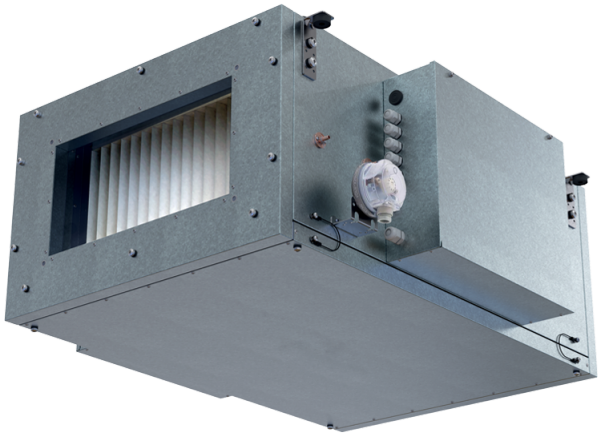
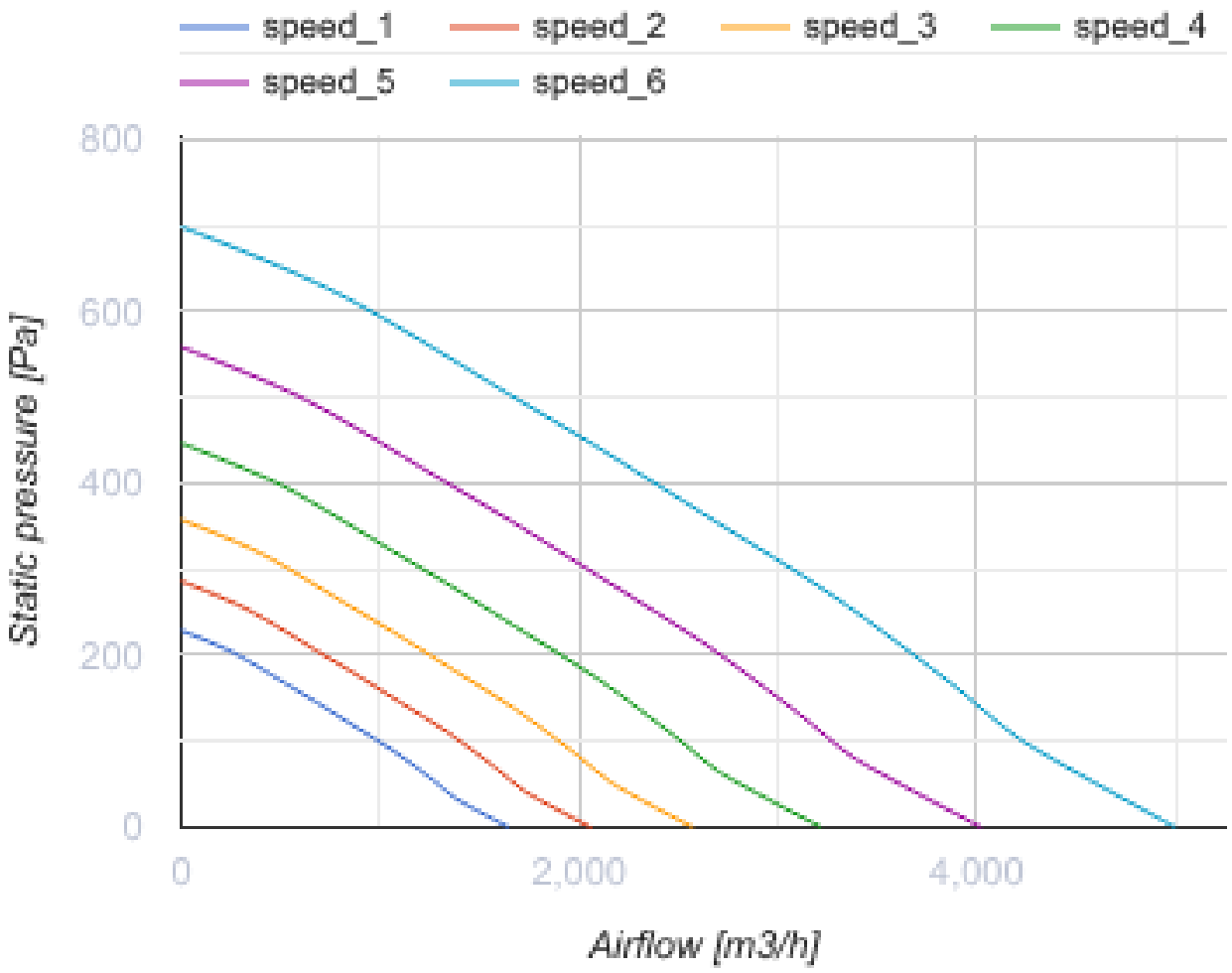


