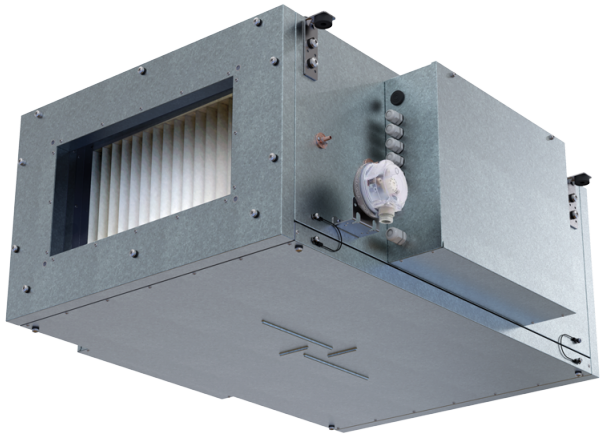
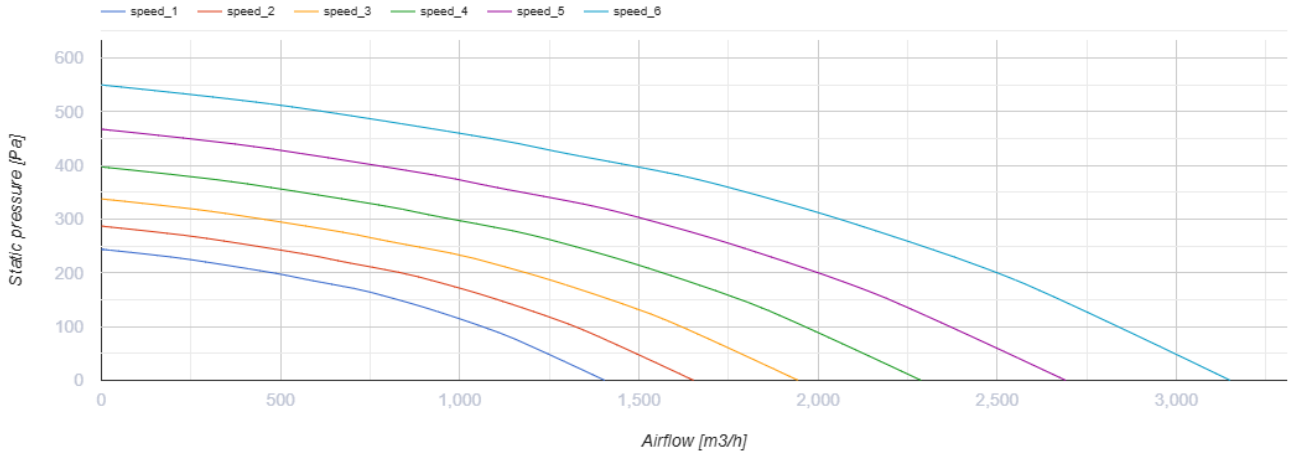
# MPA 3000 E-27.0 EC A31

