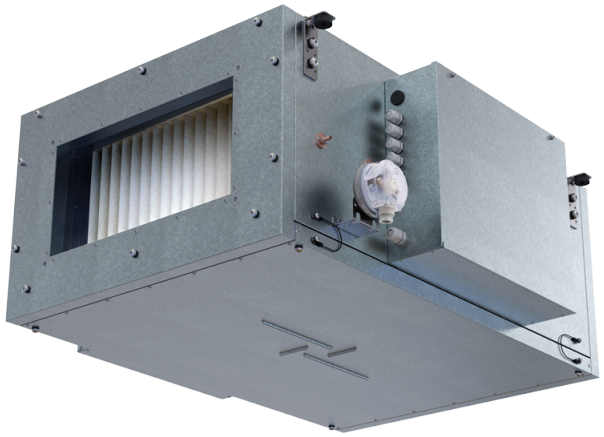
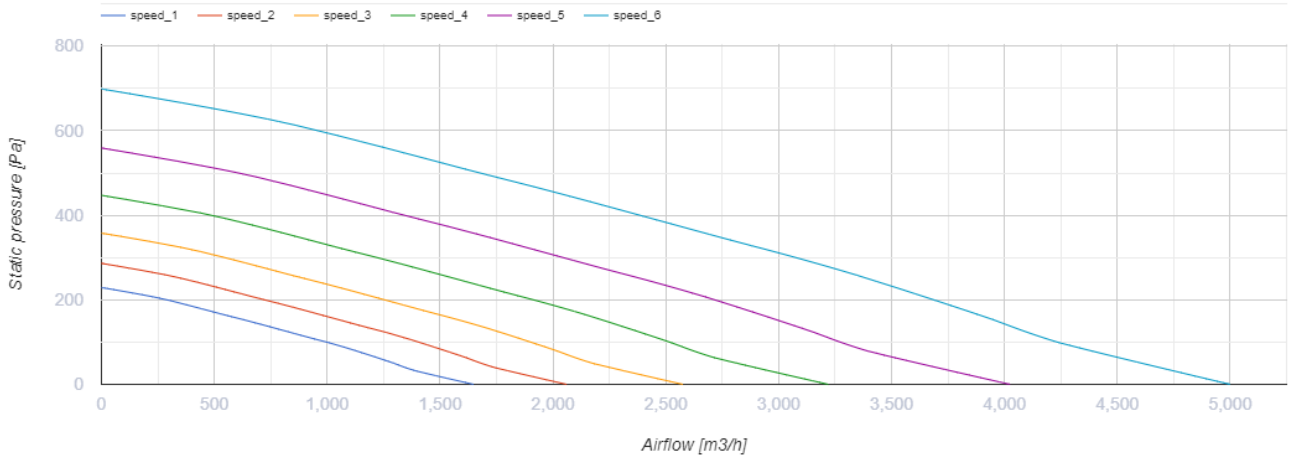
MPA 4000 E-45.0 EC A31

