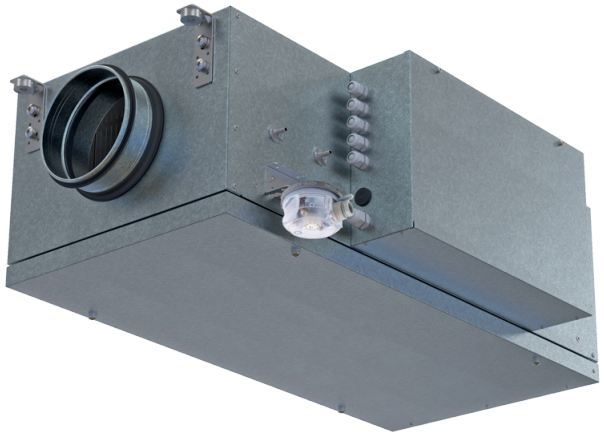
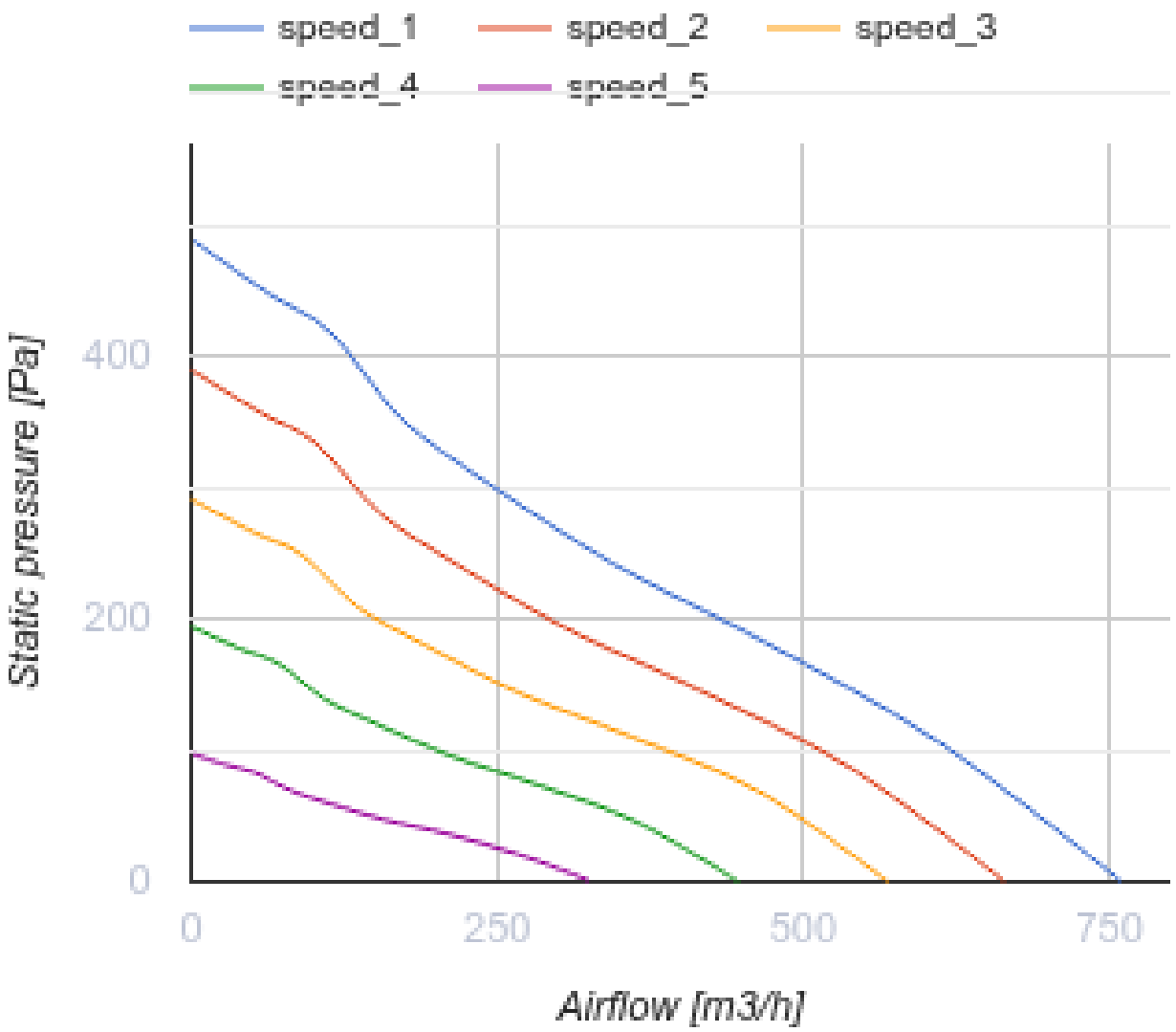


