

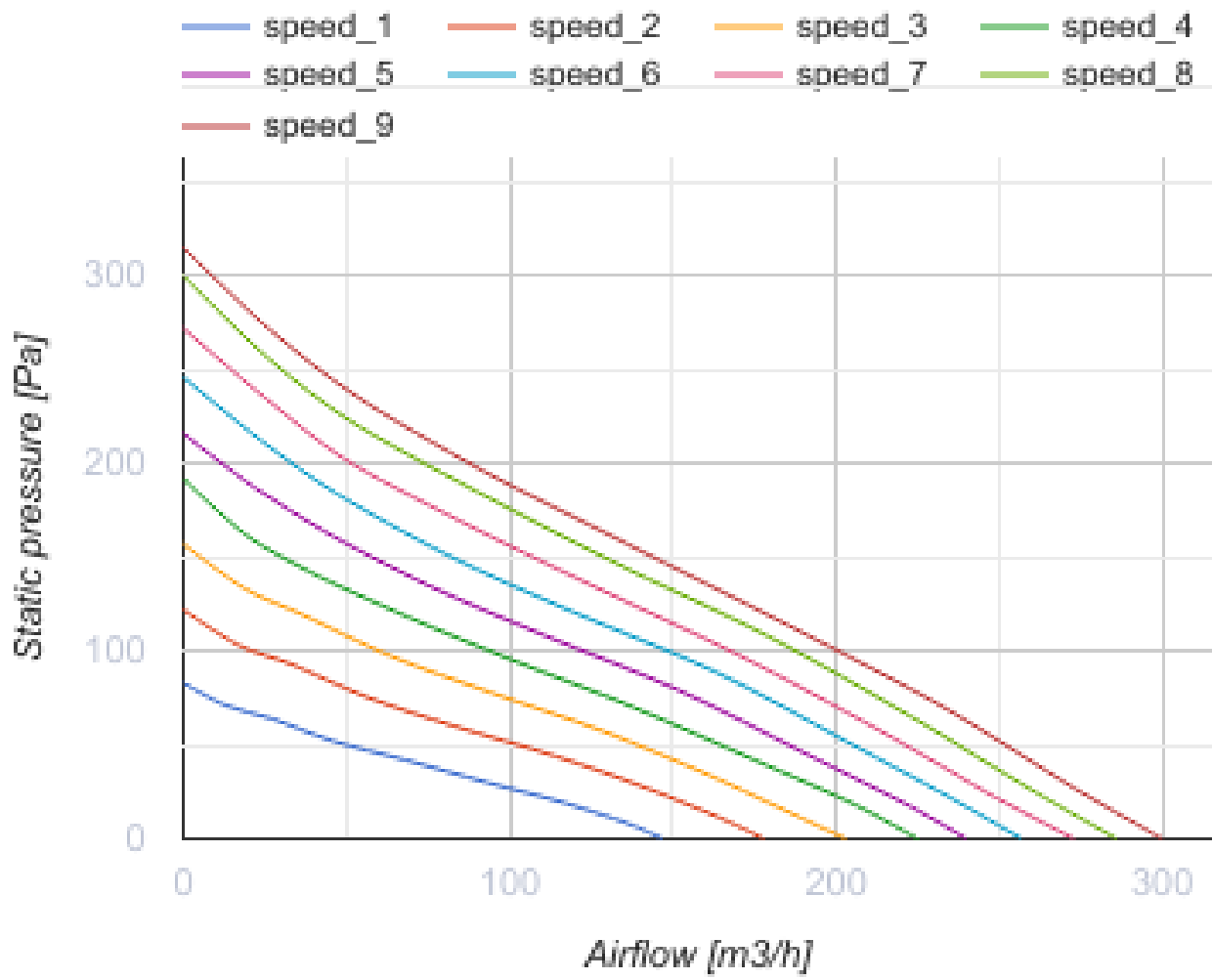
# Iso-Mix EC 100 FR1

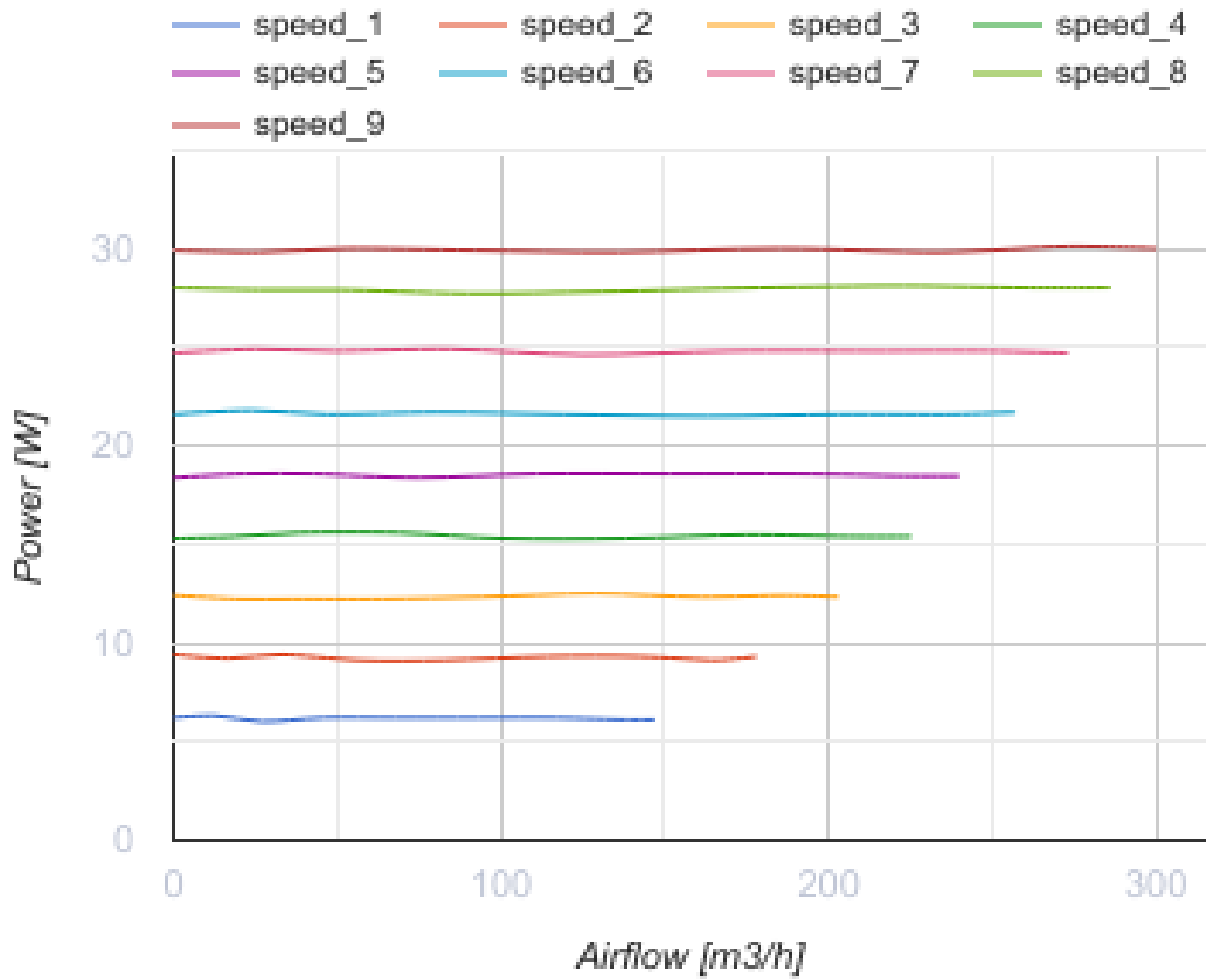
Mixed-flow inline fans in sound-insulated casings with EC-motors



- Maximum airflow: 300
- Sound pressure level LpA at 3 m: 37
- Sound insulation
- Motor type: EC
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Coated steel
- Installation in any position
- Cable with mains plug

