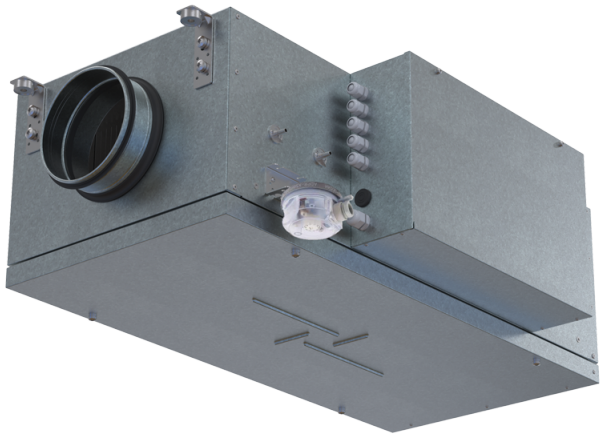
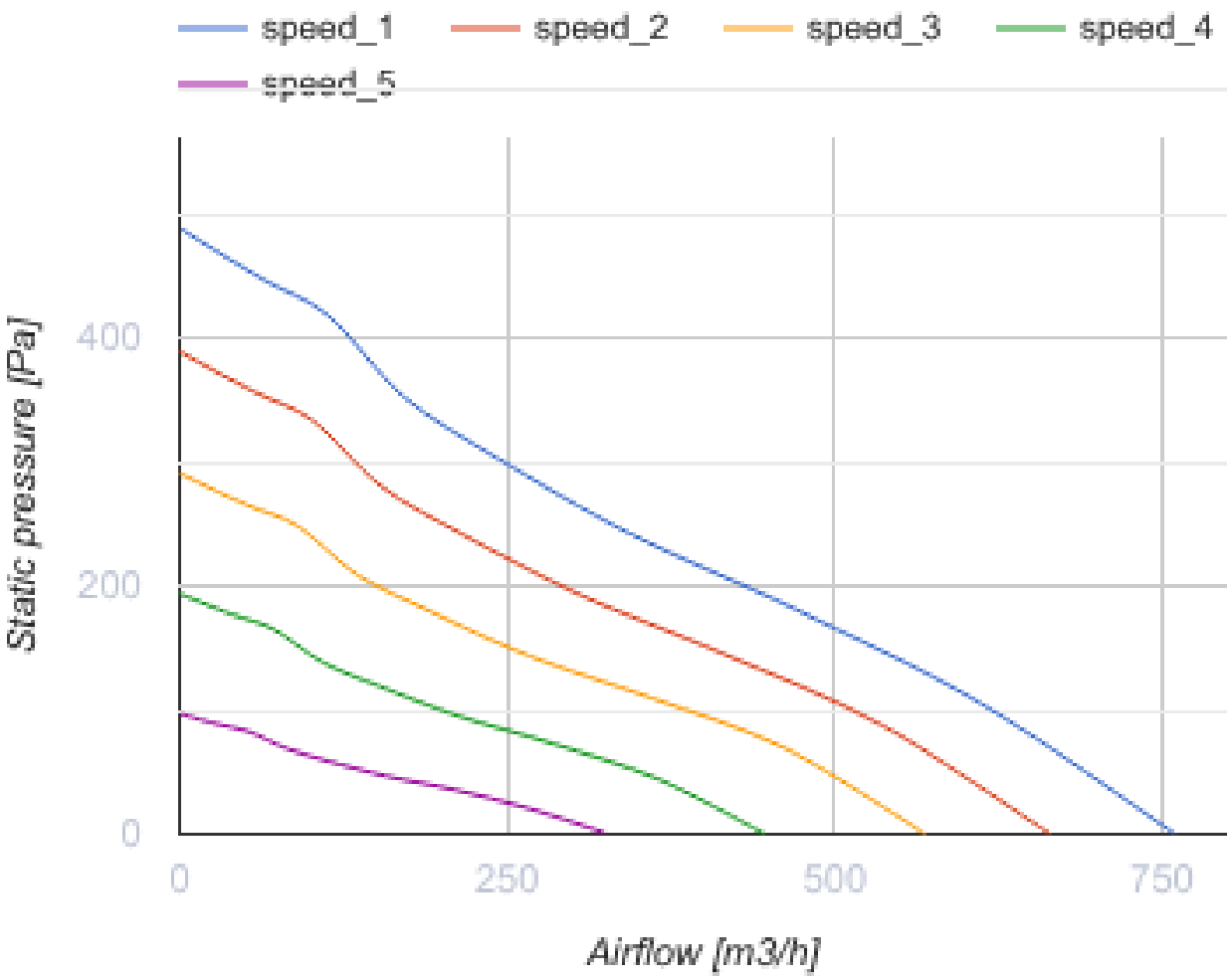
MPA 700 E-3.0 EC A31