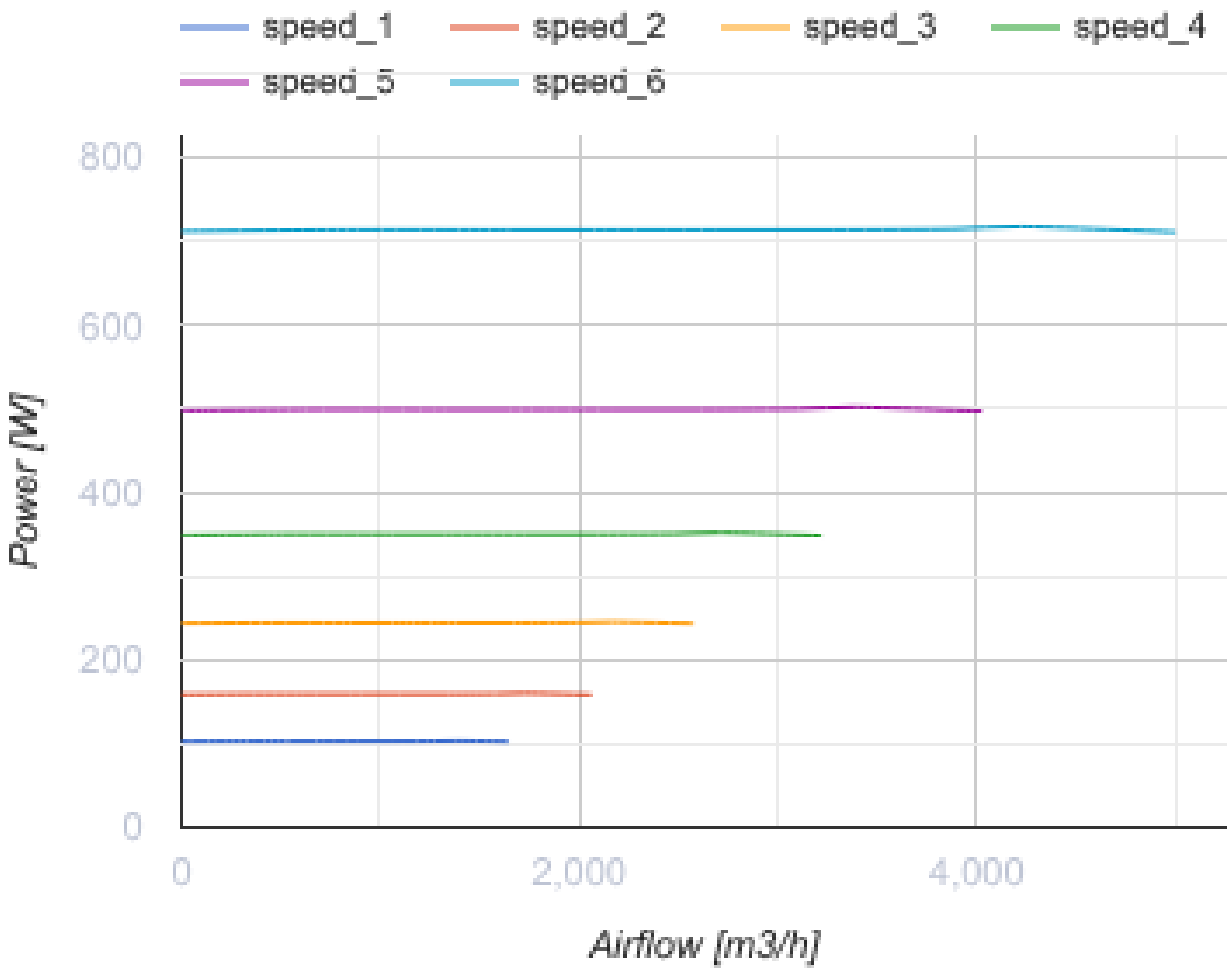
Blaubox EC ME 4000-45 S31

Supply ventilation units with an electric heater

- Power of electrical reheater: 45000
- Sound-insulated casing
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

