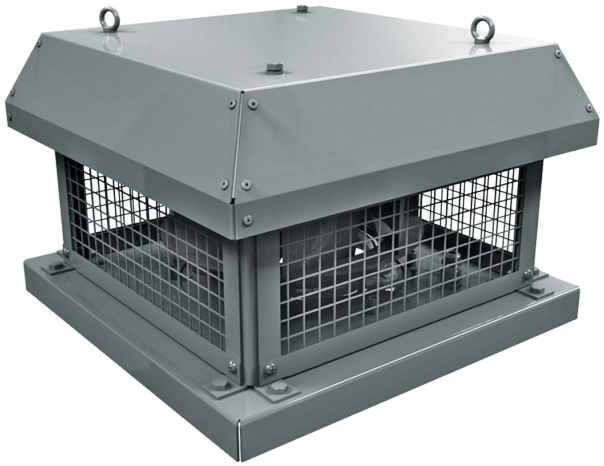
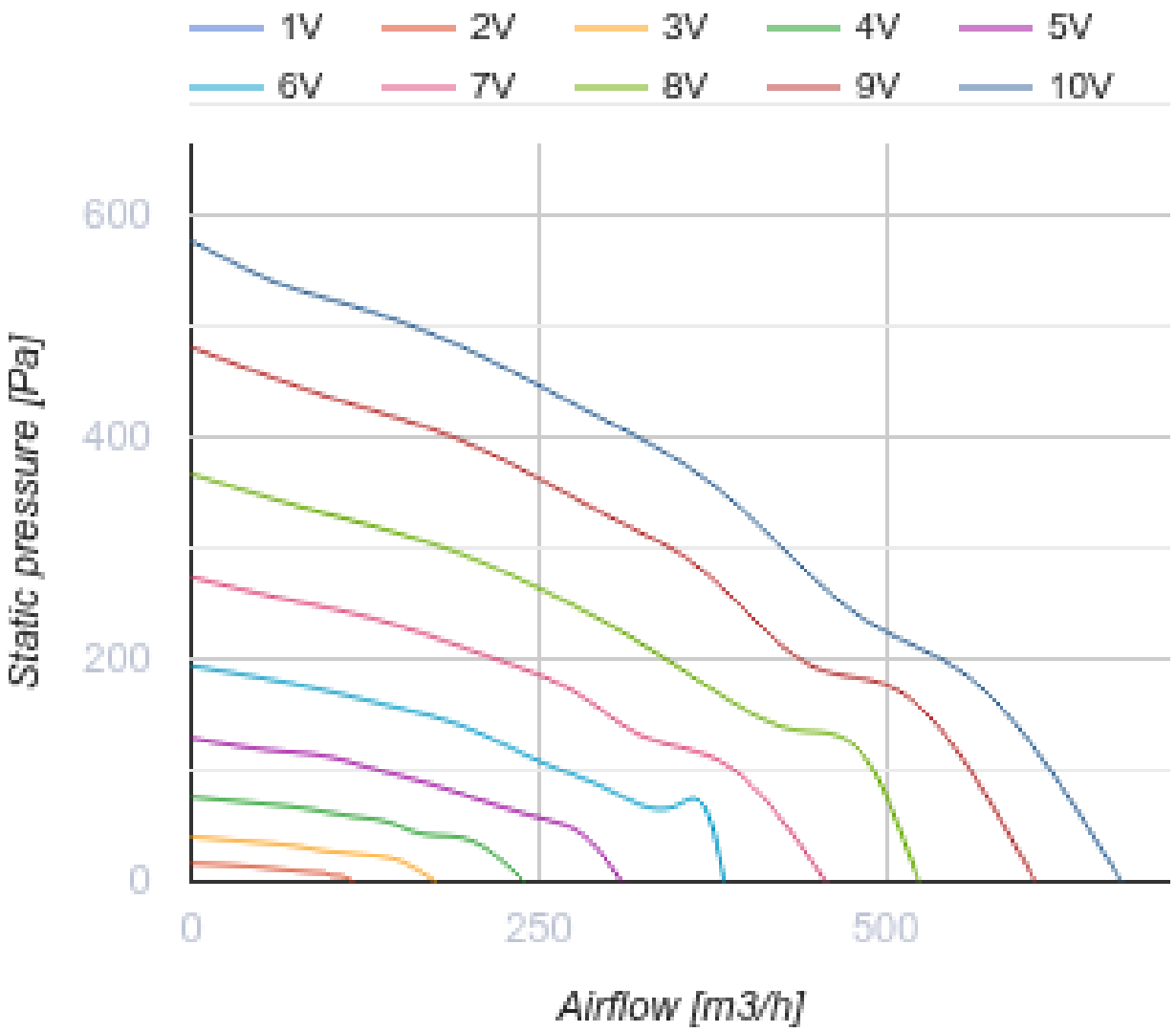


