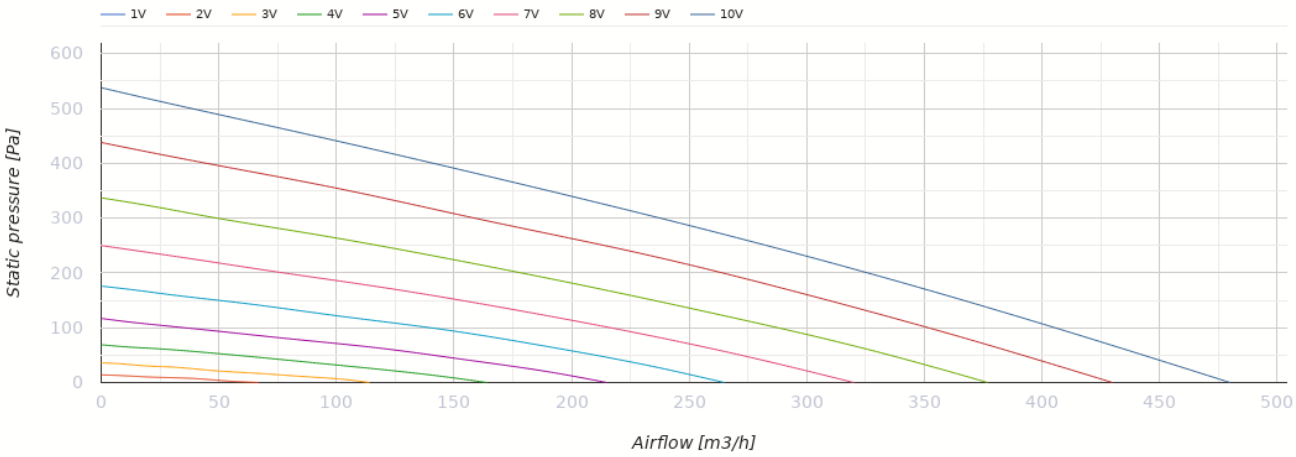
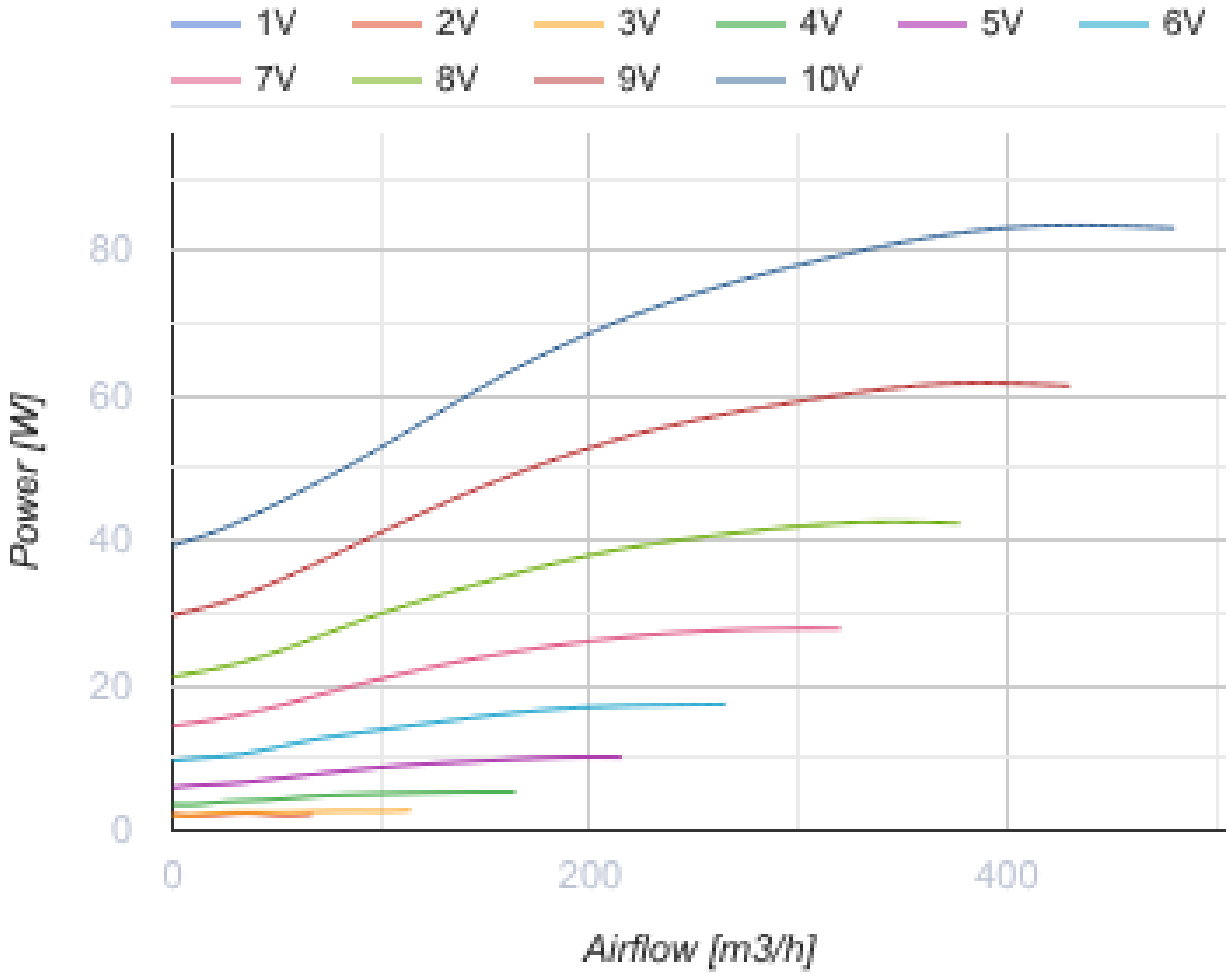
Centro-M EC 125

