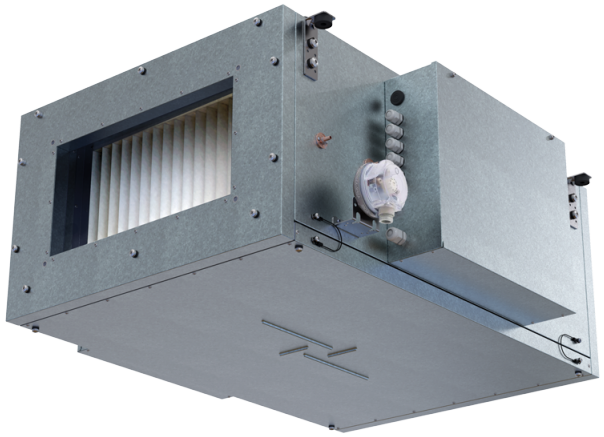
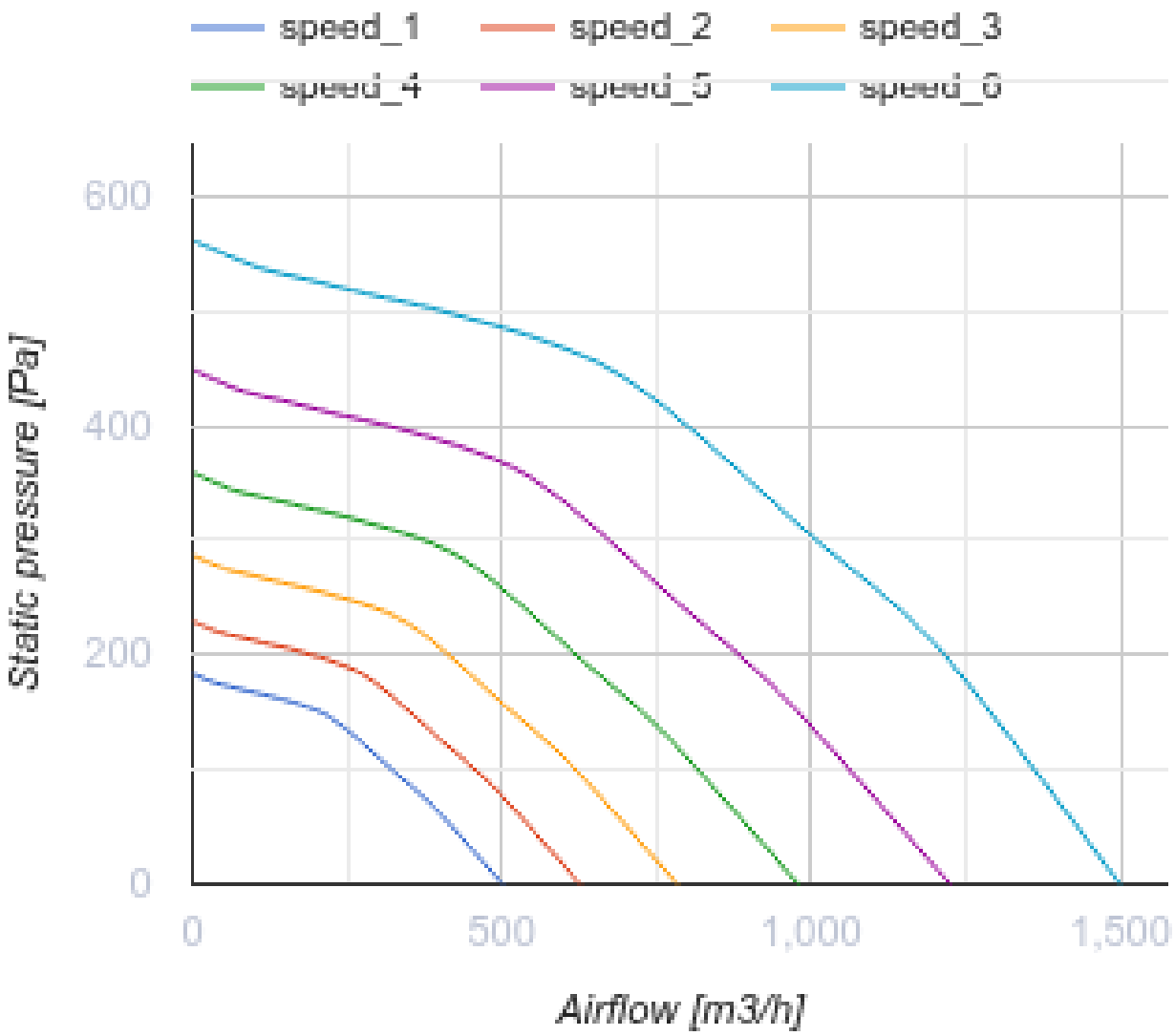
MPA 1500 E-18.0 EC A31

