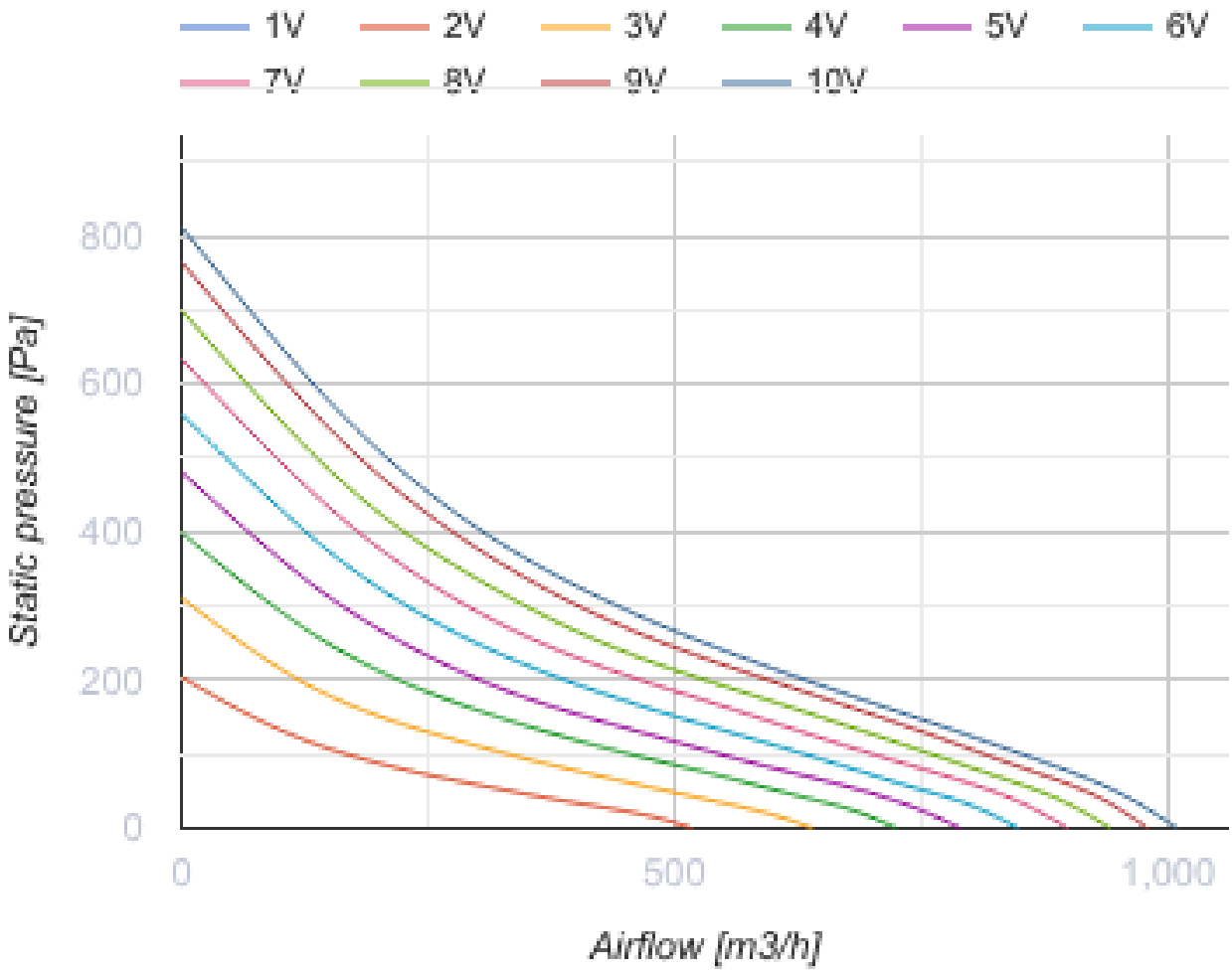


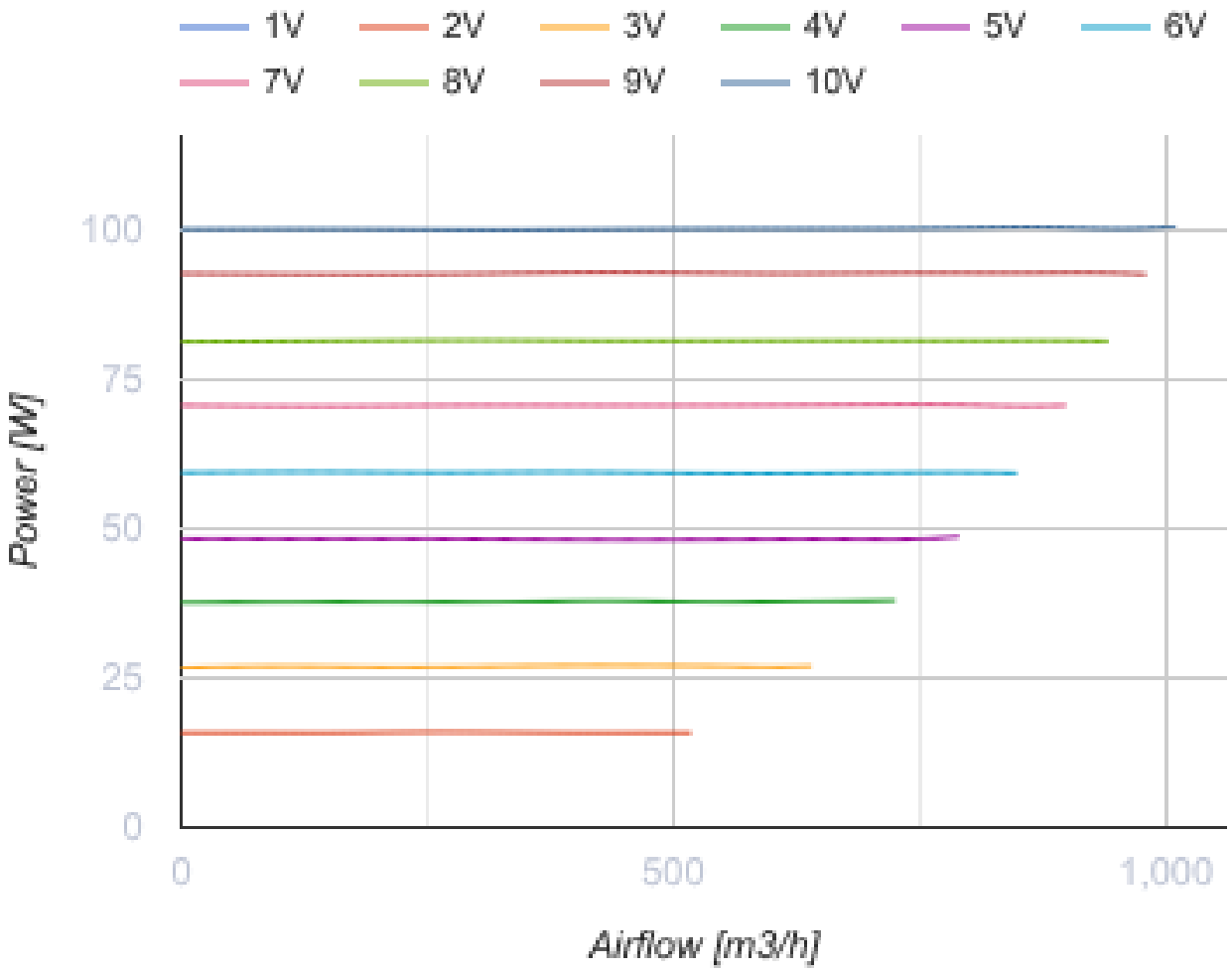
# Centro-M EC 200 max

Centrifugal inline fans with EC-motors

• Impeller type: Centrifugal impeller with backward curved blades
• Casing material: Coated steel
• Installation in any position

