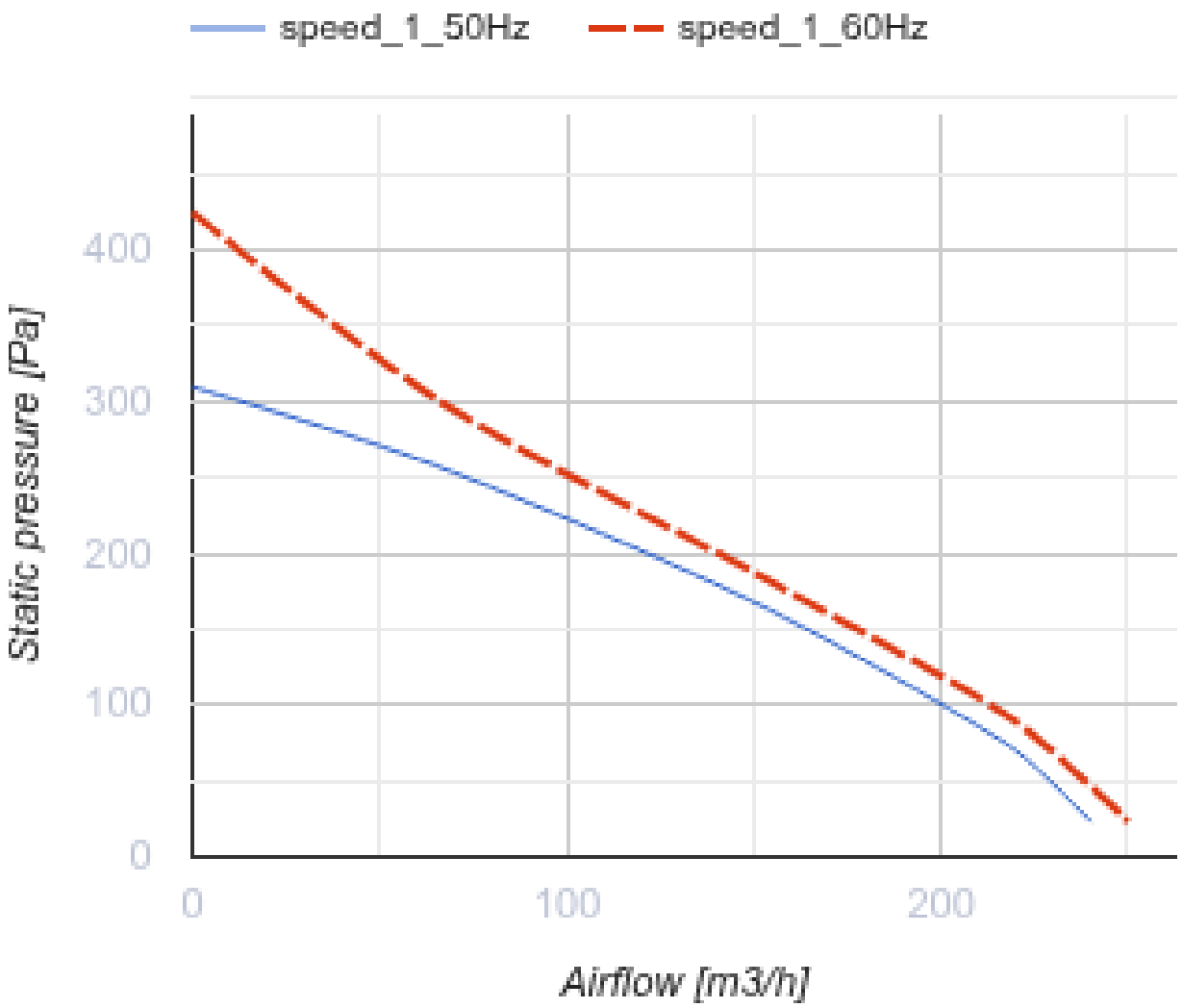
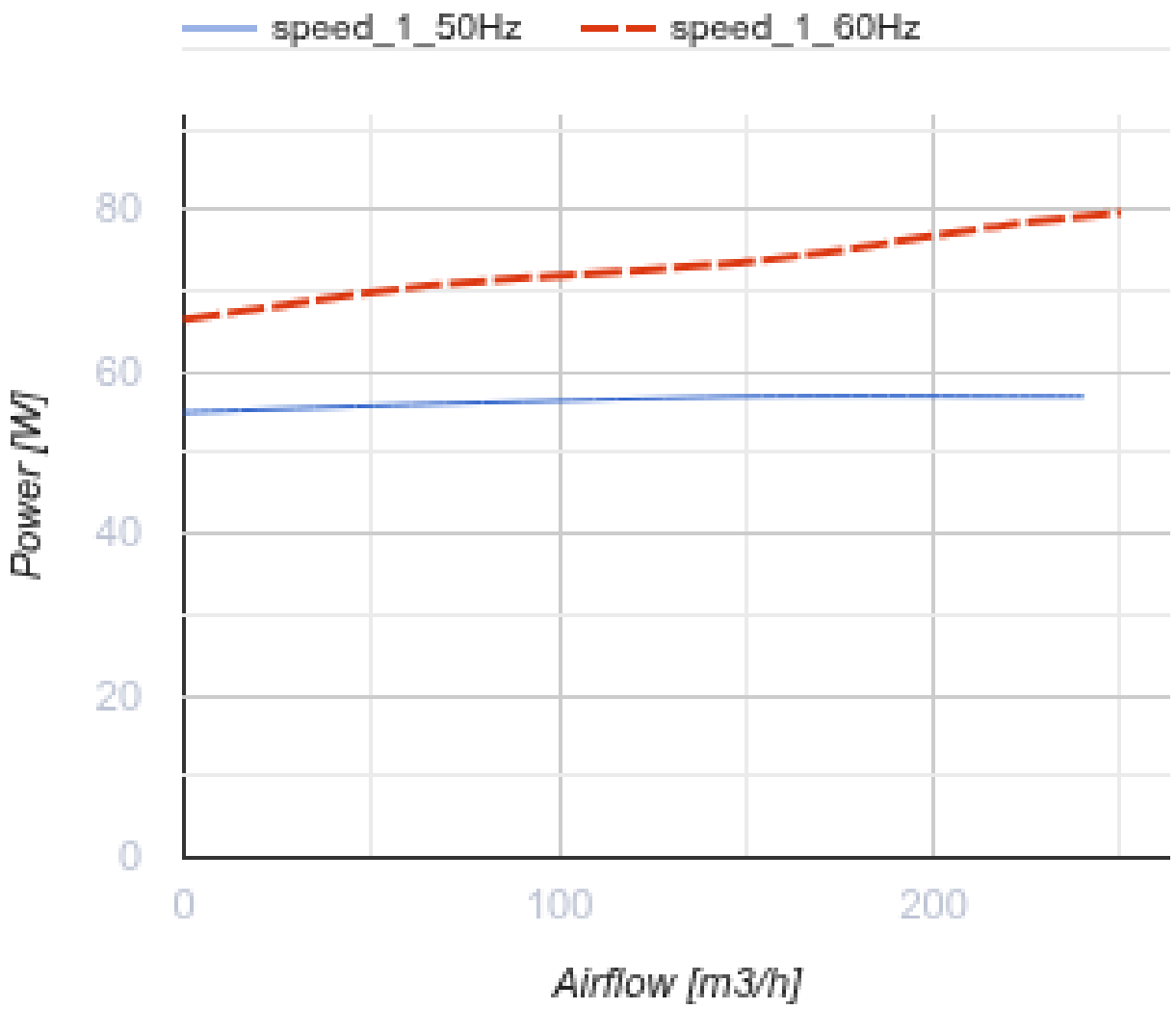
Box 100

