

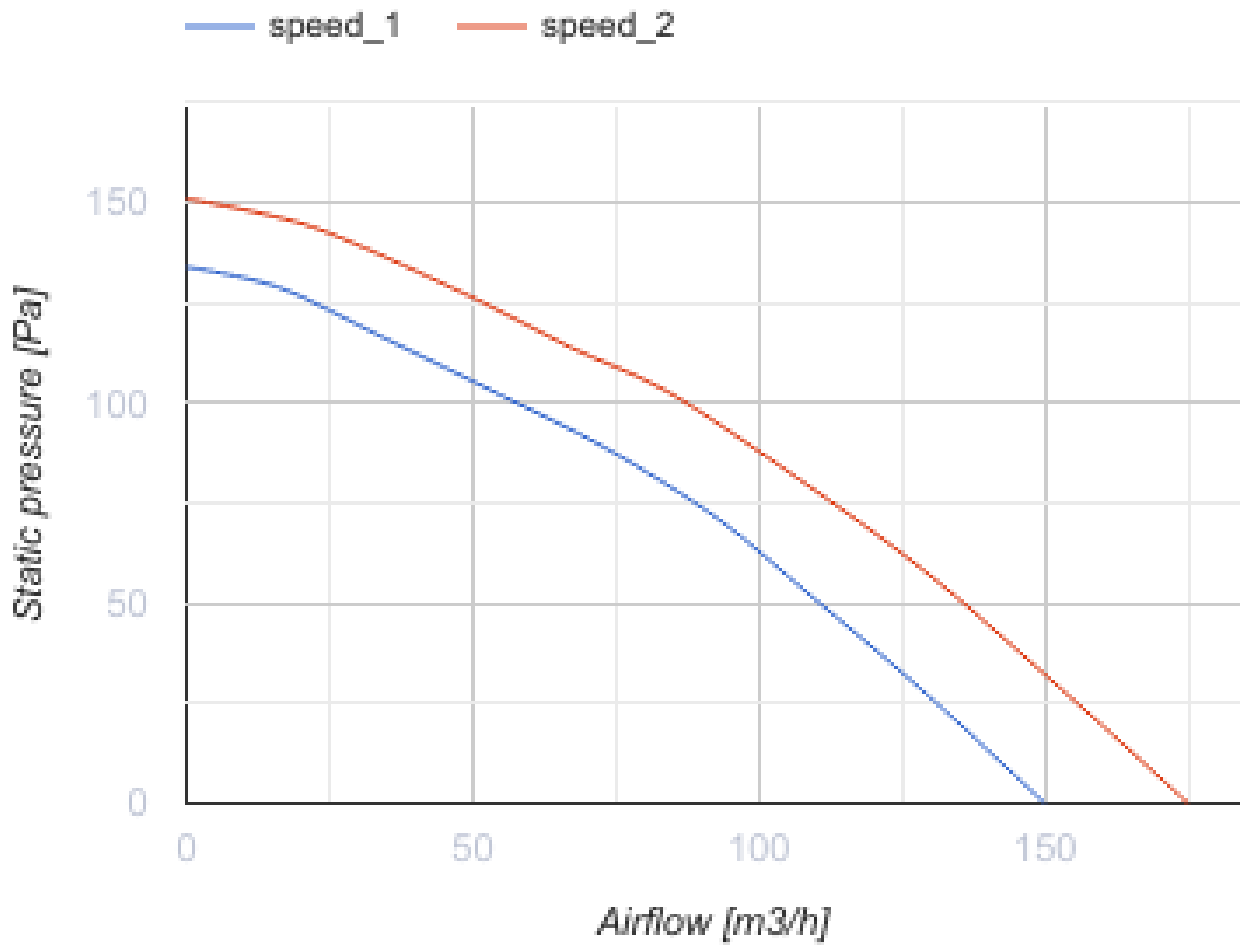
Iso Box-F 100 G4/F8 V2

Sound-insulated inline centrifugal fans with filters



- Maximum airflow: 175
- Sound pressure level LpA at 3 m: 23
- Sound insulation
- Motor type: AC
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Coated steel
- Installation in any position

	Unit of measurement	Iso Box-F 100 G4/F8 V2	
Connected air duct size	mm	100	
Speed	-	2	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50	
Rated power	W	33	41
Unit current	A	0.15	0.19
Maximum airflow	m ³ /h	150	175
Sound pressure level LpA at 3 m	dB(A)	14	23
Weight	kg	14.16	
Transported air temperature (max)	°C	40	
Transported air temperature (min)	°C	-25	
Ingress protection rating	-	IPX4	
Ingress protection rating of the drive	-	IP44	

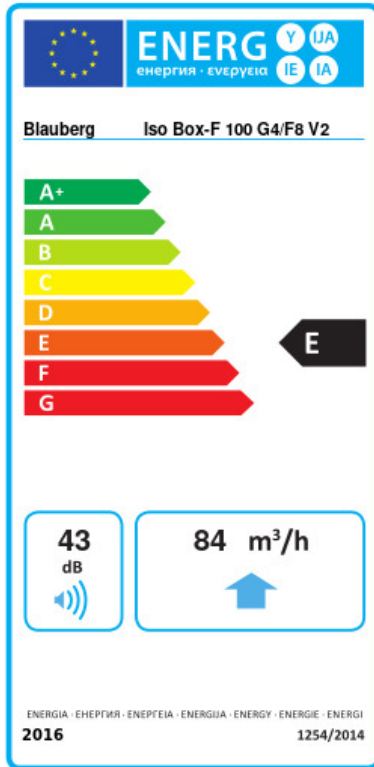


Dimensions

ØD	L	H	B	L1	B1	L2	B2
100	705	250	415	805	508	650	458



Ecodesign



Trademark	Blaubeerg		
Model	Iso Box-F 100 G4/F8 V2		
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold	Average	Warm
	-46.9 A+	-19.9 E	-4.3 F
Type of ventilation unit	Unidirectional		
Type of drive installed	2-speed		
Type of heat recovery system	None		
Maximum flow rate (m ³ /h)	84		
Electric power input (W)	38		
Reference flow rate (m ³ /s)	0.031		
Reference pressure difference (Pa)	50		
Specific power input (SPI) (W/(m ³ /h))	0.452		
Control typology	Local demand control		
Maximum external leakage rates (%)	2.7		
Declared typology	RVU UVU		
Sound power level (dB(A))	43		
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm
	338	338	338
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

Speed control switches

Name	Photo	Description
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[CDP-2/10](#)



Multi-speed switch