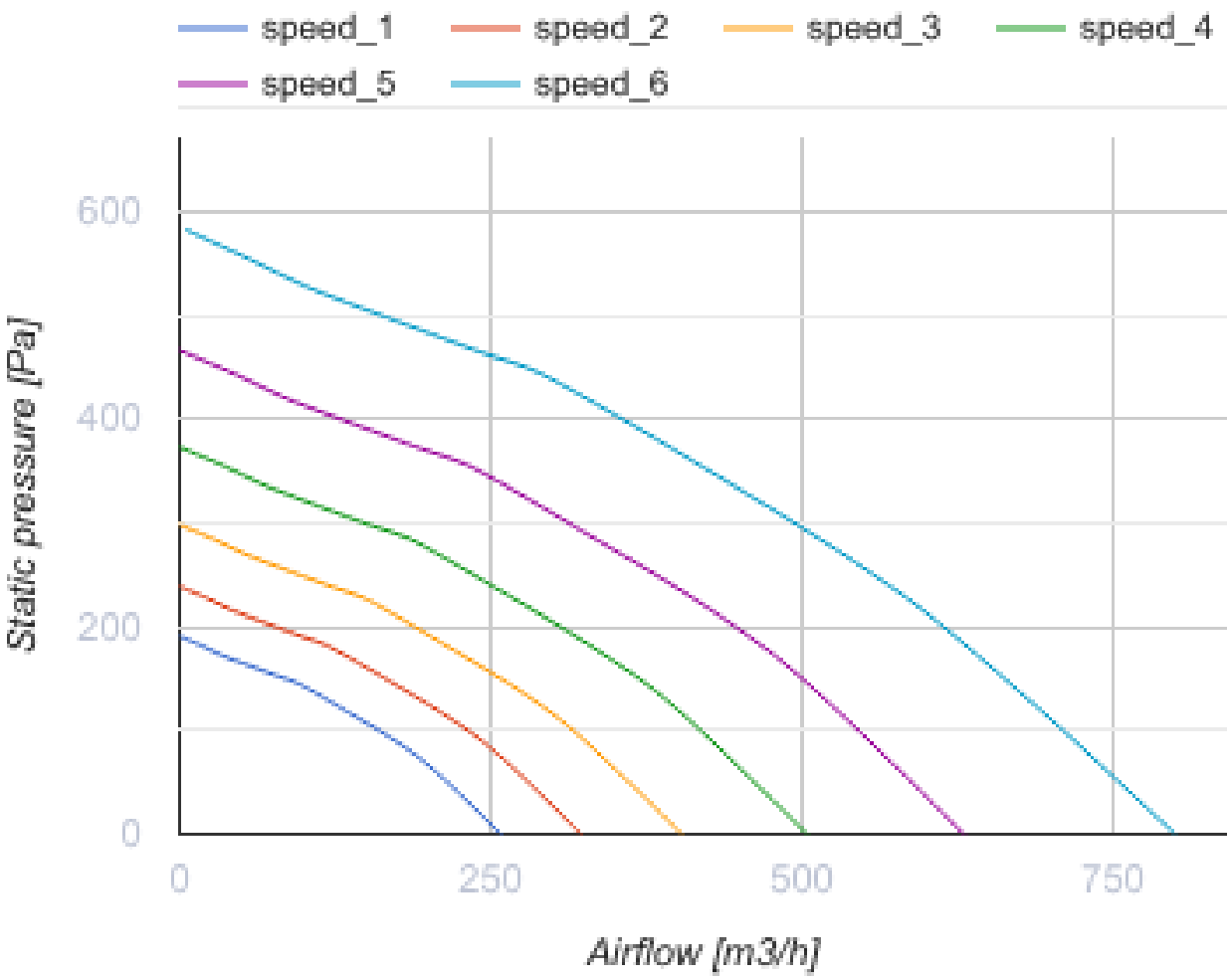
MPA 700 W EC A31

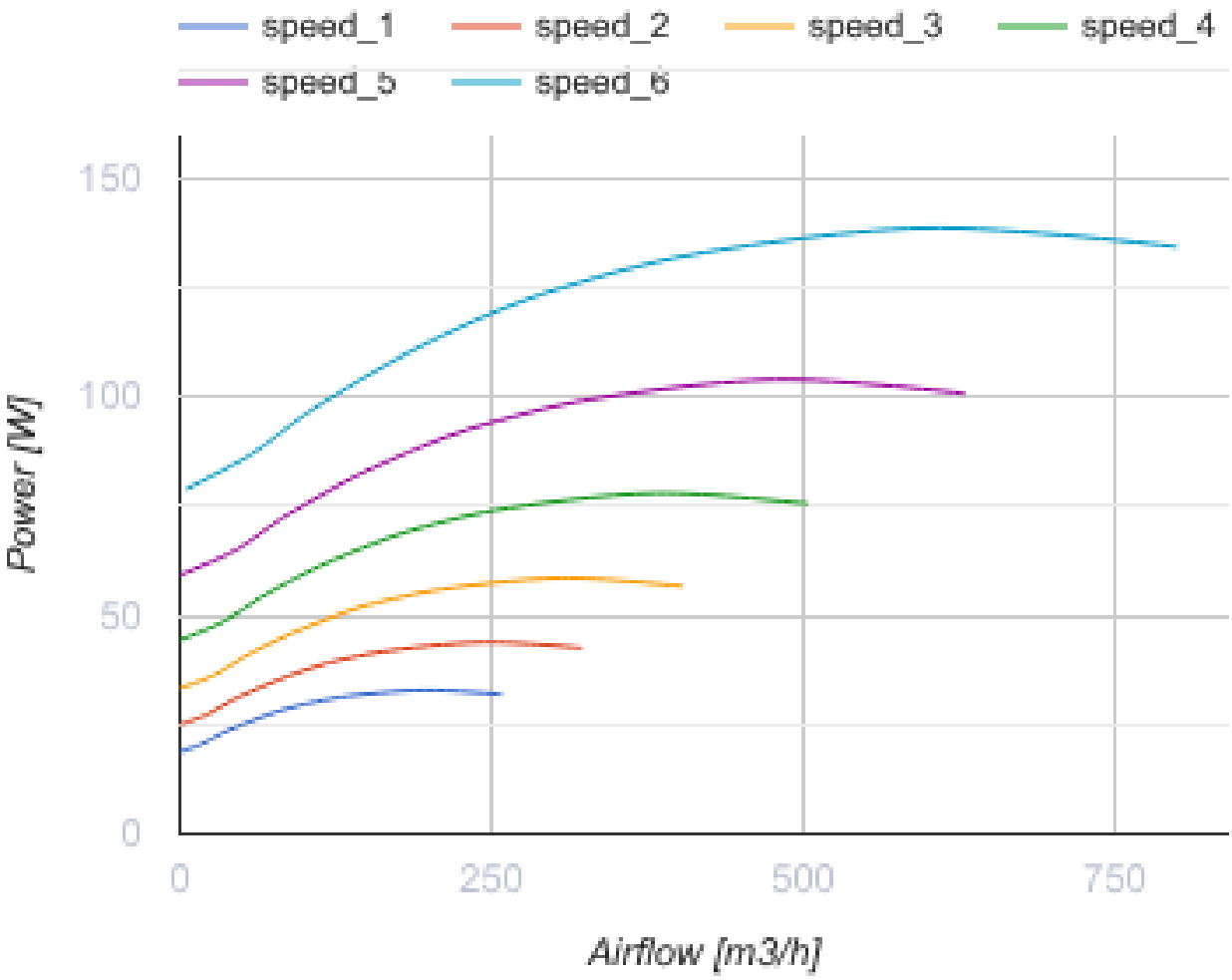


Air supply units in the sound- and heat-insulated casing

- Sound pressure level LpA at 3 m: 44
- Filter: Coarse 90% / G4 (option ePM1 70% / F7)
- Sound-insulated casing
- Reheater: Water
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