Centrifugal inline fans with backward curved blades

• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Coated steel
• Installation in any position

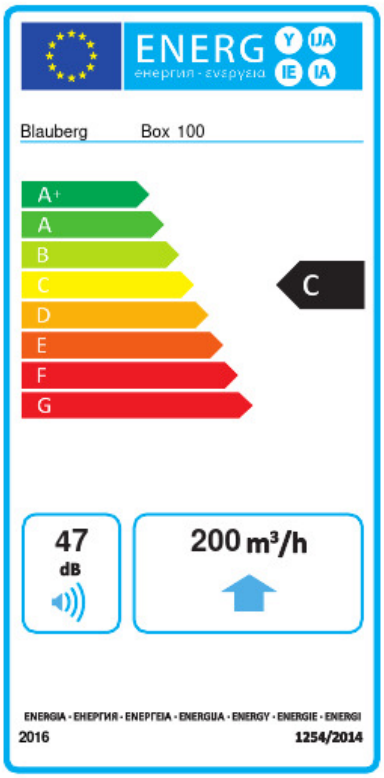
	Unit of measurement	Box 100
Phases	-	1
Minimum supply voltage	V	220
Maximum supply voltage	V	240
Power supply frequency	Hz	50/60
Maximum airflow	m^3/h	240
Weight	kg	4.65
Transported air temperature (max)	°C	50
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


speed_1_50Hz
speed_1_60Hz
Static pressure [Pa]
400
300
200
100
0
0
100
200
Airflow [m3/h]


speed_1_50Hz
speed_1_60Hz
Power [W]
80
60
40
20
0
0
100
200
Airflow [m3/h]

Dimensions

Ecodesign



Trademark	Blauberg					
Model	Box 100					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-52.3	A+	-25.3	C	-9.8	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	200					
Electric power input (W)	58					
Reference flow rate (m³/s)	0.039					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.228					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	47					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	121		121		121	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	