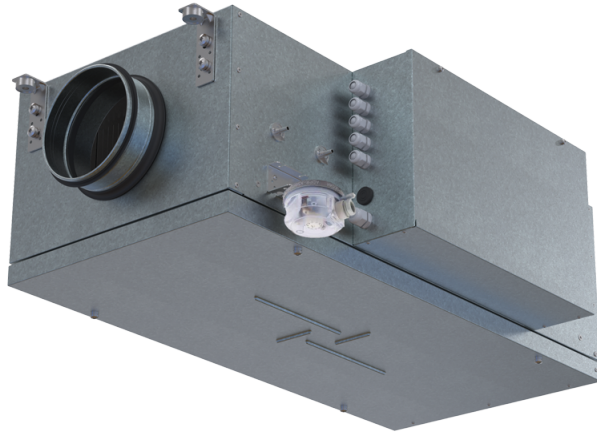


# MPA 700 E-6.0 EC A31



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

- Power of electrical reheater: 6000
- Maximum airflow: 760
- Sound pressure level LpA at 3 m: 41
- Filter: Coarse 90% / G4 (option ePM1 70% / F7)
- Sound insulation
- Motor type: EC
- Reheater: Electric
- BMS protocol: ModBus
- Control: Wired control panel
- Casing material: Aluzinc steel

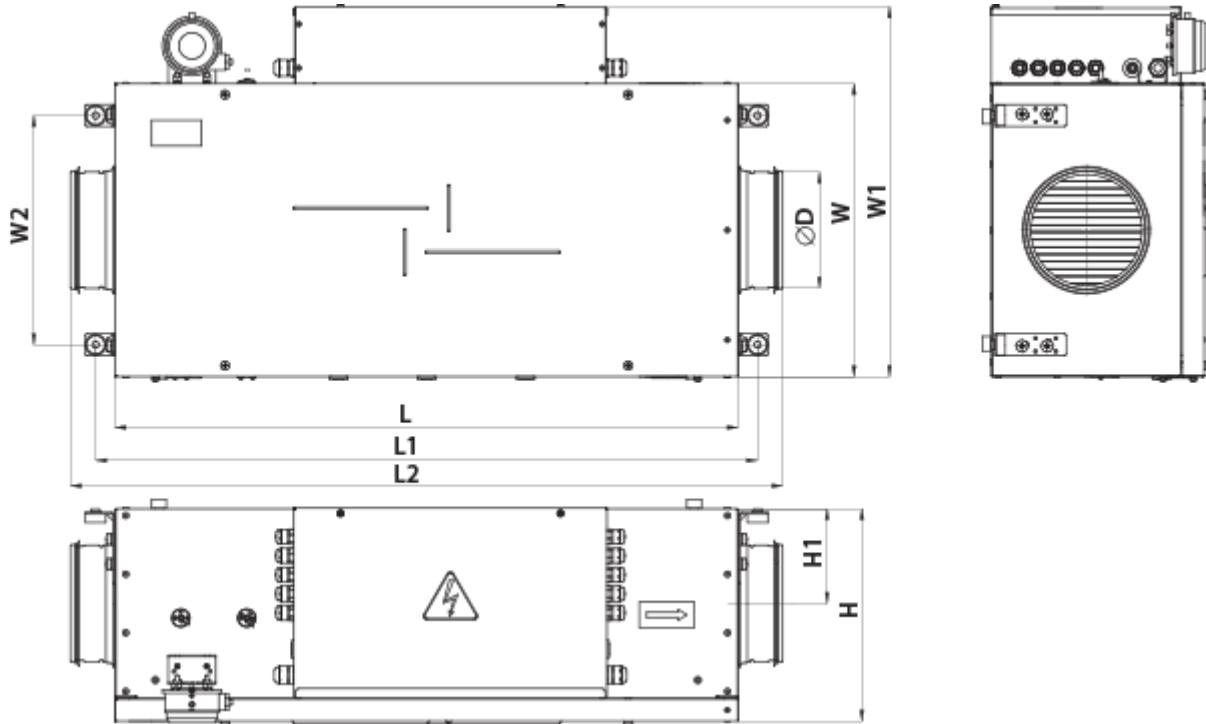
|  | Unit of measurement | MPA 700 E-6.0 EC A31                   |
|--|---------------------|--|
| Connected air duct size                | mm                  | 250                                    |
| Minimum supply voltage                 | V                   | 400                                    |
| Maximum supply voltage                 | V                   | 400                                    |
| Power supply frequency                 | Hz                  | 50                                     |
| Rated power                            | W                   | 116                                    |
| Power of electrical reheater           | W                   | 6000                                   |
| Unit current                           | A                   | 10                                     |
| Maximum airflow                        | m <sup>3</sup> /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                                   |