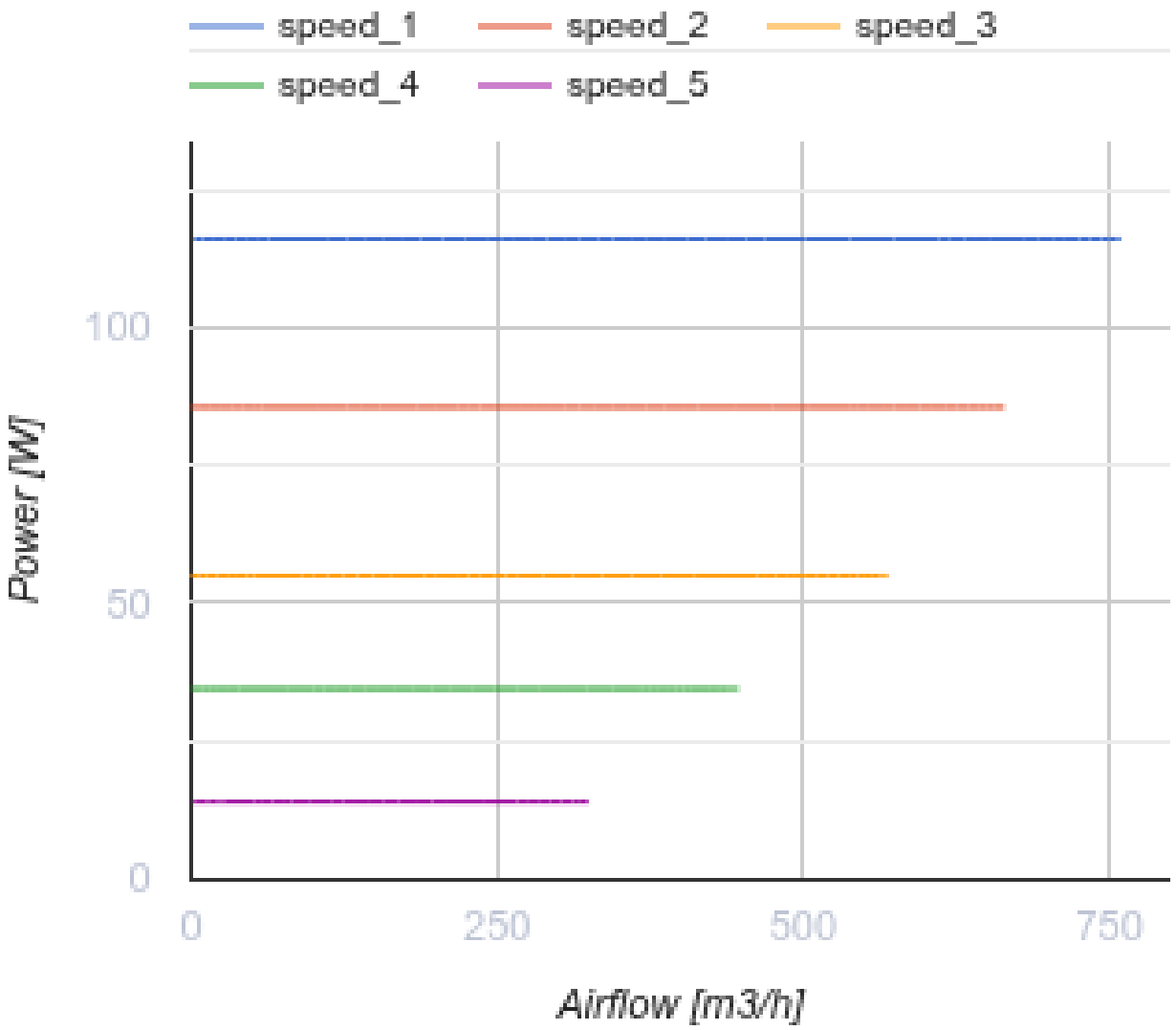
Blaubox EC ME 700-9 S31

Supply ventilation units with an electric heater

- Power of electrical reheater: 9000
- Sound pressure level LpA at 3 m: 41
- Sound-insulated casing
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

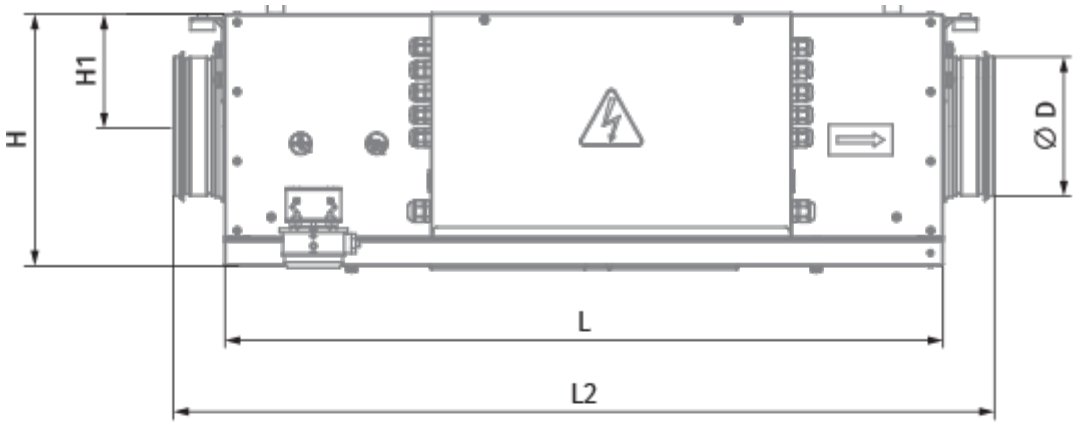
	Unit of measurement	Blaubox EC ME 700-9 S31
Connected air duct size	mm	250
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Rated power	W	116
Power of electrical reheater	W	9000
Unit current	A	14.6
Maximum airflow	m³/h	760
Sound pressure level LpA at 3 m	dB(A)	41
Weight	kg	27
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44

