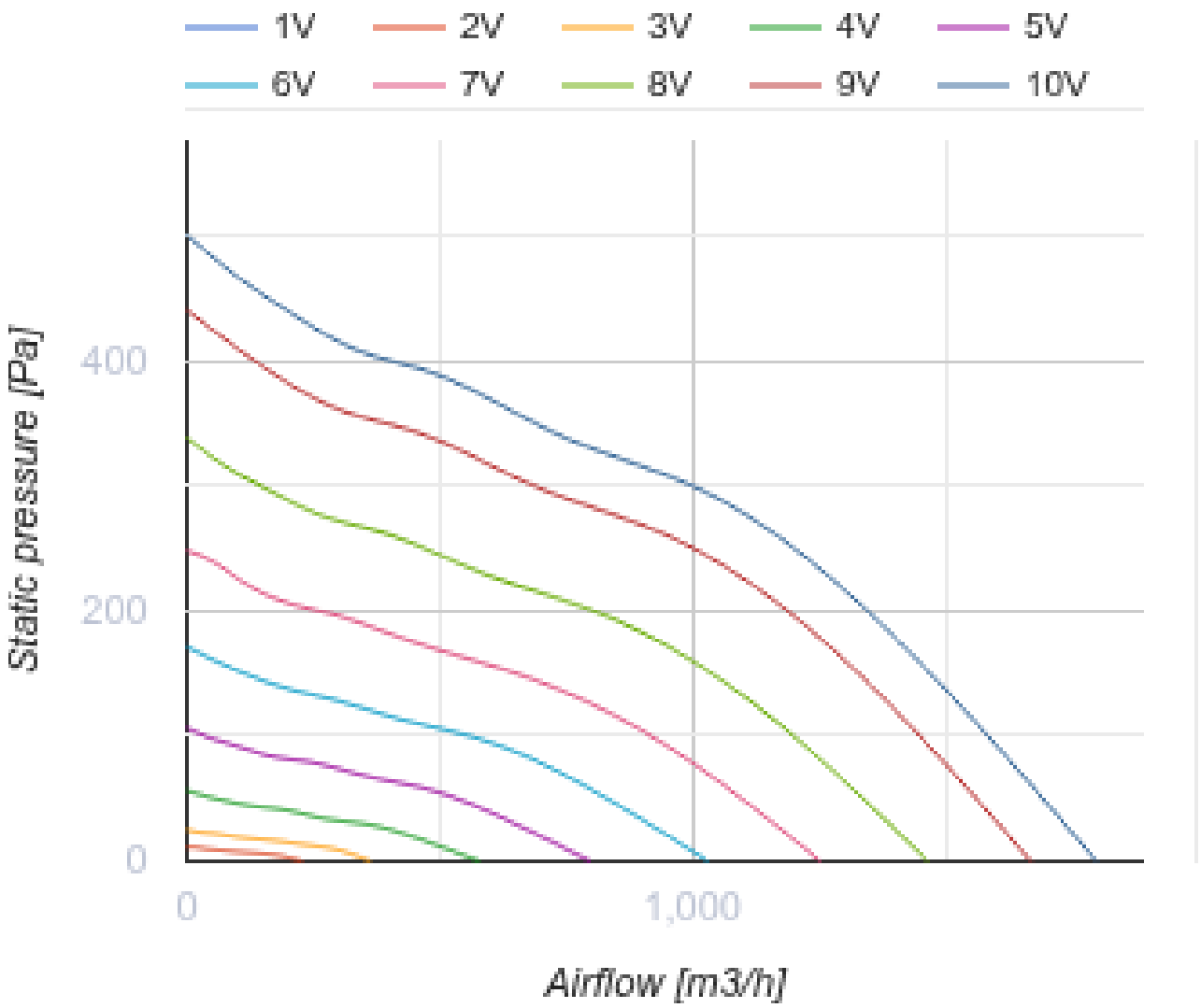


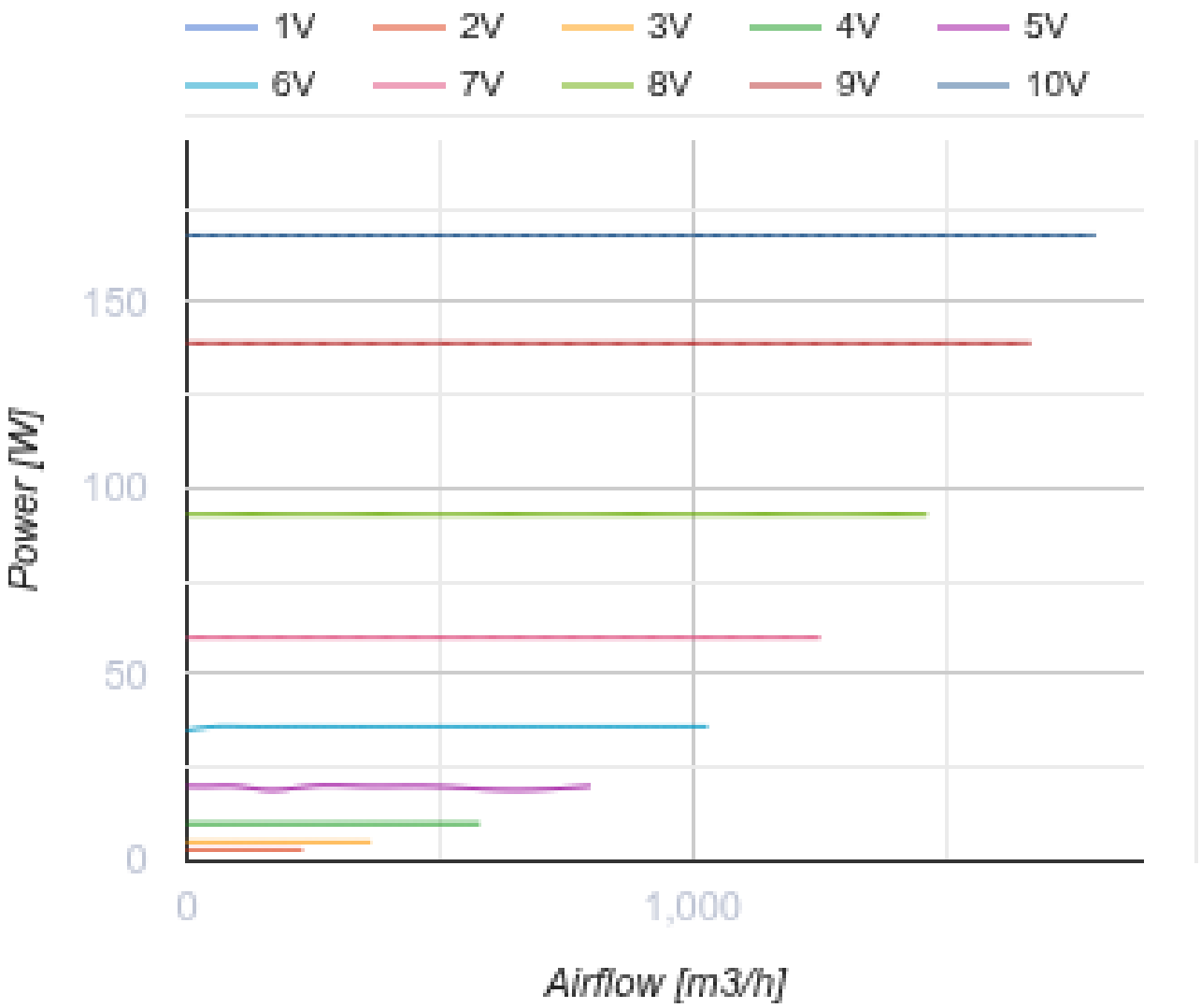
# Primo EC 250

Mixed-flow inline fans with EC-motors

- Impeller type: Mixed-flow
- Casing material: Polypropylene
- Installation in any position