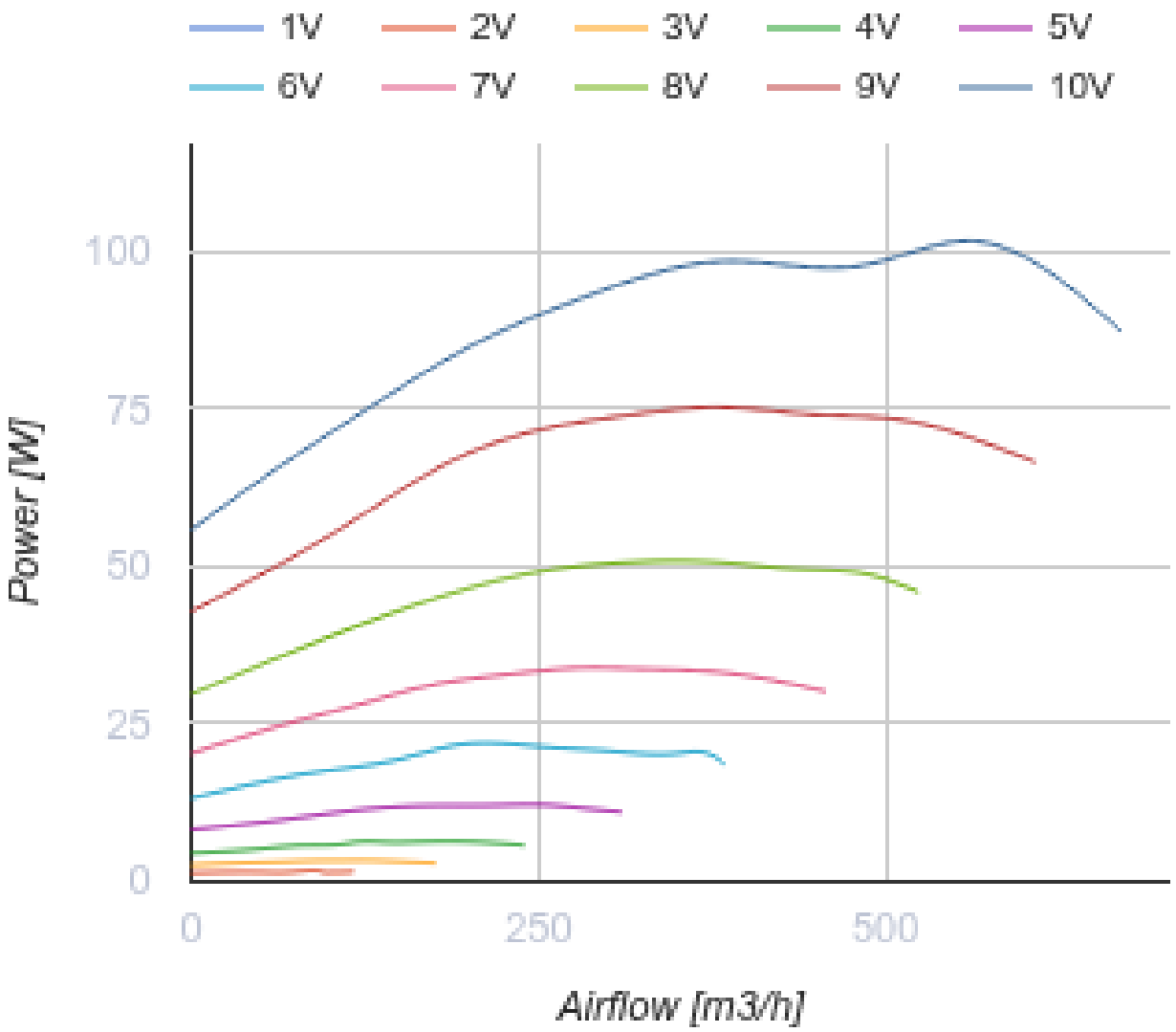
Tower-H EC 190

Roof centrifugal fans with horizontal air discharge with EC-motors

• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Coated steel

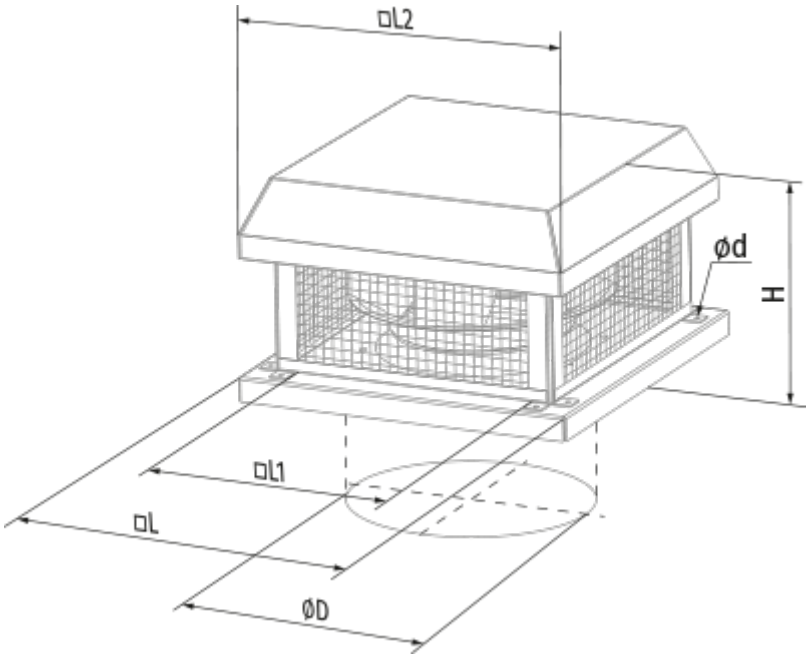
	Unit of measurement	Tower-H EC 190
Phases	-	1
Maximum supply voltage	V	230
Minimum supply voltage	V	230
Power supply frequency	Hz	50/60
Maximum airflow	m³/h	670
Weight	kg	8
Transported air temperature (max)	°C	60
Transported air temperature (min)	°C	-25
Ingress protection rating	-	IPX4
Ingress protection rating of the drive	-	IP55
Impeller material	-	Plastic
Size	mm	190


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