Centrifugal inline fans with EC-motors

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

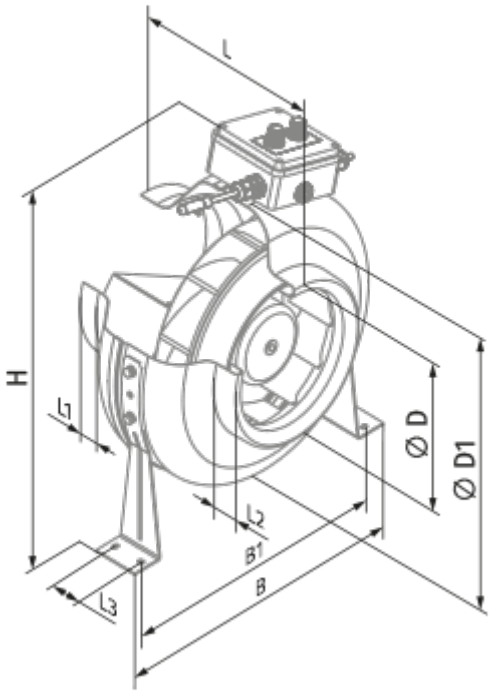
	Unit of measurement	Centro-M EC 125
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m^3/h	480
Weight	kg	3.2
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP44
Impeller material	-	Plastic


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
Static pressure [Pa]
600
500
400
300
200
100
0
0
50
100
150
200
250
300
350
400
450
500
Airflow [m3/h]

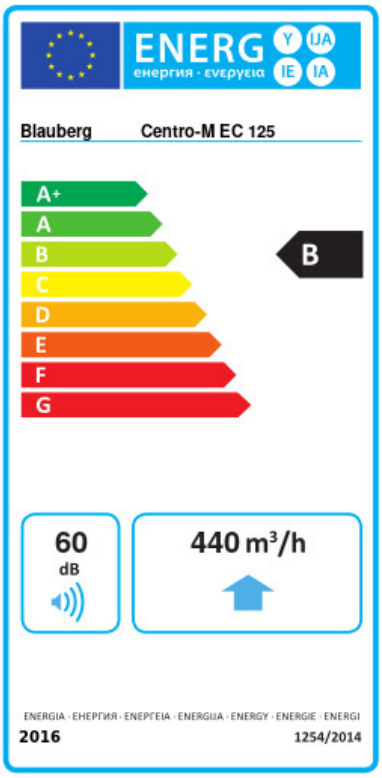

1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
Power [W]
80
60
40
20
0
0
200
400
Airflow [m3/h]

Dimensions

Ø D	Ø D1	B	B1	L	L1	L2	L3	H
124	245	300	260	190	20	20	30	330



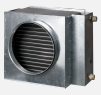
Ecodesign



Trademark	Blauberg					
Model	Centro-M EC 125					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-53.9	A+	-26.8	B	-11.3	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	440					
Electric power input (W)	93.5					
Reference flow rate (m³/s)	0.086					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.11					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	60					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	58		58		58	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

Water heaters

Name	Photo	Description
WKH 125-2		Duct water heaters for round ducts
WKH 125-4		Duct water heaters for round ducts

Fittings

Name	Photo	Description

K 125		Clamp for round flexible ducts