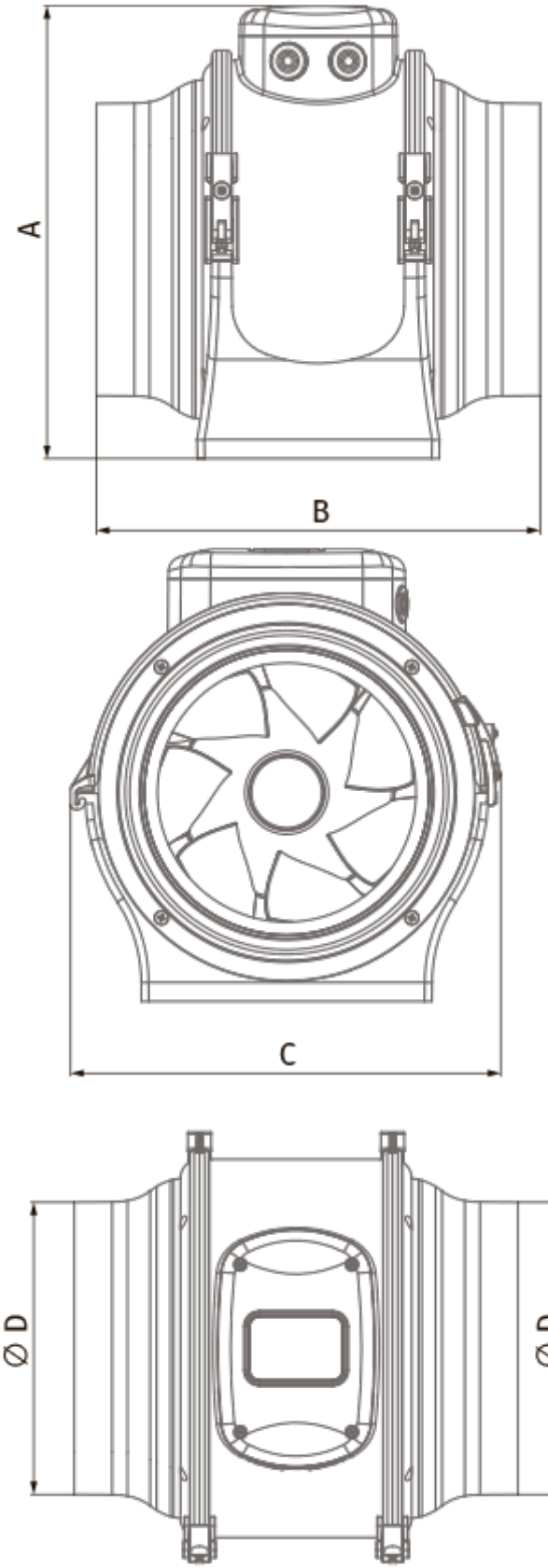
| | Unit of measurement | Primo EC 250 |
|---|---|---|
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Maximum airflow | $m^3/h$ | 1800 |
| Transported air temperature (max) | °C | 55 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP44 |
| Impeller material | - | Plastic |


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
Static pressure [Pa]
400
200
0
0
1,000
Airflow [m3/h]




## Dimensions

| A | B | C | Ø D |
|---|---|---|---|
| 342 | 293 | 326 | 250 |


A
B
C
∅ D
∅ D

## Ecodesign

| | |
|---|---|
| Trademark | Blauberg |
| Model | Primo EC 250 |
| Type of ventilation unit | Unidirectional |
| Type of drive installed | Integrated VSD |
| Type of heat recovery system | None |
| Nominal external pressure (Pa) | 260 |
| Maximum external leakage rates (%) | 2.7 |
| Static efficiency (%) | 50.4 |
| Declared typology | NRVU UVU |
| Effective electric power input (kW) | 0.139 |
| Sound power level (dB(A)) | 67 |

## Accessories

### For round ducts

| Name | Photo | Description |
|---|---|---|
| SD 250/600 |  | Silencers for round ducts |
| SD 250/900 |  | Silencers for round ducts |
| SD 250/1200 |  | Silencers for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| KFBK 250 |  | Filter boxes for round ducts |
| KFBT 250 G4 |  | Filter boxes with pocket filters for round ducts |

| | | |
|---|---|---|
| KFBT 250 F5 |  | Filter boxes with pocket filters for round ducts |
| KFBT 250 F7 |  | Filter boxes with pocket filters for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| VRV 250 |  | Backdraft dampers with spring for round ducts |
| VKA 250 |  | Air dampers for round ducts |

### Water heaters

| Name | Photo | Description |
|---|---|---|
| WKH 250-2 |  | Duct water heaters for round ducts |
| WKH 250-4 |  | Duct water heaters for round ducts |

### Electrical heaters

| Name | Photo | Description |
|---|---|---|
| EKH 250-1.2 |  | Duct electrical heaters for round ducts |
| EKH 250-2.0 |  | Duct electrical heaters for round ducts |
| EKH 250-2.4 |  | Duct electrical heaters for round ducts |
| EKH 250-3.0 |  | Duct electrical heaters for round ducts |
| EKH 250-3.6 |  | Duct electrical heaters for round ducts |

| | | |
|---|---|---|
| EKH 250-6.0 |  | Duct electrical heaters for round ducts |
| EKH 250-9.0 |  | Duct electrical heaters for round ducts |

### EC motors regulators

| Name | Photo | Description |
|---|---|---|
| CDT E/0-10 |  | Speed control for EC motors |