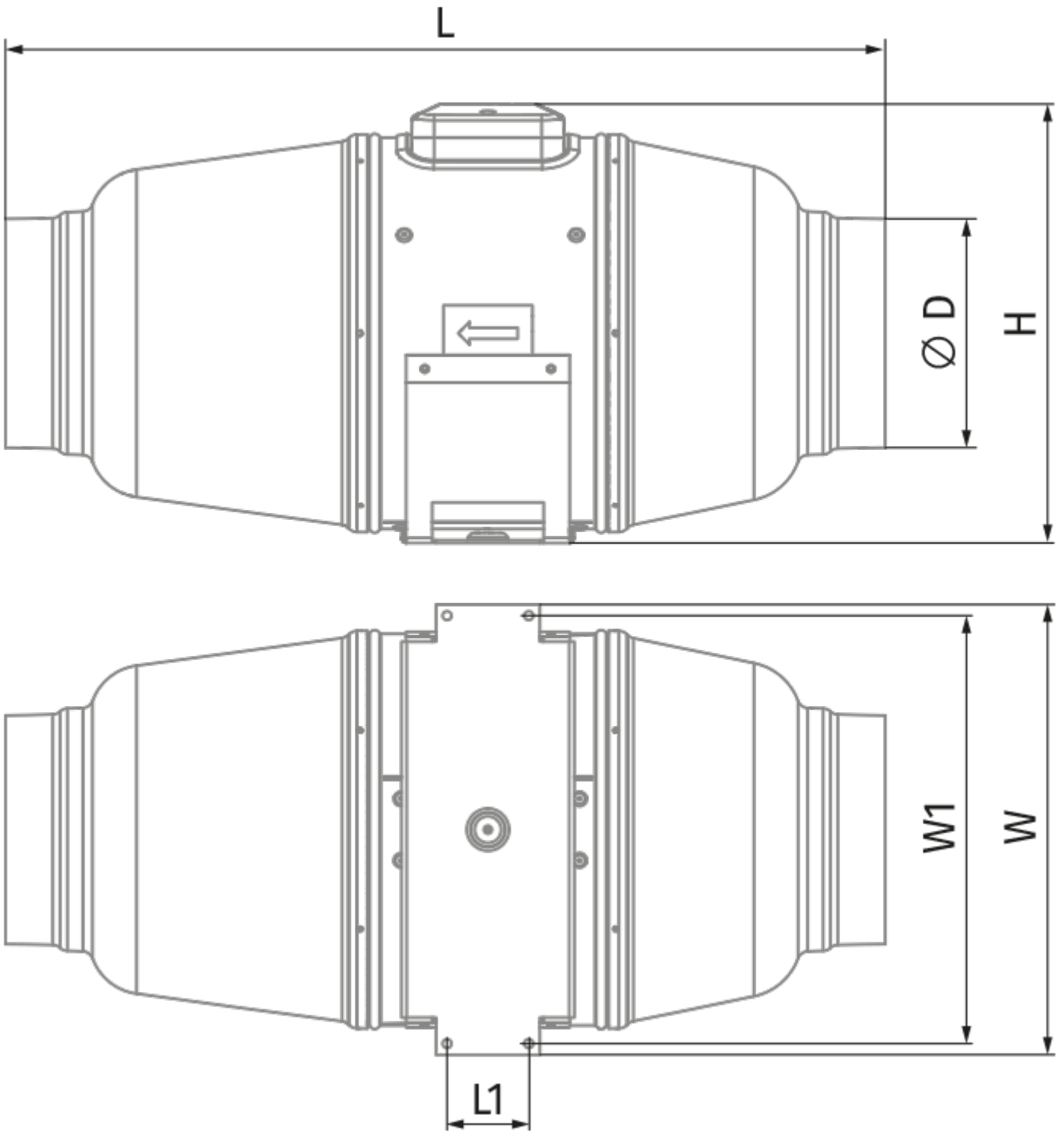
	Unit of measurement	Iso-Mix EC 100 FR1
Connected air duct size	mm	100
Speed	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Rated power	W	30
Unit current	A	0.29
Maximum airflow	m <sup>3</sup> /h	300
Sound pressure level LpA at 3 m	dB(A)	37
Weight	kg	4.9
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4



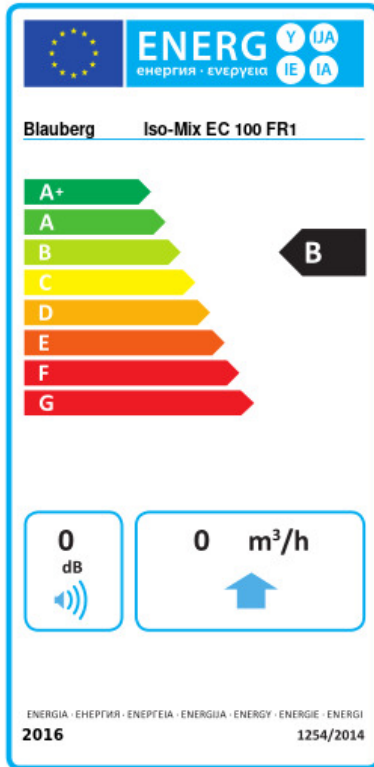


## Dimensions

ØD	H	L	L1	W	W1
98	237	505	44	243	231



## Ecodesign



Trademark	Blaubeerg		
Model	Iso-Mix EC 100 FR1		
Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /a))	Cold	Average	Warm
	0 A+	0 B	0 E
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)	0		
Electric power input (W)	0		
Reference flow rate (m <sup>3</sup> /s)	0		
Reference pressure difference (Pa)	0		
Specific power input (SPI) (W/(m <sup>3</sup> /h))	0		
Control typology	Local demand control		
Maximum external leakage rates (%)	0		
Declared typology	RVU UVU		
Sound power level (dB(A))	0		
The annual electricity consumption (AEC) (kWh/a)	Cold	Average	Warm
	0	0	0
The annual heating saved (AHS) (kWh/a)	Cold	Average	Warm
	0	0	0

## Accessories

### EC motors regulators

Name	Photo	Description
<a href="#">CDT E/0-10</a>		Speed control for EC motors