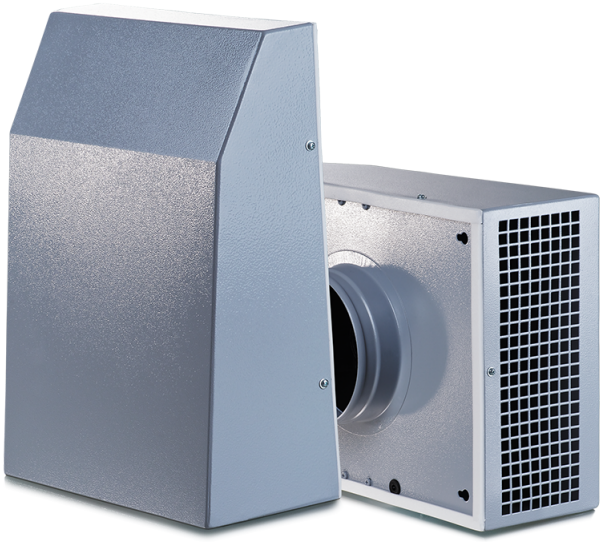
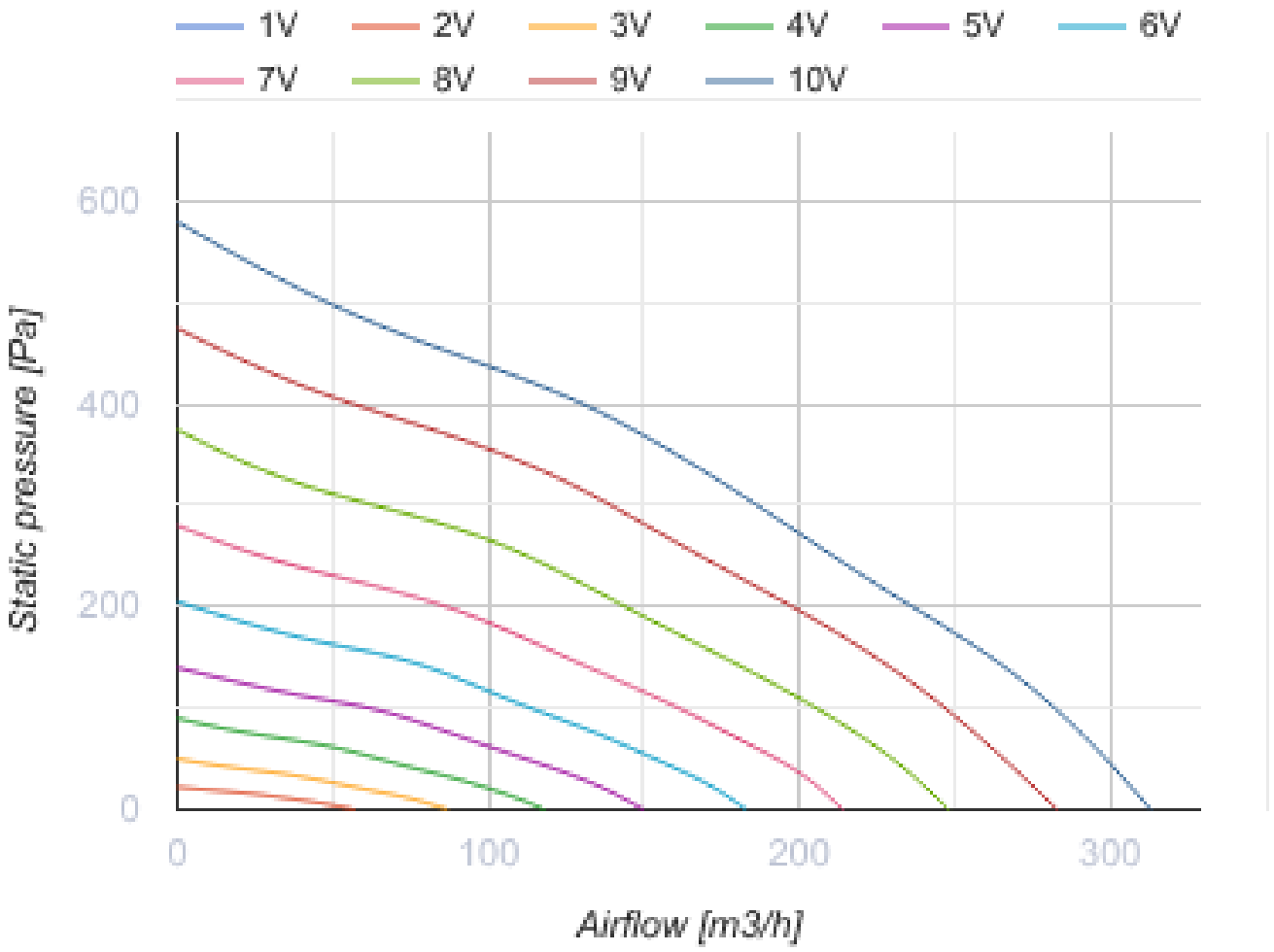