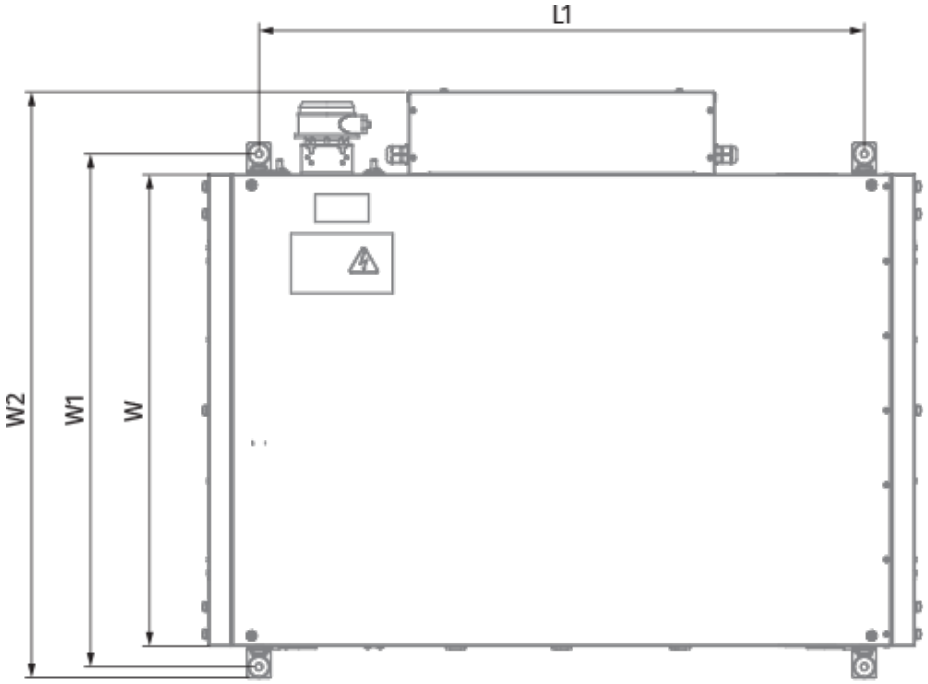
	Unit of measurement	Blaubox EC ME 4000-45 S31
Phases	-	3
Maximum supply voltage	V	400
Minimum supply voltage	V	400
Power supply frequency	Hz	50
Power of electrical reheater	W	45000
Maximum airflow	m^3/h	5000
Weight	kg	60
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44

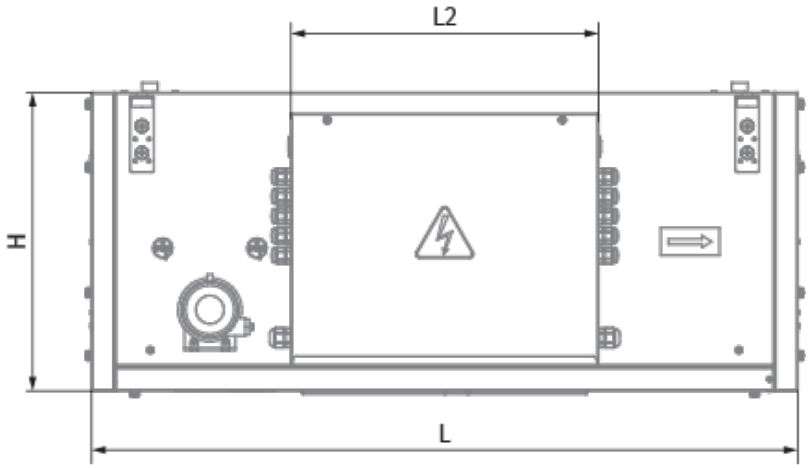

speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
800
600
400
200
0
Static pressure [Pa]
0
2,000
4,000
Airflow [m3/h]

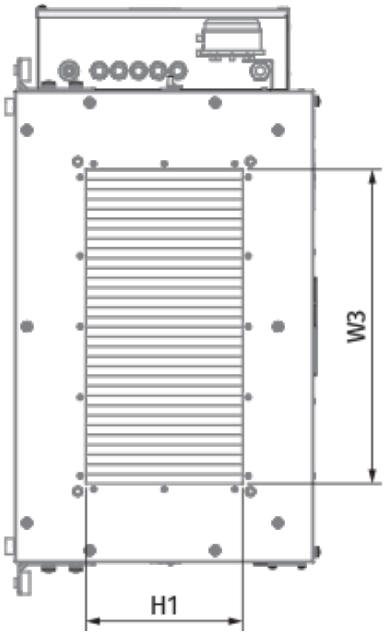


Dimensions

H	H1	L	L1	W	W1	W2	W3
550	400	1200	1070	940	993	1087	700


L1
W2
W1
W


L2
H
L

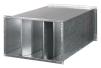

W3
H1

Ecodesign

Trademark	Blauberg
Model	Blaubox EC ME 4000-45 S31
Type of drive installed	Integrated VSD
Type of heat recovery system	None
Nominal external pressure (Pa)	250
Maximum external leakage rates (%)	4
Static efficiency (%)	36.1
Declared typology	NRVU UVU
Effective electric power input (kW)	0.718
Face velocity at design flow rate (m/s)	2.182
Energy performance of filters	B
Sound power level (dB(A))	70

Accessories

For rectangular ducts

Name	Photo	Description
SD 70x40		Silencers for rectangular ducts

For rectangular ducts

Name	Photo	Description
EVA 70x40		Flexible anti-vibration connectors for rectangular ducts

Airflow regulators

Name	Photo	Description
SL 70x40		Air dampers for rectangular ducts

Other accessories

Name	Photo	Description
FP 874x485x80 ePM1 70% / F7		F7 panel filter
FP 874x485x80 Coarse 90% / G4		G4 panel filter

Electric actuators

Name	Photo	Description
Belimo TF24		Electric actuators
Belimo TF230		Electric actuators