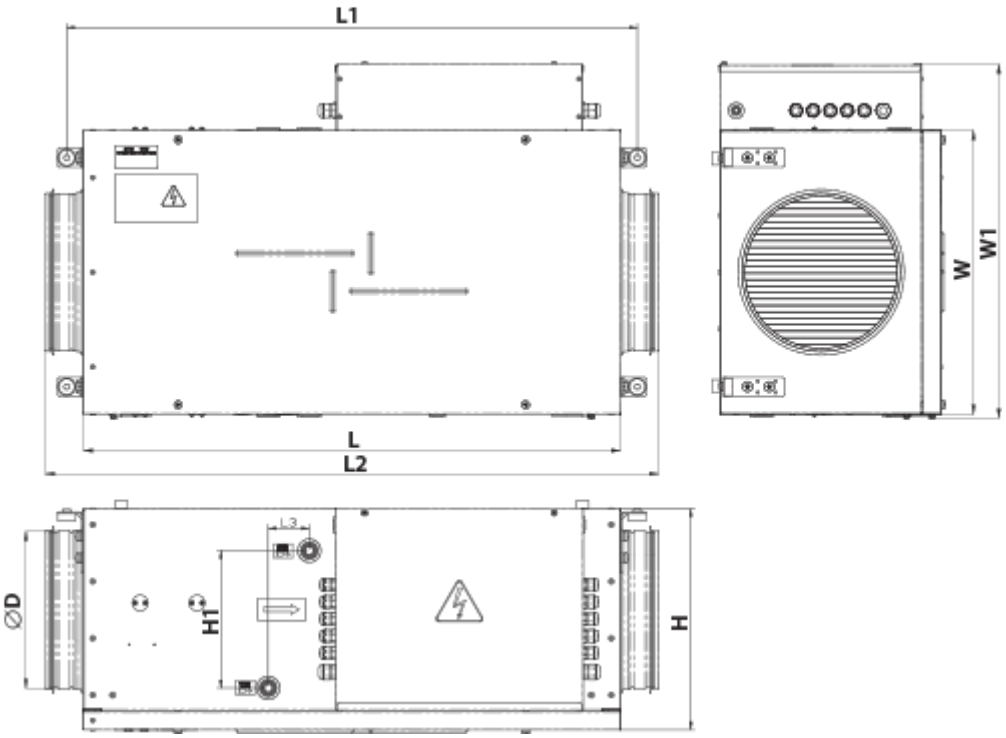
	Unit of measurement	MPA 700 W EC A31
Connected air duct size	mm	250
Phases	-	1
Minimum supply voltage	V	230
Maximum supply voltage	V	230
Power supply frequency	Hz	50
Rated power	W	139
Unit current	A	1.05
Maximum airflow	m^3/h	800
Sound pressure level LpA at 3 m	dB(A)	44
Weight	kg	27
Filter	-	Coarse 90% / 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
250
500
750
Airflow [m3/h]



Dimensions

D	H	H1	L	L1	L2	L3	W	W1
250	350	218	850	903	972	65	460	565



Accessories

For round ducts

Name	Photo	Description
SR 250/600		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 250/900		Silencers made of galvanized steel filled with non-combustible sound-absorbing material
SR 250/1200		Silencers made of galvanized steel filled with non-combustible sound-absorbing material

For round ducts

Name	Photo	Description
KRV 250		Air dampers for automatic air flow control in round ducts

For round ducts

Name	Photo	Description
VVG 250		Flexible anti-vibration inserts for round ducts

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 384x287x48 G4		Panel filter G4
SF 384x287x48 F7		F7 panel filter

Ecodesign

Trademark	Vents					
Model	MPA 700 W EC A31					
Specific energy consumption (SEC) (kWh/(m²/a))	Cold		Average		Warm	
	-52.6	A+	-25.5	C	-10	F
Type of ventilation unit	Unidirectional					
Type of drive installed	Variable speed					
Type of heat recovery system	None					
Maximum flow rate (m³/h)	700					
Electric power input (W)	136					
Reference flow rate (m³/s)	0.136					
Reference pressure difference (Pa)	50					
Specific power input (SPI) (W/(m³/h))	0.212					
Control typology	Local demand control					
Maximum internal leakage rates (%)	2.7					
Maximum external leakage rates (%)	2.7					
Sound power level (dB(A))	54					
The annual electricity consumption (AEC) (kWh/a)	Cold		Average		Warm	
	112		112		112	
The annual heating saved (AHS) (kWh/a)	Cold		Average		Warm	
	5536		2830		1280	