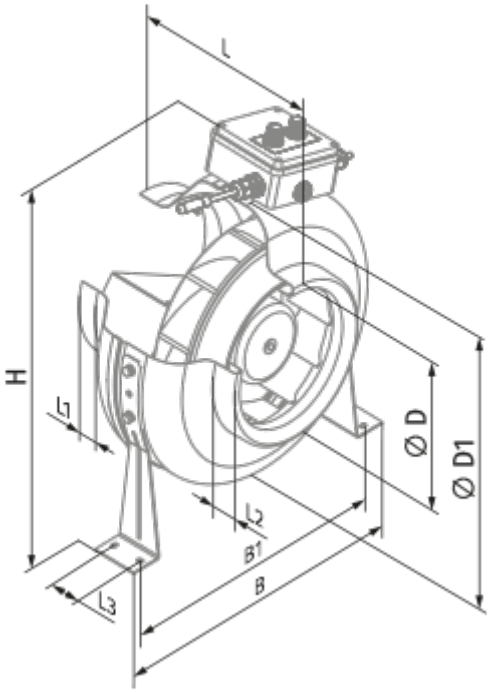
| | Unit of measurement | Centro-M EC 200 max |
|---|---|---|
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Maximum airflow | $m^3/h$ | 1010 |
| Weight | kg | 5.4 |
| Transported air temperature (max) | °C | 60 |
| 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
800
600
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]

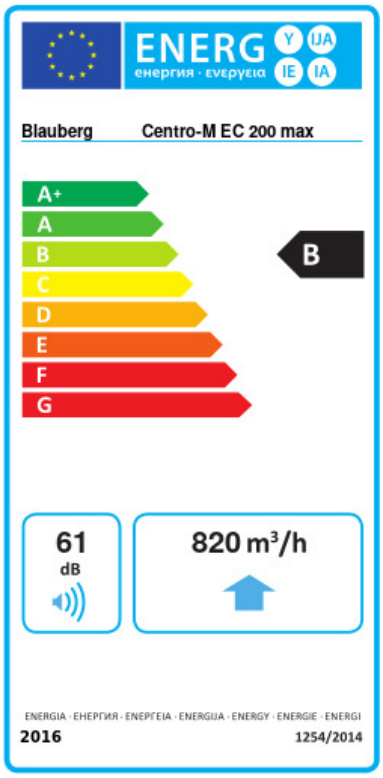



## Dimensions

| Ø D | Ø D1 | B | B1 | L | L1 | L2 | L3 | H |
|---|---|---|---|---|---|---|---|---|
| 198 | 345 | 395 | 355 | 255 | 25 | 30 | 40 | 435 |


L
H
L1
L2
L3
B1
B
Ø D
Ø D1

## Ecodesign



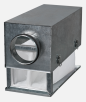

| Trademark | Blauberg | | | | | |
|---|---|---|---|---|---|---|
| Model | Centro-M EC 200 max | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -54.4 | A+ | -27.4 | B | -11.9 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 820 | | | | | |
| Electric power input (W) | 108 | | | | | |
| Reference flow rate (m³/s) | 0.159 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.071 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 61 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 38 | | 38 | | 38 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |

## Accessories

### For round ducts

| Name | Photo | Description |
|---|---|---|
| SD 200/600 |  | Silencers for round ducts |
| SD 200/900 |  | Silencers for round ducts |
| SD 200/1200 |  | Silencers for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| KFBK 200 |  | Filter boxes for round ducts |
| KFBT 200 G4 |  | Filter boxes with pocket filters for round ducts |
| KFBT 200 F5 |  | Filter boxes with pocket filters for round ducts |
| KFBT 200 F7 |  | Filter boxes with pocket filters for round ducts |

### For round ducts

| Name | Photo | Description |
|---|---|---|
| VRV 200 |  | Backdraft dampers with spring for round ducts |
| VKA 200 |  | Air dampers for round ducts |

### Water heaters

| Name | Photo | Description |
|---|---|---|
| WKH 200-2 |  | Duct water heaters for round ducts |
| WKH 200-4 |  | Duct water heaters for round ducts |

### Electrical heaters

| Name | Photo | Description |
|---|---|---|
| EKH 200-1.2 |  | Duct electrical heaters for round ducts |
| EKH 200-1.7 |  | Duct electrical heaters for round ducts |

| | | |
|---|---|---|
| EKH 200-2.0 |  | Duct electrical heaters for round ducts |
| EKH 200-2.4 |  | Duct electrical heaters for round ducts |
| EKH 200-3.4 |  | Duct electrical heaters for round ducts |

### EC motors regulators

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

### Fittings

| Name | Photo | Description |
|---|---|---|
| K 200 |  | Clamp for round flexible ducts |