

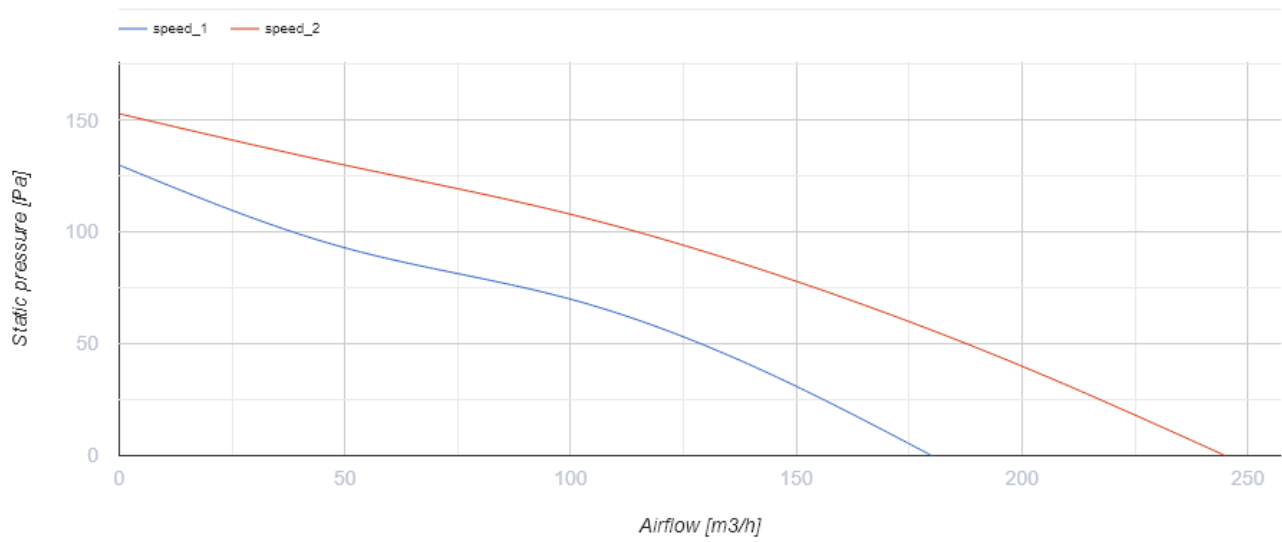


Turbo 100 FR1

Mixed-flow inline fans

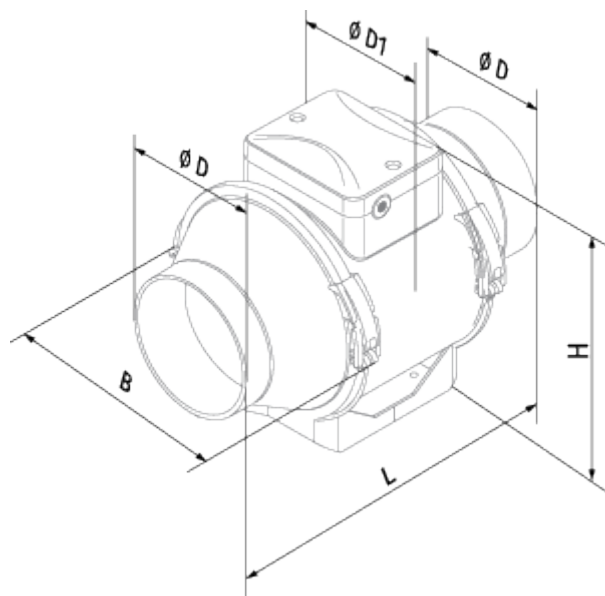
- Maximum airflow: 245
- Sound pressure level LpA at 3 m: 32
- Motor type: AC
- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Plastic
- Installation in any position
- Cable with mains plug

	Unit of measurement	Turbo 100 FR1	
Connected air duct size	mm	100	
Speed	-	2	
Minimum supply voltage	V	230	
Maximum supply voltage	V	230	
Power supply frequency	Hz	50/60	
Rated power	W	23	25
Unit current	A	0.10	0.11
Maximum airflow	m ³ /h	180	245
Sound pressure level LpA at 3 m	dB(A)	27	32
Weight	kg	1.75	
Transported air temperature (max)	°C	60	
Ingress protection rating	-	IPX4	
Ingress protection rating of the drive	-	IPX4	



Dimensions

ØD	ØD1	B	H	L
97	164	196	241	303






Ecodesign




Trademark	Blauberg					
Model	Turbo 100 FR1					
Specific energy consumption (SEC) (kWh/(m ² /a))	Cold		Average		Warm	
	-52.9	A+	-25.9	C	-10.4	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m ³ /h)	180					
Electric power input (W)	25					
Reference flow rate (m ³ /s)	0.035					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m ³ /h))	0.183					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	52					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	97		97		97	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	





Accessories

Other accessories

Name	Photo	Description
MLCD E2		Room temperature regulator
CDT E0.5		Thyristor speed controller
CDT E1.8		Thyristor speed controller

CDP-2/10		Multi-speed switch
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Other accessories

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