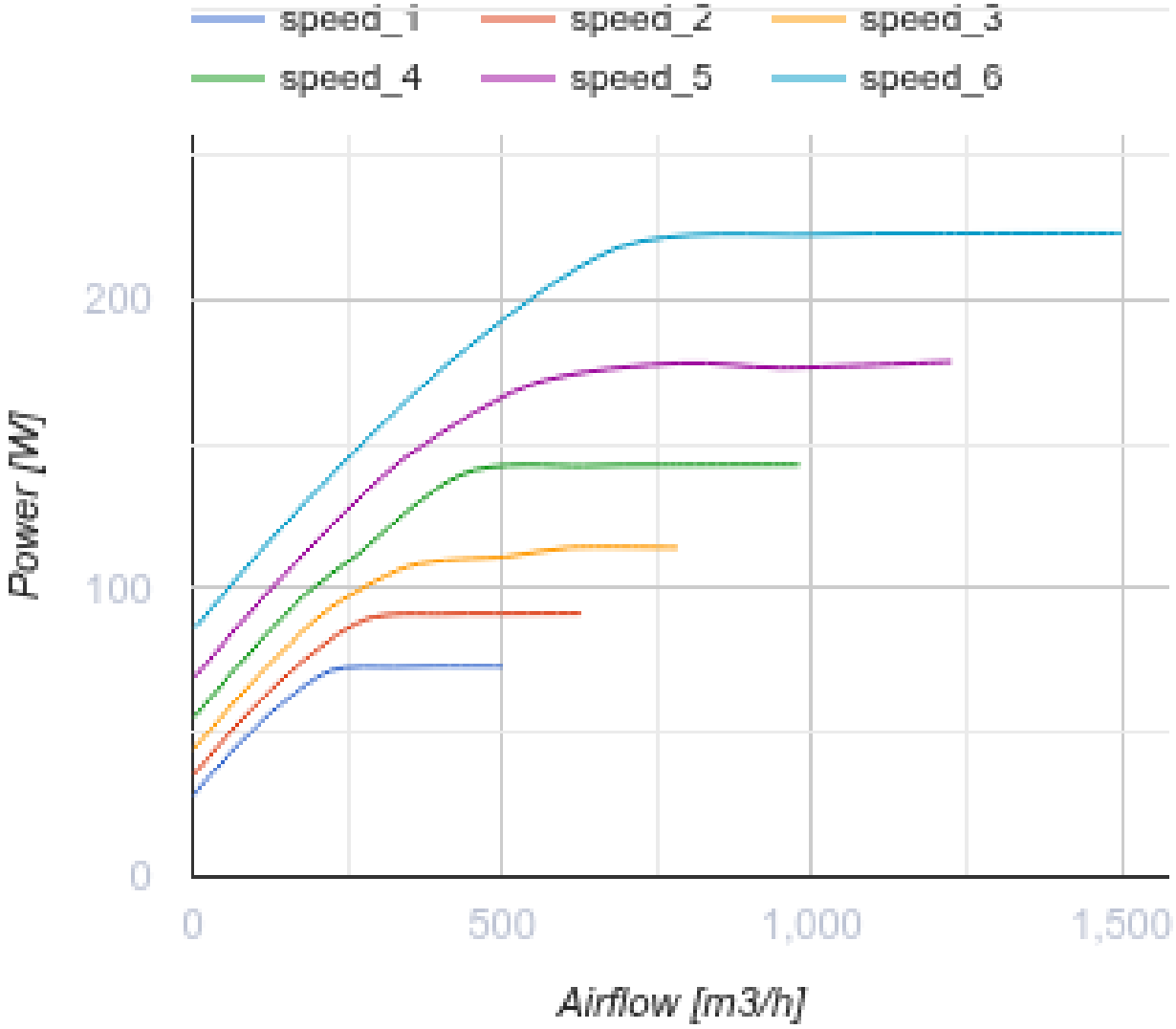
Air supply units in the sound- and heat-insulated casing