## Dimensions

| D   | H   | L   | L1  | L2  | W   | W1  | W2  |
|-----|-----|-----|-----|-----|-----|-----|-----|
| 250 | 350 | 850 | 903 | 972 | 460 | 565 | 353 |



## Accessories

### Other accessories




| Name             | Photo | Description     |
|------------------|-------|-----------------|
| SF 384x287x48 G4 |       | Panel filter G4 |
| SF 384x287x48 F7 |       | F7 panel filter |

### Other accessories

| Name                    | Photo | Description                                     |
|-------------------------|-------|---|
| <a href="#">VVG 250</a> |       | Flexible anti-vibration inserts for round ducts |

### For round ducts



| Name | Photo | Description |
|------|-------|-------------|
|------|-------|-------------|

|                             |   |   |
|-----------------------------|---|---|
| <a href="#">SR 250/600</a>  |  | Silencers made of galvanized steel filled with non-combustible sound-absorbing material |
| <a href="#">SR 250/900</a>  |  | Silencers made of galvanized steel filled with non-combustible sound-absorbing material |
| <a href="#">SR 250/1200</a> |  | Silencers made of galvanized steel filled with non-combustible sound-absorbing material |

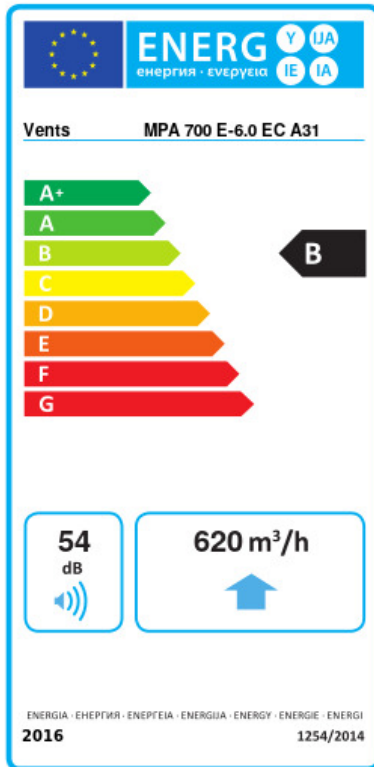
### For round ducts

| Name                    | Photo   | Description   |
|-------------------------|---|---|
| <a href="#">KRV 250</a> |  | Air dampers for automatic air flow control in round ducts |

### Electric actuators

| Name                         | Photo   | Description  |
|------------------------------|---|--|
| <a href="#">Belimo TF230</a> |   | The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> performing protection functions |
| <a href="#">Belimo TF24</a>  |  | The actuators are designed for controlling air dampers with cross section up to 0.4 m <sup>2</sup> performing protection functions |

## Ecodesign



|   |                      |    |         |   |      |   |
|---|----------------------|----|---------|---|------|---|
| Trademark   | Vents                |    |         |   |      |   |
| Model   | MPA 700 E-6.0 EC A31 |    |         |   |      |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /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 (m <sup>3</sup> /h)                       | 620                  |    |         |   |      |   |
| Electric power input (W)                                    | 116                  |    |         |   |      |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.139                |    |         |   |      |   |
| Reference pressure difference (Pa)                          | 50                   |    |         |   |      |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /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 |   |