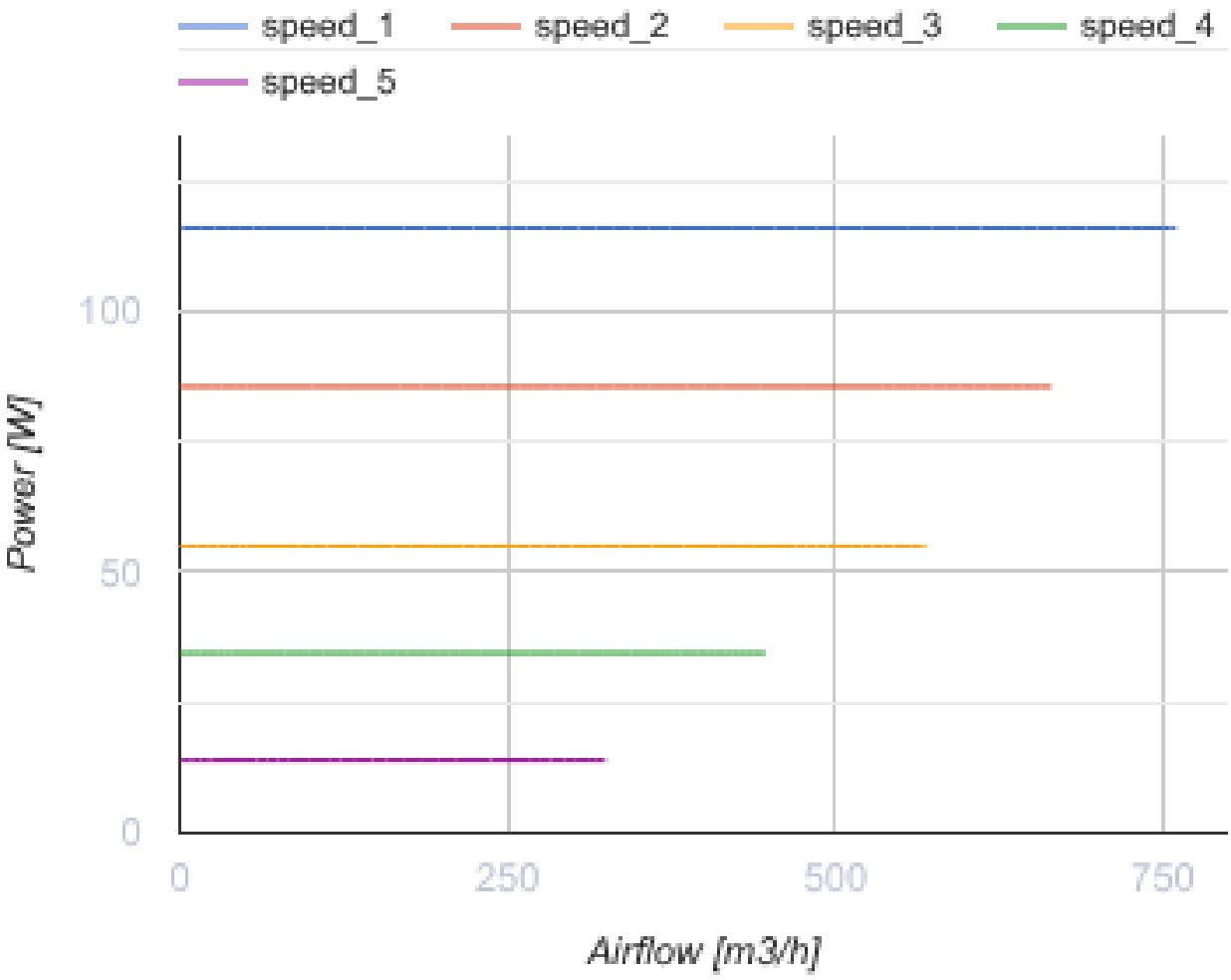


Air supply units in the sound- and heat-insulated casing

- Power of electrical reheater: 3000
- Sound pressure level LpA at 3 m: 41
- Filter: Coarse 90% / G4 (option ePM1 70% / F7)
- Sound-insulated casing
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