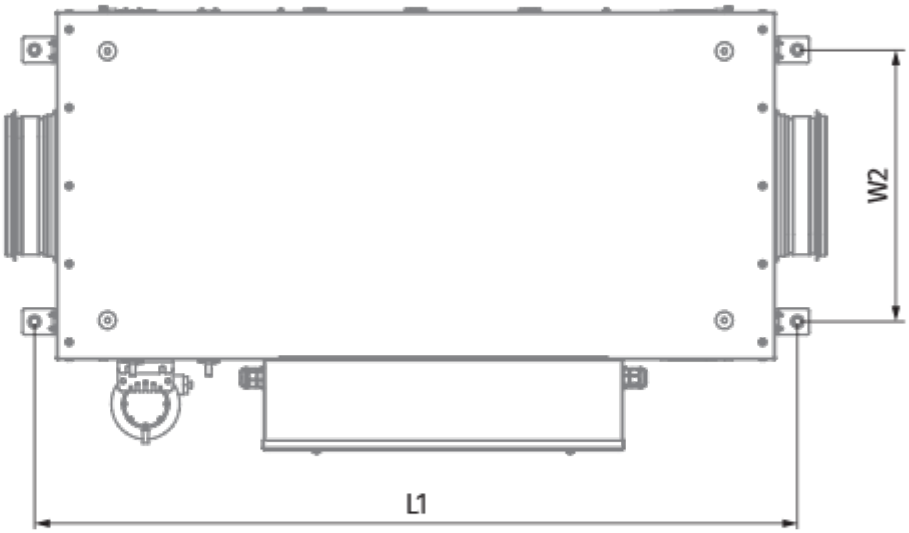

speed_1
speed_2
speed_3
speed_4
speed_5
Static pressure [Pa]
400
200
0
0
250
500
750
Airflow [m3/h]

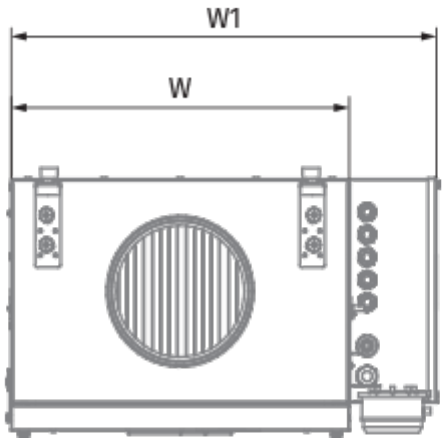


Dimensions

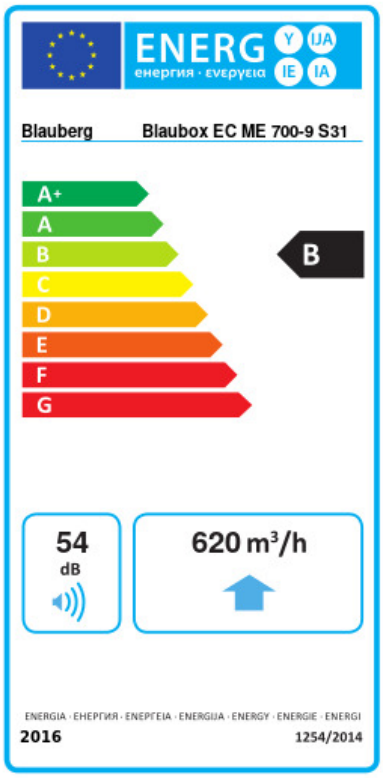
D	H	L	L1	L2	W	W1	W2
250	350	850	903	972	460	565	353


H
H1
Ø D
L
L2


W2
L1


W1
W

Ecodesign



Trademark	Blauberg					
Model	Blaubox EC ME 700-9 S31					
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)	620					
Electric power input (W)	116					
Reference flow rate (m³/s)	0.139					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.11					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Declared typology	RVU UVU					
Sound power level (dB(A))	54					
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

For round ducts

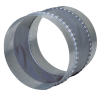
Name	Photo	Description
SD 250/600		Silencers for round ducts
SD 250/900		Silencers for round ducts

SD 250/1200		Silencers for round ducts

For round ducts

Name	Photo	Description
VKA 250		Air dampers for round ducts

For round ducts

Name	Photo	Description
EVA 250		Flexible anti-vibration connectors for round ducts

Other accessories

Name	Photo	Description
FP 384x287x48 ePM1 70% / F7		F7 panel filter
FP 384x287x48 Coarse 90% / G4		G4 panel filter

Electric actuators

Name	Photo	Description
Belimo TF24		Electric actuators
Belimo TF230		Electric actuators