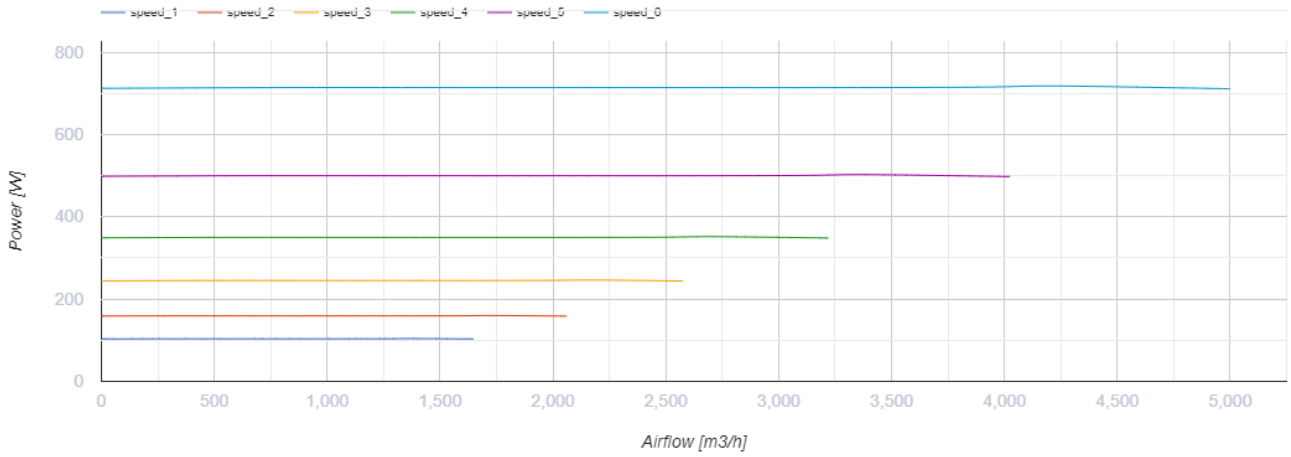


Air supply units in the sound- and heat-insulated casing

- Power of electrical reheater: 45000
- Sound pressure level LpA at 3 m: 49
- Filter: Coarse 90% / G4 (option ePM1 70% / F7)
- Sound-insulated casing
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

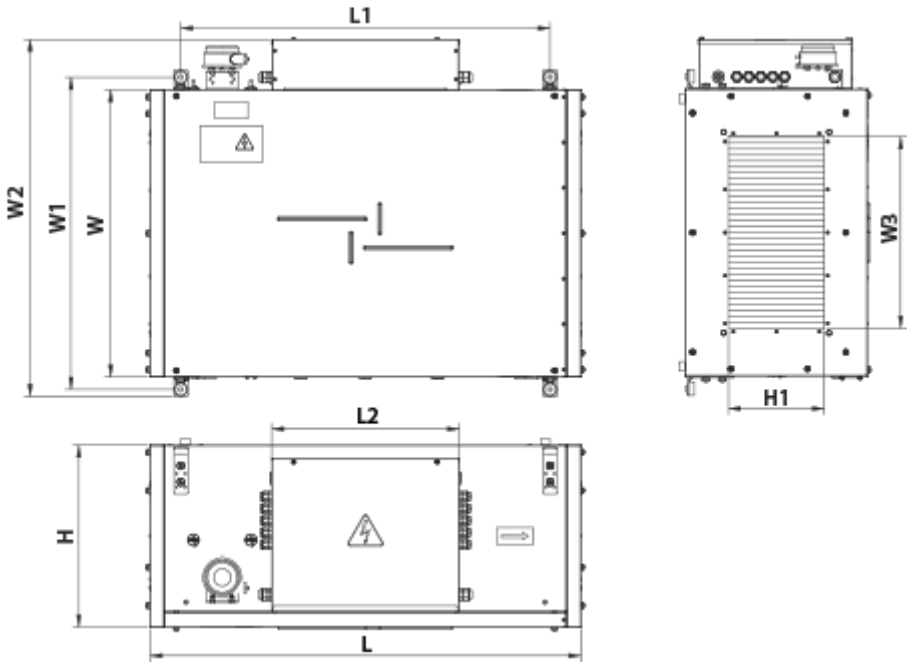
	Unit of measurement	MPA 4000 E-45.0 EC A31
Connected air duct size	mm	700x400
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Rated power	W	717
Power of electrical reheater	W	45000
Unit current	A	73.2
Maximum airflow	m^3/h	5000
Sound pressure level LpA at 3 m	dB(A)	49
Weight	kg	60
Filter	-	Coarse 90% / G4 (option ePM1 70% / F7)
Transported air temperature (max)	°C	40
Transported air temperature (min)	°C	-30
Ingress protection rating	-	IP22
Ingress protection rating of the drive	-	IP44





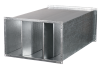
Dimensions

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



Accessories

For rectangular ducts

Name	Photo	Description
SR 700x400		Plate silencer for installation in rectangular ducts

For rectangular ducts

Name	Photo	Description
VVG 700x400		Flexible anti-vibration inserts for round air ducts

Airflow regulators

Name	Photo	Description
RRV 700x400		Air flow controllers

Electric actuators

Name	Photo	Description
Belimo TF24		The actuators are designed for controlling air dampers with cross section up to 0.4 m² performing protection functions

Belimo TF230		The actuators are designed for controlling air dampers with cross section up to 0.4 m² performing protection functions

Other accessories

Name	Photo	Description
SF 874x485x80 G4		Panel filter G4
SF 874x485x80 F7		F7 panel filter

Ecodesign

Trademark	Vents
Model	MPA 4000 E-45.0 EC A31
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