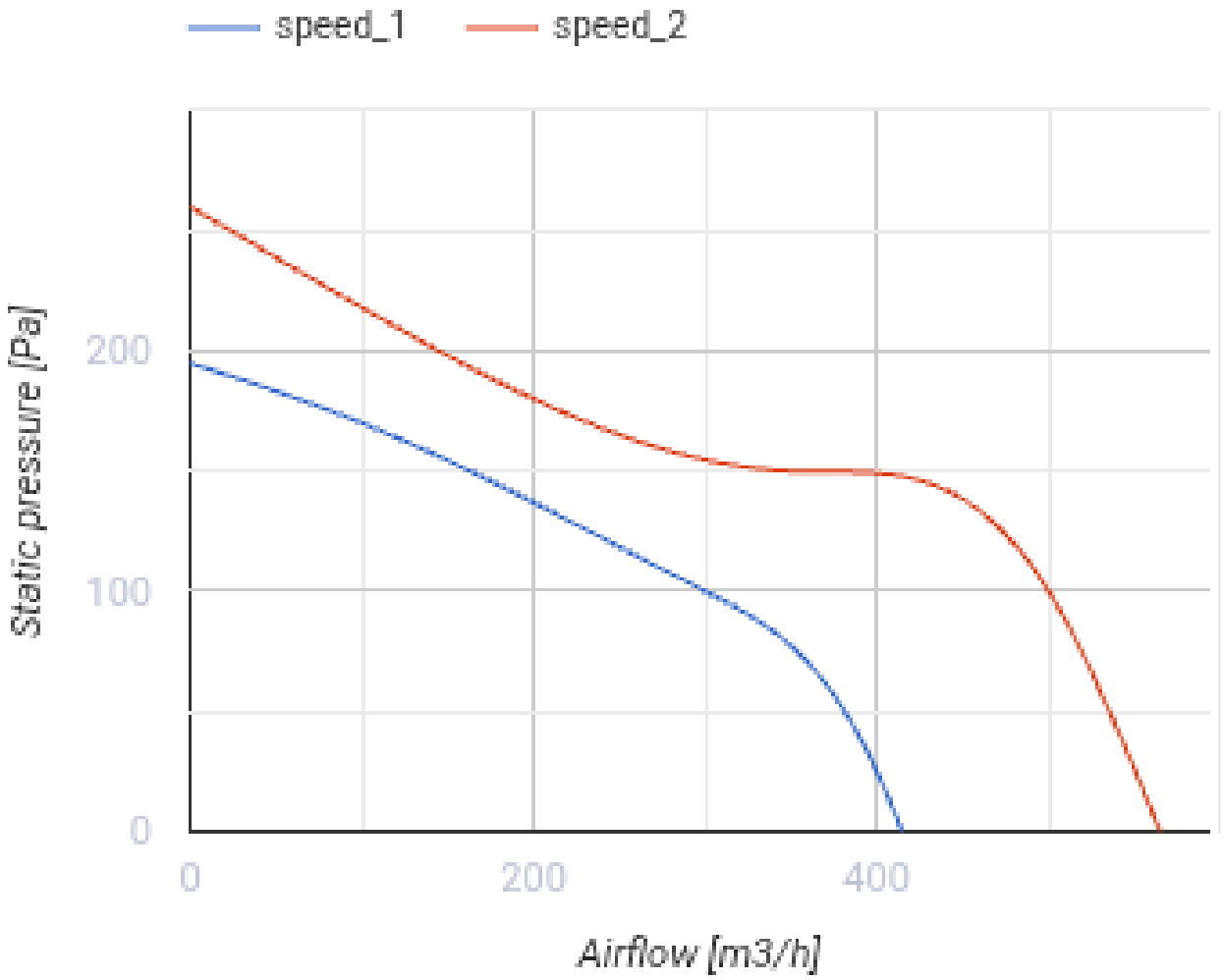


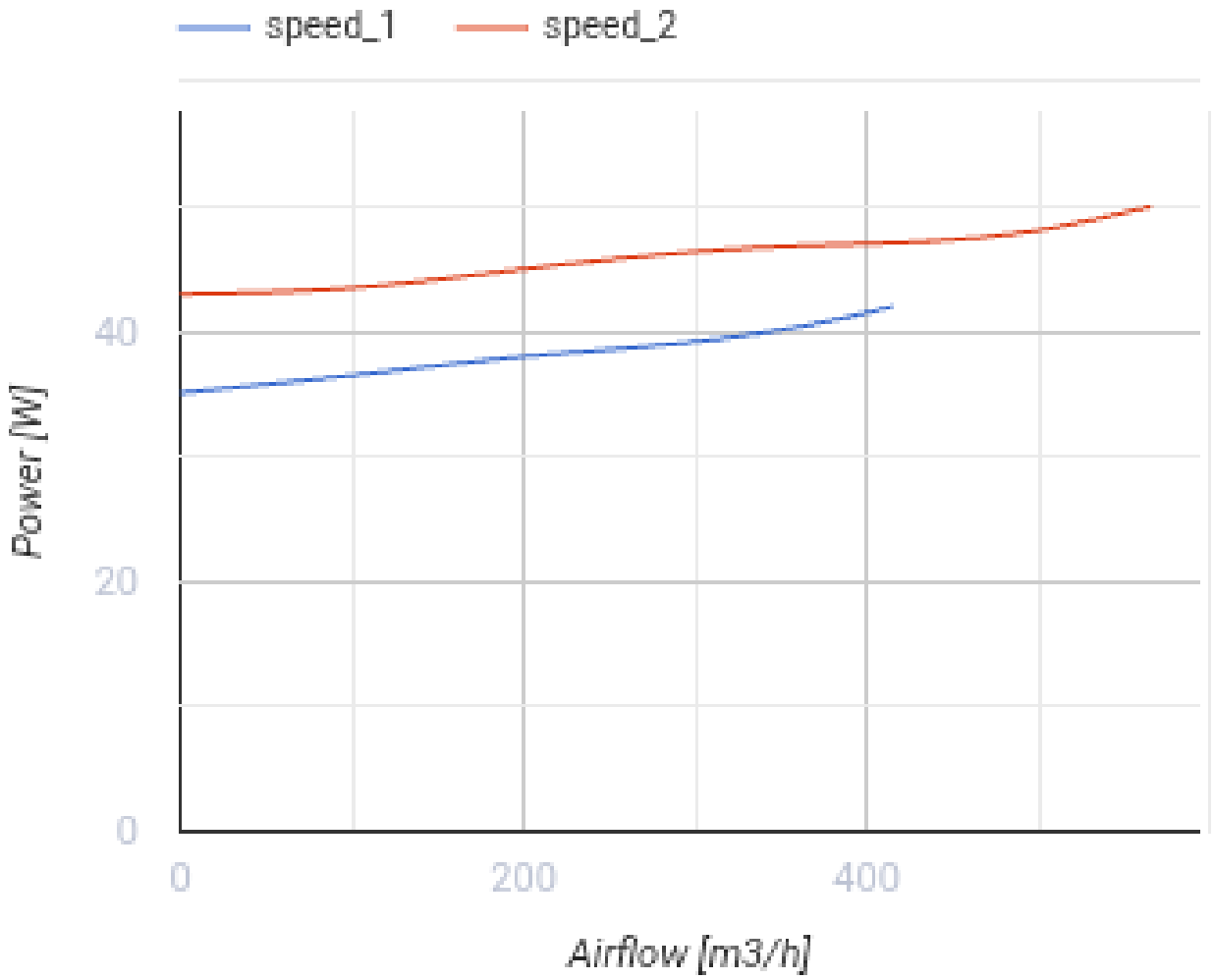
Turbo 160 USW1

Mixed-flow inline fans

- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Polypropylene
- Installation in any position
- Cable with mains plug