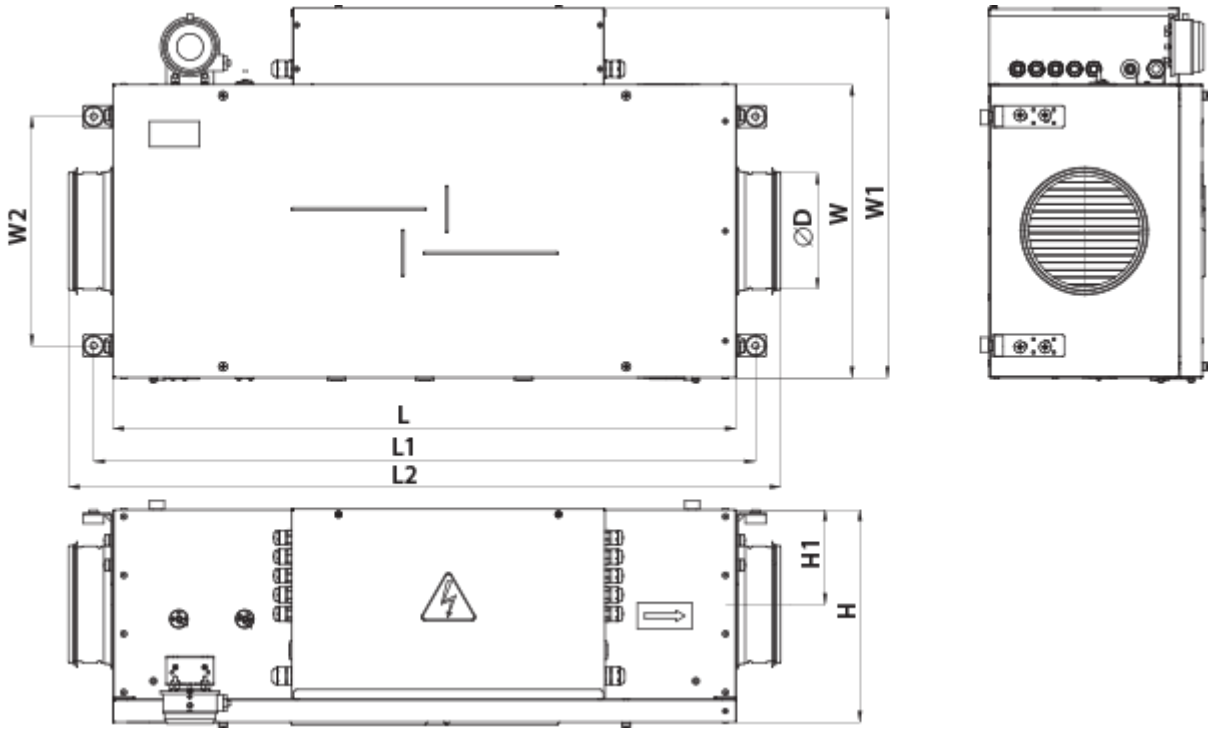
	Unit of measurement	MPA 700 E-3.0 EC A31
Connected air duct size	mm	250
Phases	-	3
Minimum supply voltage	V	400
Maximum supply voltage	V	400
Power supply frequency	Hz	50
Rated power	W	116
Power of electrical reheater	W	3000
Unit current	A	5
Maximum airflow	m³/h	760
Sound pressure level LpA at 3 m	dB(A)	41
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
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



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

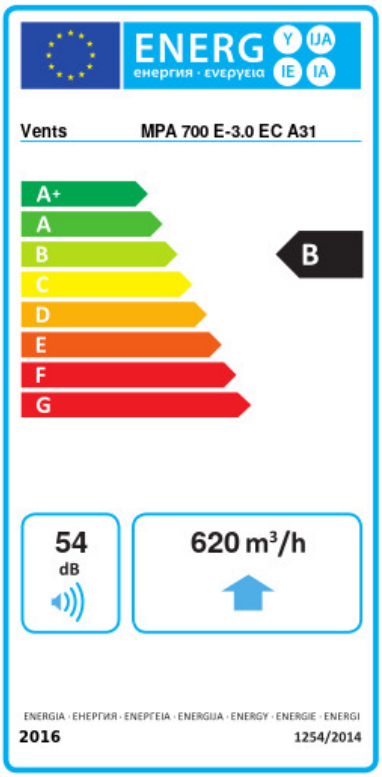
Electric actuators

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 E-3.0 EC A31					
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	