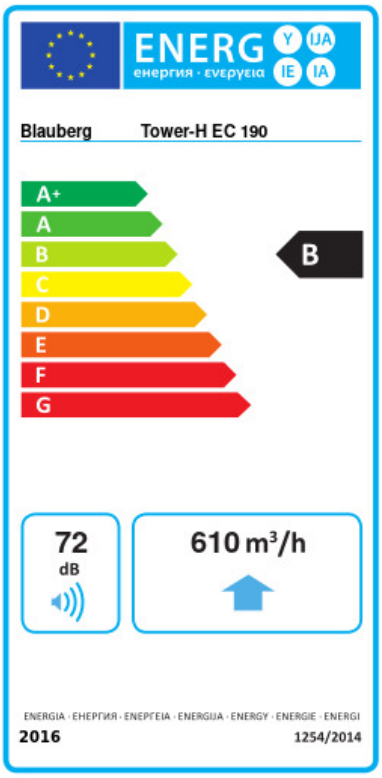


Dimensions

ØD	Ød	H	L	L1	L2
213	11	189	350	245	351


□L2
ød
H
□L1
□L
ØD

Ecodesign



Trademark	Blauberg					
Model	Tower-H EC 190					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-54.4	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)	610					
Electric power input (W)	95					
Reference flow rate (m³/s)	0.119					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.075					
Control typology	Local demand control					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	72					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	40		40		40	
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