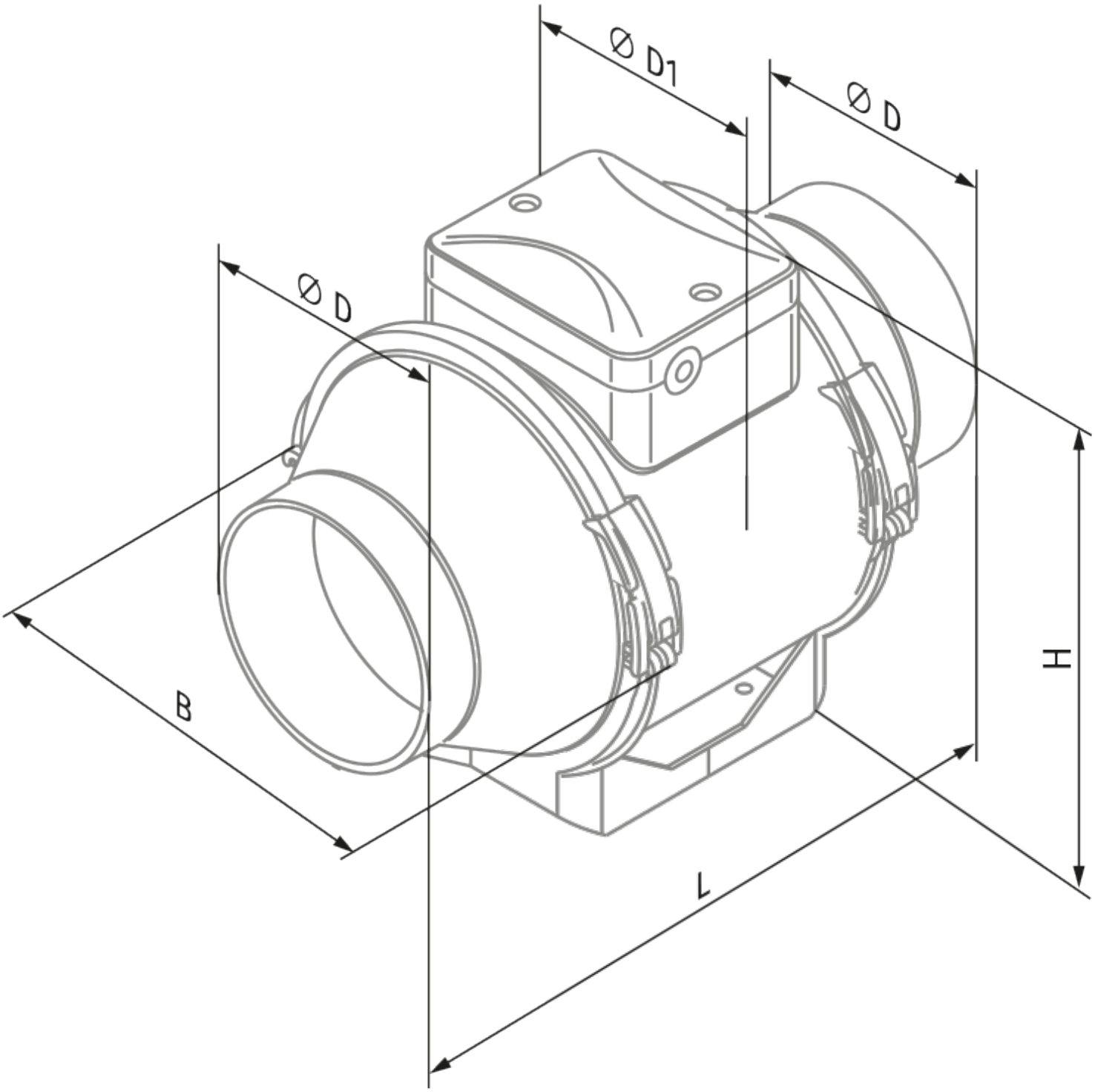
	Unit of measurement	Turbo 160 USW1	
Speed	-	1	2
Phases	-	1	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50/60	
Maximum airflow	m³/h	415	565
Weight	kg	3.25	
Transported air temperature (max)	°C	60	
Ingress protection rating	-	IPX4	
Ingress protection rating of the drive	-	IPX4	
Impeller material	-	Plastic	


speed_1
speed_2
Static pressure [Pa]
200
100
0
0
200
400
Airflow [m3/h]

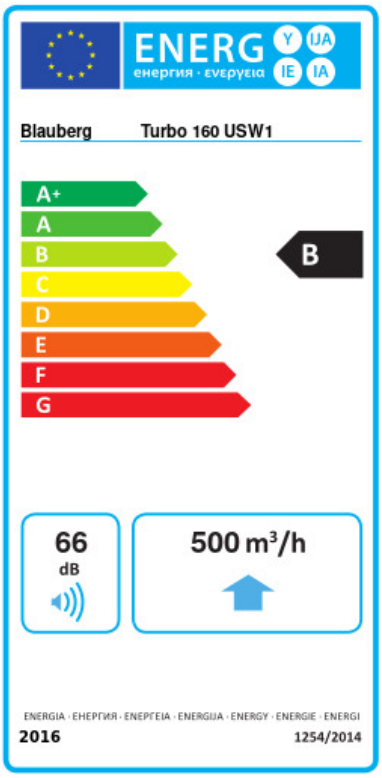


Dimensions

ØD	ØD1	B	H	L
158	187	220	251	289


Ø D1
Ø D
Ø D
B
H
L

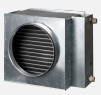
Ecodesign



Trademark	Blauberg					
Model	Turbo 160 USW1					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-53.8	A+	-26.7	B	-11.2	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	500					
Electric power input (W)	50					
Reference flow rate (m³/s)	0.097					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.12					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	66					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	64		64		64	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

Water heaters

Name	Photo	Description
WKH 160-2		Duct water heaters for round ducts
WKH 160-4		Duct water heaters for round ducts

Fittings

Name	Photo	Description

K 160		Clamp for round flexible ducts