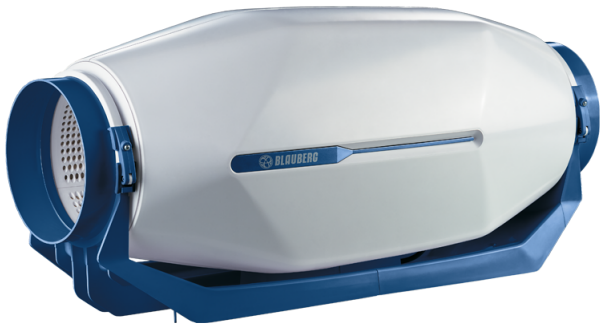
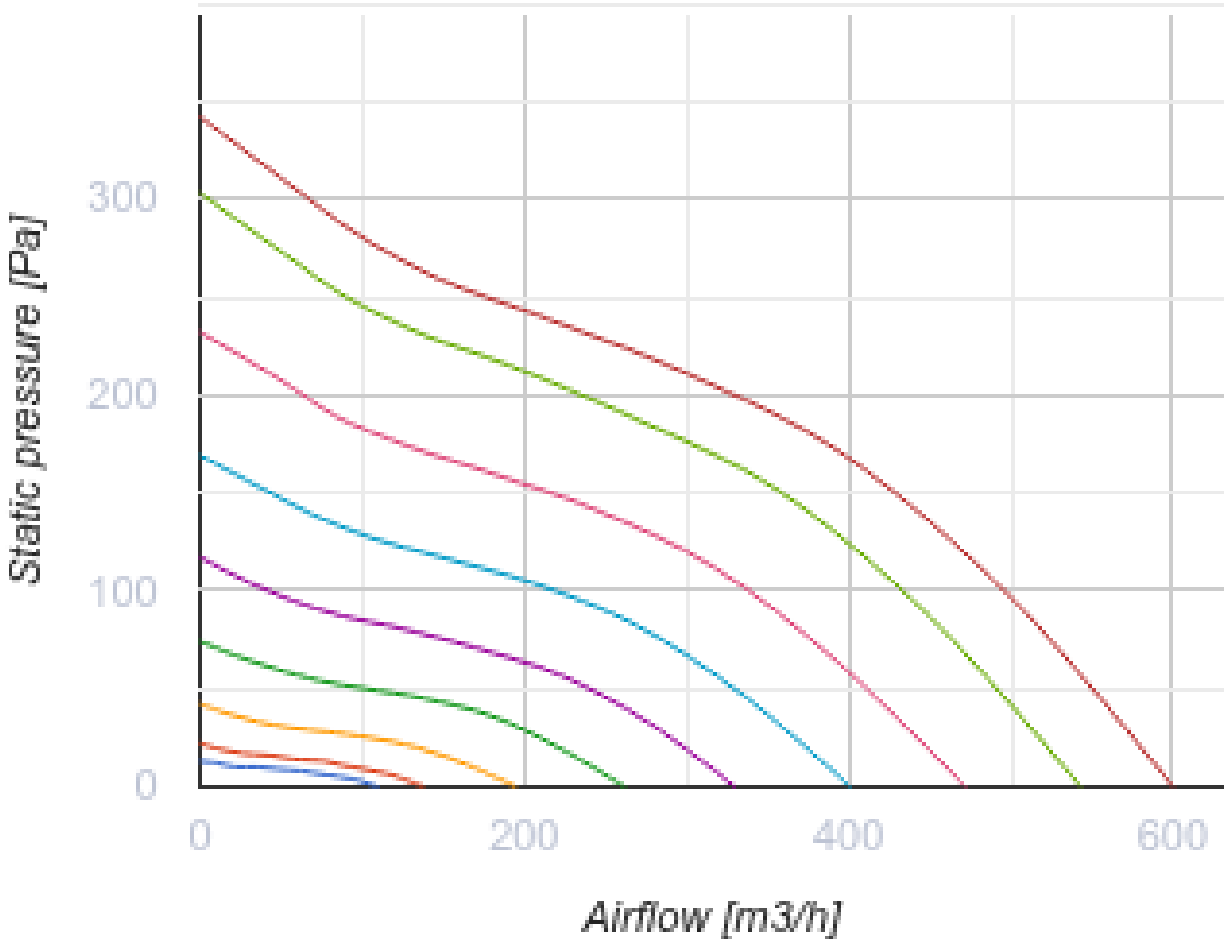