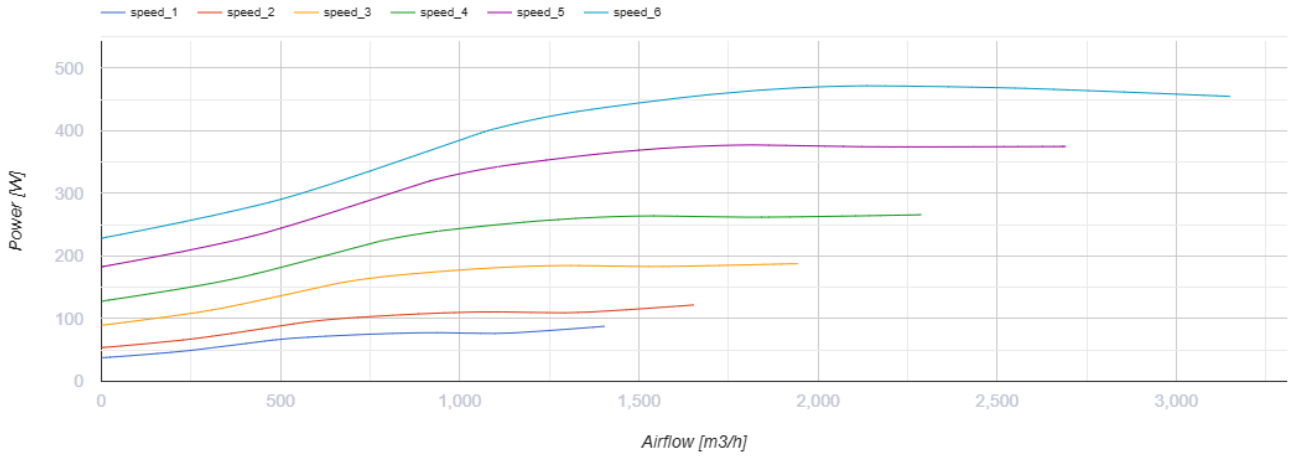


Air supply units in the sound- and heat-insulated casing

- Power of electrical reheater: 27000
- Sound pressure level LpA at 3 m: 47
- Filter: Coarse 90% / G4 (option ePM1 70% / F7)
- Sound-insulated casing
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

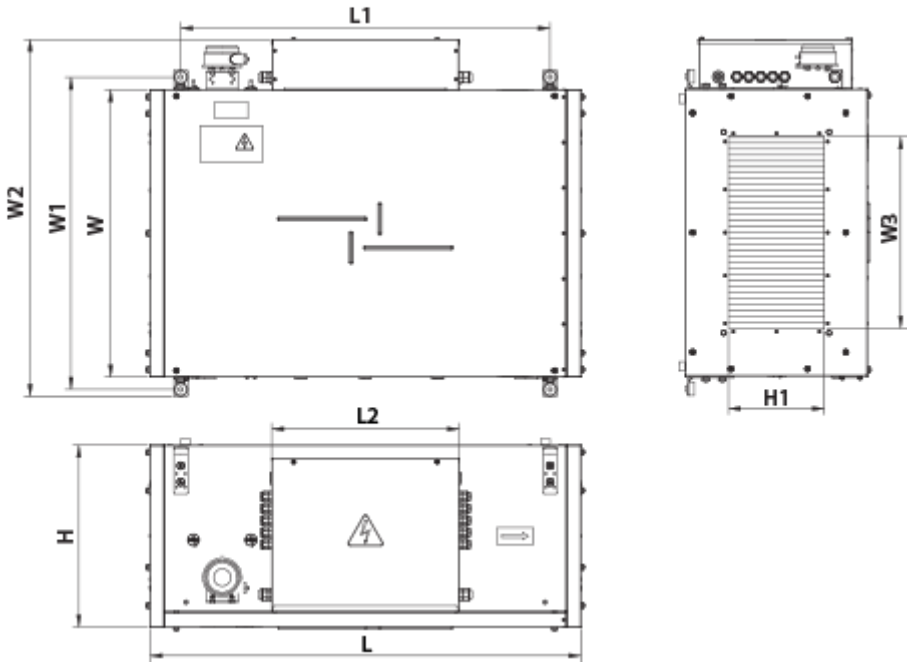
| | Unit of measurement | MPA 3000 E-27.0 EC A31 |
|---|---|---|
| Connected air duct size | mm | 600x300 |
| Phases | - | 3 |
| Minimum supply voltage | V | 400 |
| Maximum supply voltage | V | 400 |
| Power supply frequency | Hz | 50 |
| Rated power | W | 472 |
| Power of electrical reheater | W | 27000 |
| Unit current | A | 44 |
| Maximum airflow | m³/h | 3150 |
| Sound pressure level LpA at 3 m | dB(A) | 47 |
| Weight | kg | 50 |
| 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 |



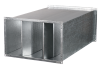

## Dimensions

| H | H1 | L | L1 | W | W1 | W2 | W3 |
|---|---|---|---|---|---|---|---|
| 500 | 300 | 1200 | 1070 | 800 | 853 | 944 | 600 |




## Accessories

### For rectangular ducts

| Name | Photo | Description |
|---|---|---|
| SR 600x300 |  | Plate silencer for installation in rectangular ducts |

### For rectangular ducts

| Name | Photo | Description |
|---|---|---|
| VVG 600x300 |  | Flexible anti-vibration inserts for round air ducts |

### Airflow regulators

| Name | Photo | Description |
|---|---|---|
| RRV 600x300 |  | 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 734x435x80 G4 |  | Panel filter G4 |
| SF 734x435x80 F7 |  | F7 panel filter |

## Ecodesign

| Trademark | Vents |
|---|---|
| Model | MPA 3000 E-27.0 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 (%) | 37.5 |
| Declared typology | NRVU UVU |
| Effective electric power input (kW) | 0.472 |
| Face velocity at design flow rate (m/s) | 1.957 |
| Energy performance of filters | B |
| Sound power level (dB(A)) | 68 |