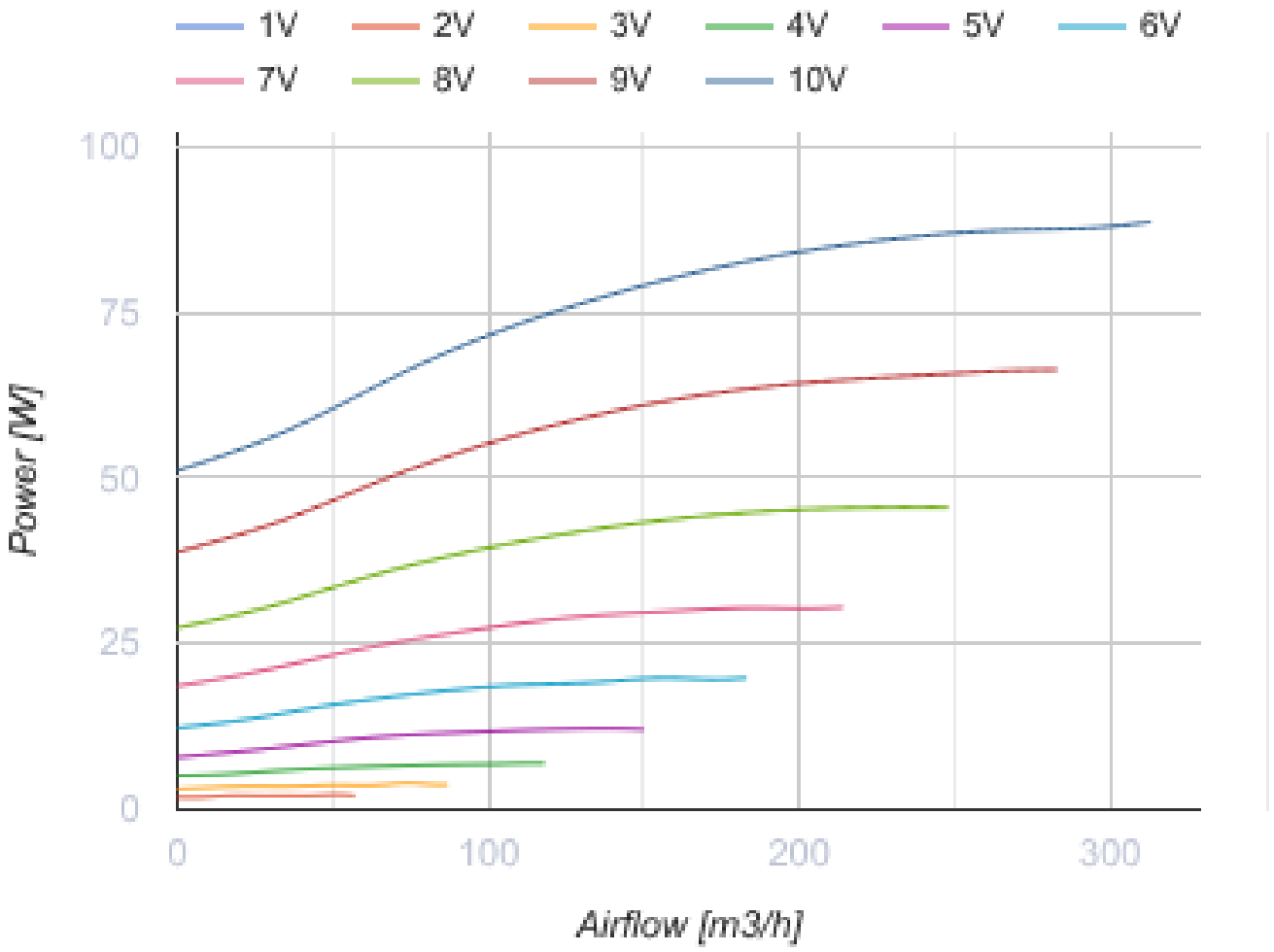
Extero EC 100

Extract centrifugal fans for outdoor wall installation with EC-motors

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

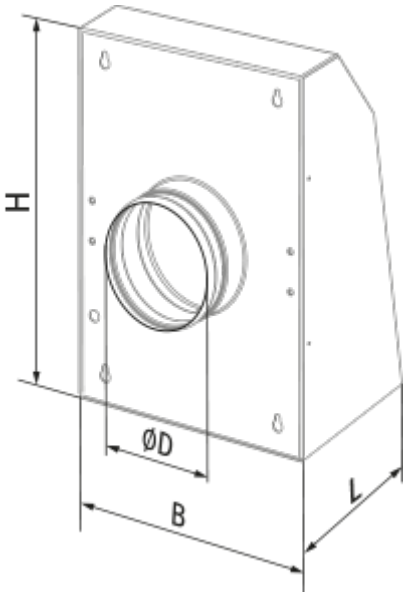
	Unit of measurement	Extero EC 100
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m^3/h	313
Weight	kg	3.6
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP55
Impeller material	-	Plastic


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

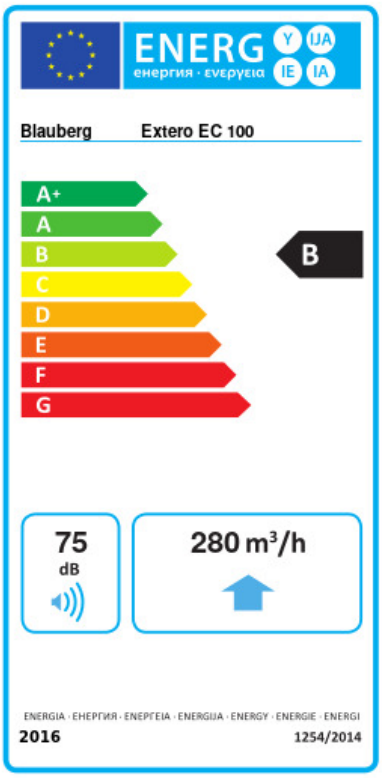


Dimensions

ØD	B	H	L
100	260	355	140


H
ØD
B
L

Ecodesign



Trademark	Blauberg					
Model	Extero EC 100					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-53.3	A+	-26.3	B	-10.8	E
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	280					
Electric power input (W)	87.6					
Reference flow rate (m³/s)	0.054					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.155					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	75					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	82		82		82	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	

Accessories

EC motors regulators

Name	Photo	Description
CDT E/0-10		Speed control for EC motors

Humidity sensors

Name	Photo	Description
HSE / HSI 1.5		Sensors

TE / TI 1.5		Timers
LSE / LSI 1.5		Sensors
IRSE / IRSI 1.5		Sensors