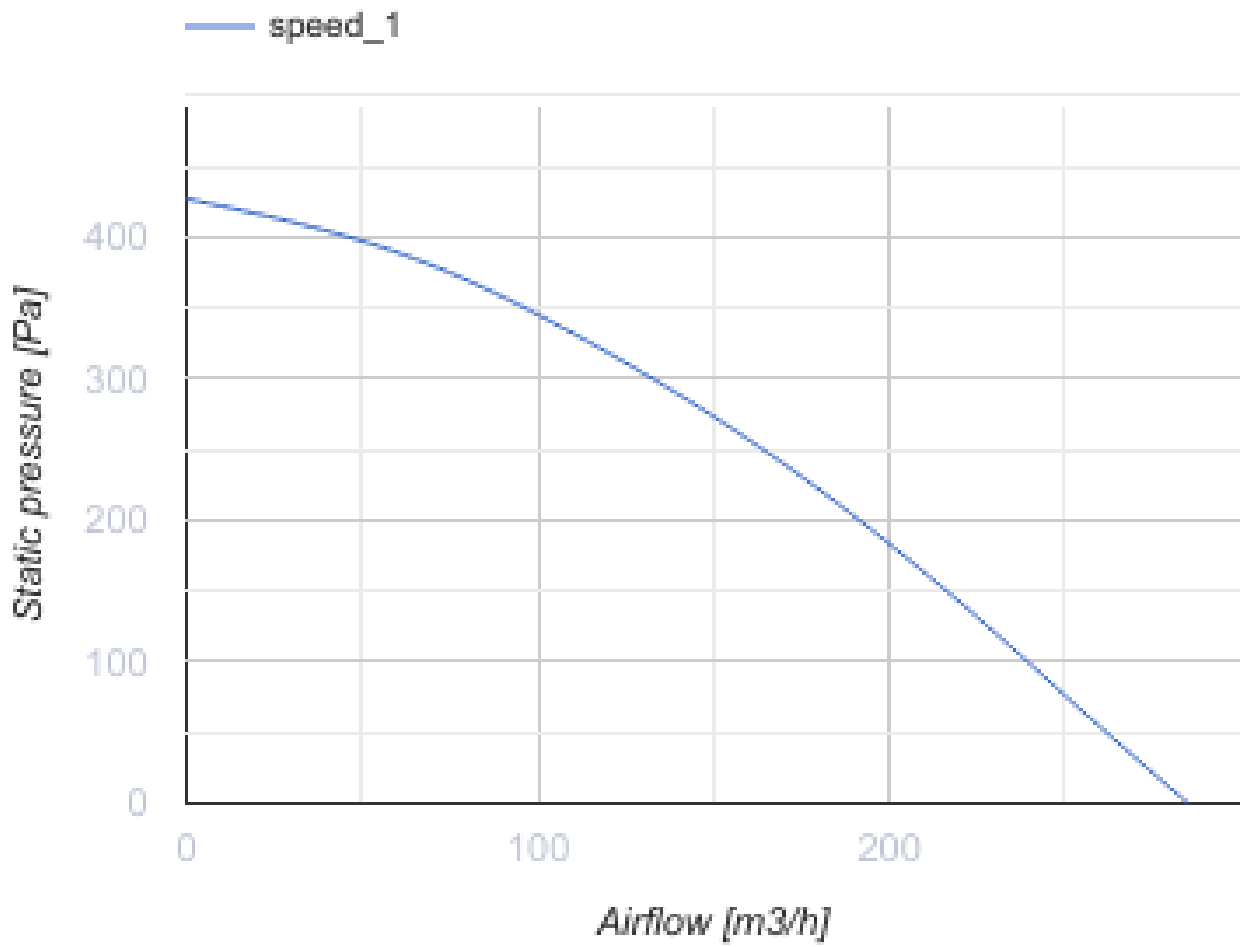
Iso-RB 100

Sound-insulated inline centrifugal fans



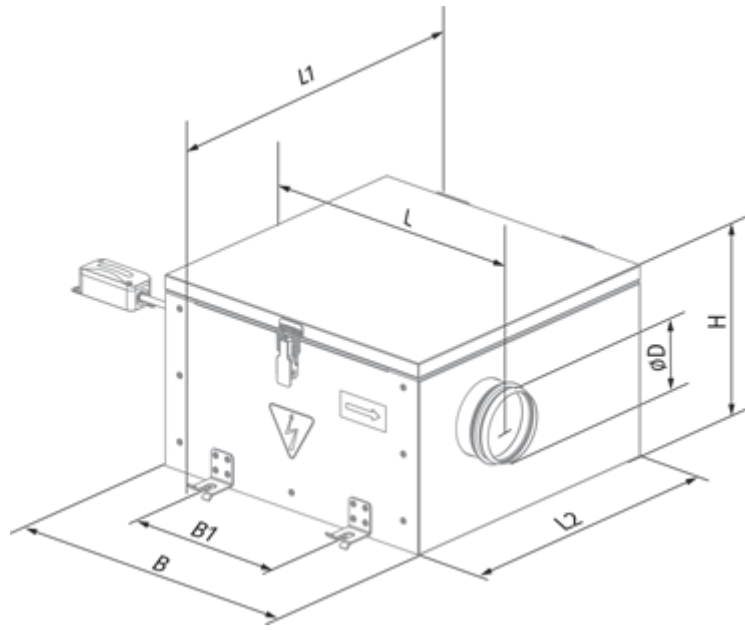
- Maximum airflow: 285
- Sound pressure level LpA at 3 m: 34
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal backward curved blades
- Casing material: Aluzinc
- Installation in any position

	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 ³ /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

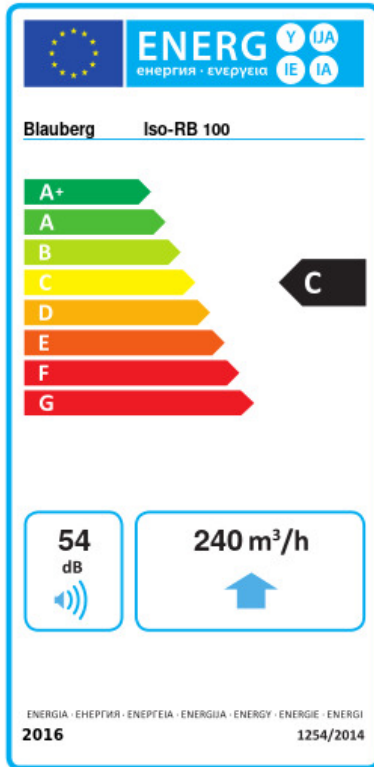


Dimensions

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 ² /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 ³ /h)	240					
Electric power input (W)	58					
Reference flow rate (m ³ /s)	0.047					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /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
CDT E1.8		Thyristor speed controller
CDTE E3.0 TP		Speed controllers

Humidity sensors



Name	Photo	Description
------	-------	-------------

TE / TI 1.5		Timers
HSE / HSI 1.5		Sensors
LSE / LSI 1.5		Sensors
IRSE / IRSI 1.5		Sensors




For round ducts


Name	Photo	Description
VKA 100		Air dampers for round ducts
VRV 100		Backdraft dampers with spring for round ducts

Water heaters





Name	Photo	Description
WKH 100-4		Duct water heaters for round ducts
WKH 100-2		Duct water heaters for round ducts

Electrical heaters




Name	Photo	Description
EKH 100-1.8		Duct electrical heaters for round ducts
EKH 100-1.6		Duct electrical heaters for round ducts
EKH 100-1.2		Duct electrical heaters for round ducts

EKH 100-0.8		Duct electrical heaters for round ducts
EKH 100-0.6		Duct electrical heaters for round ducts

For round ducts

Name	Photo	Description
KFBT 100 F7		Filter boxes with pocket filters for round ducts
KFBT 100 F5		Filter boxes with pocket filters for round ducts
KFBT 100 G4		Filter boxes with pocket filters for round ducts
KFBK 100		Filter boxes for round ducts

For round ducts

Name	Photo	Description
SD 100/1200		Silencers for round ducts
SD 100/900		Silencers for round ducts
SD 100/600		Silencers for round ducts