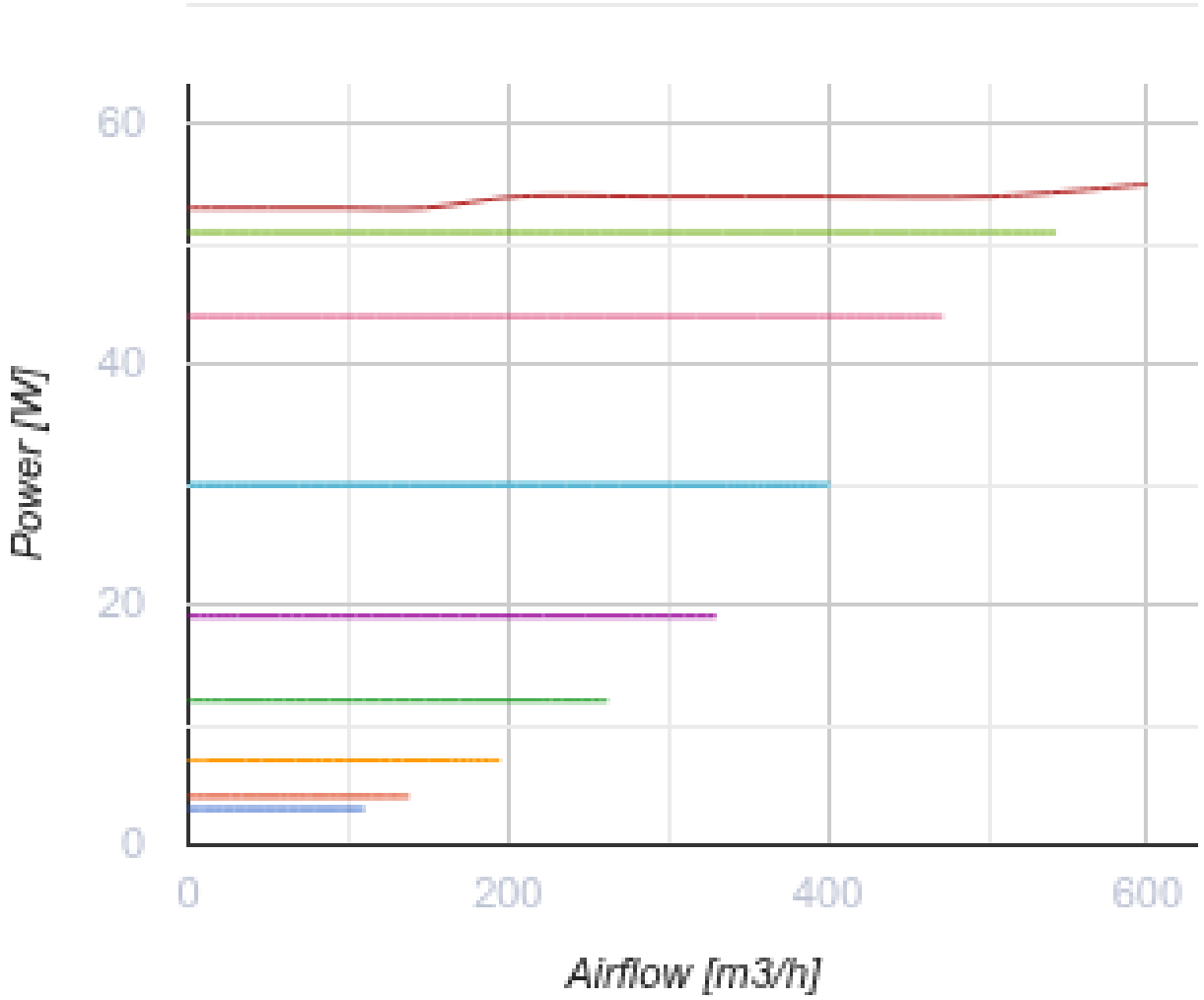
inWave EC 150/160 G1

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

- Sound-insulated casing
- Control: Speed controller
- Impeller type: Mixed-flow
- Casing material: Polypropylene
- Temperature sensor: Remote

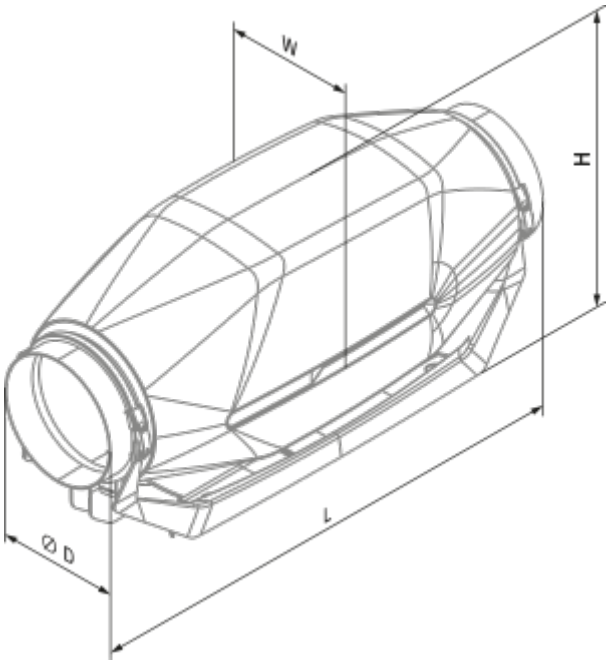
	Unit of measurement	inWave EC 150/160 G1
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m³/h	600
Weight	kg	5
Transported air temperature (max)	°C	55
Transported air temperature (min)	°C	-25
Ambient air temperature min	°C	1
Ambient air temperature max	°C	40
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


Static pressure [Pa]
300
200
100
0
0
200
400
600
Airflow [m3/h]



Dimensions

Ø D	W	L	H
149 (159)	253	606	273

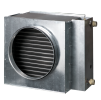
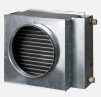

W
H
L
Ø D

Ecodesign

Trademark	Blauberg					
Model	inWave EC 150/160 G1					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.3	A+	-27.3	B	-11.8	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	320					
Electric power input (W)	39					
Reference flow rate (m³/s)	0.054					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.077					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	54					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	41		41		41	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

Water heaters

Name	Photo	Description
WKH 150-2		Duct water heaters for round ducts
WKH 150-4		Duct water heaters for round ducts
WKH 160-2		Duct water heaters for round ducts

WKH 160-4		Duct water heaters for round ducts