- Power of electrical reheater: 18000
- Sound pressure level LpA at 3 m: 46
- Filter: Coarse 90% / G4 (option ePM1 70% / F7)
- Sound-insulated casing
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel



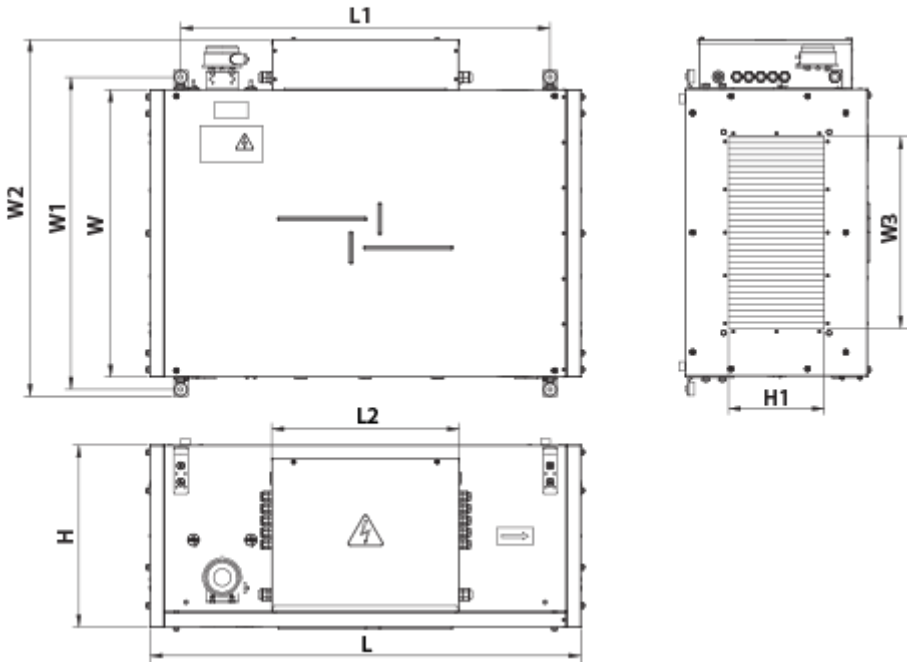
	Unit of measurement	MPA 1500 E-18.0 EC A31
Connected air duct size	mm	500x250
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Rated power	W	223
Power of electrical reheater	W	18000
Unit current	A	29.2
Maximum airflow	m^3/h	1500
Sound pressure level LpA at 3 m	dB(A)	46
Weight	kg	35
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


speed_1
speed_2
speed_3
speed_4
speed_5
speed_6
600
400
200
0
Static pressure [Pa]
0
500
1,000
1,500
Airflow [m3/h]



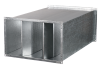
Dimensions

H	H1	L	L1	W	W1	W2	W3
440	250	900	770	700	754	847	500



Accessories

For rectangular ducts

Name	Photo	Description
SR 500x250		Plate silencer for installation in rectangular ducts

For rectangular ducts

Name	Photo	Description
VVG 500x250		Flexible anti-vibration inserts for round air ducts

Airflow regulators

Name	Photo	Description
RRV 500x250		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 536x316x48 G4		Panel filter G4
SF 536x316x48 F7		F7 panel filter

Ecodesign

Trademark	Vents
Model	MPA 1500 E-18.0 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 (%)	39.5
Declared typology	NRVU UVU
Effective electric power input (kW)	0.223
Face velocity at design flow rate (m/s)	1.275
Energy performance of filters	B
Sound power level (dB(A))	62