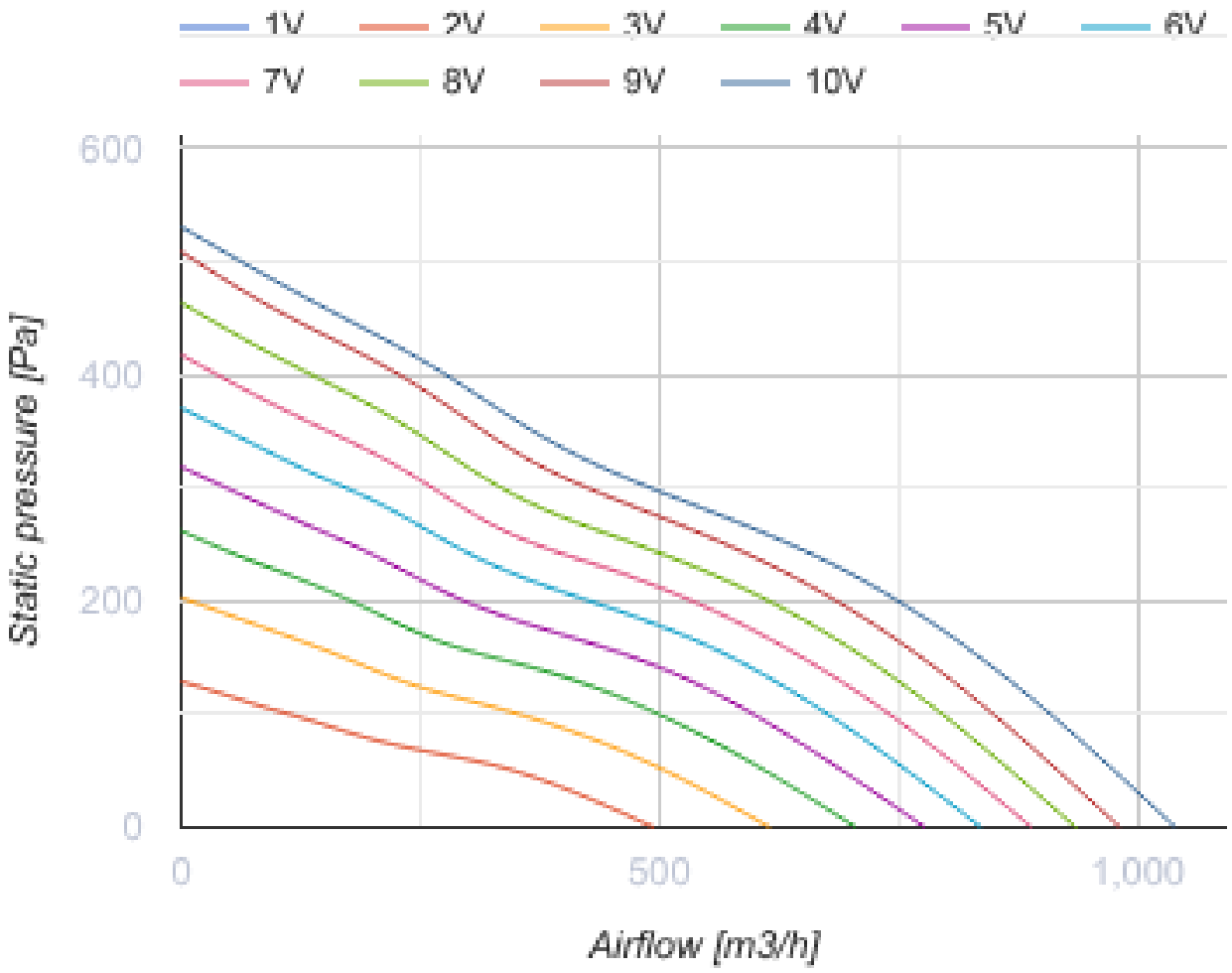


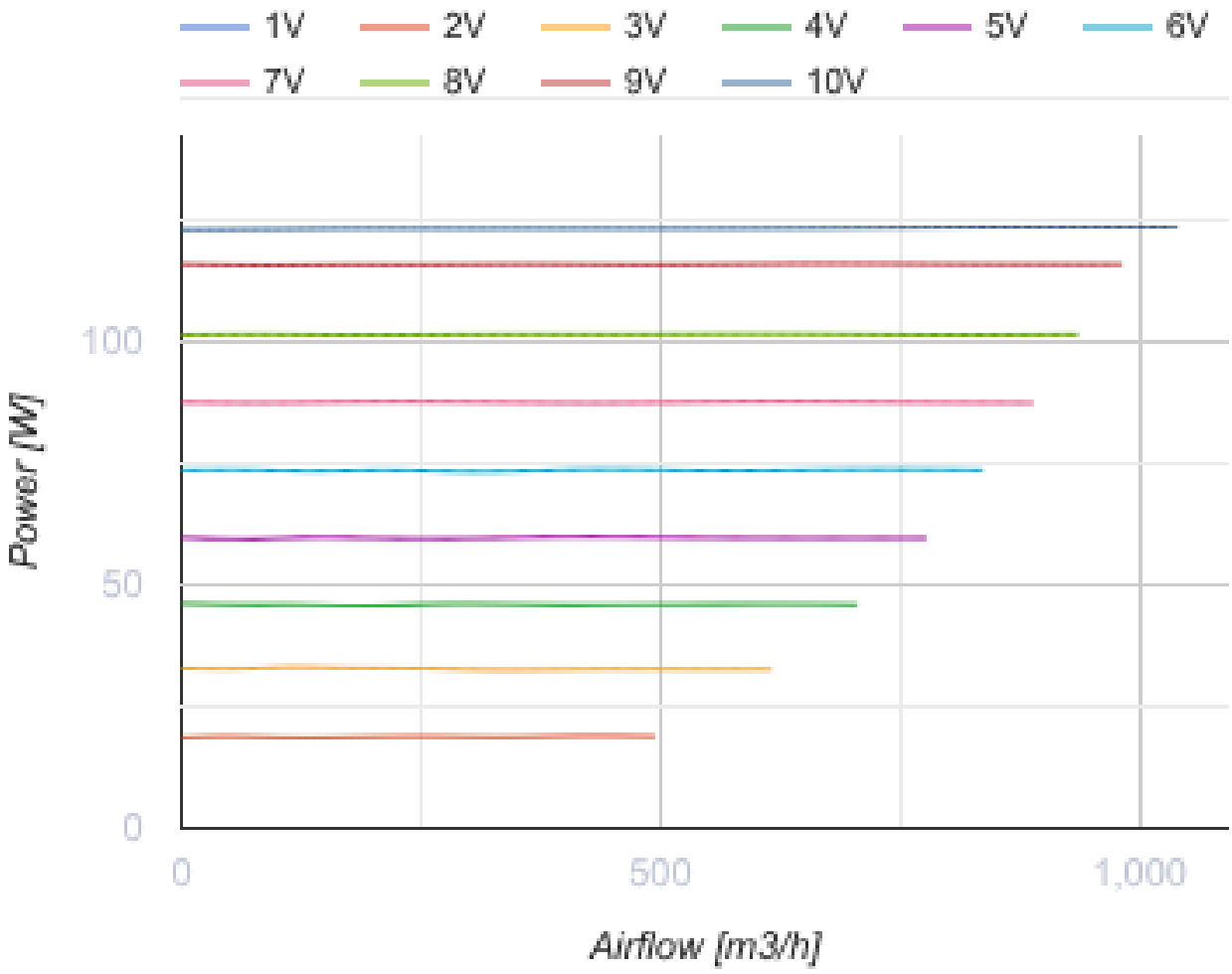
# Turbo EC 200 G1

Mixed-flow inline fans with EC-motors

- Control: Built-in speed controller
- Impeller type: Mixed-flow
- Casing material: Polypropylene
- Installation in any position
- Cable with mains plug
- Temperature sensor: Built-in

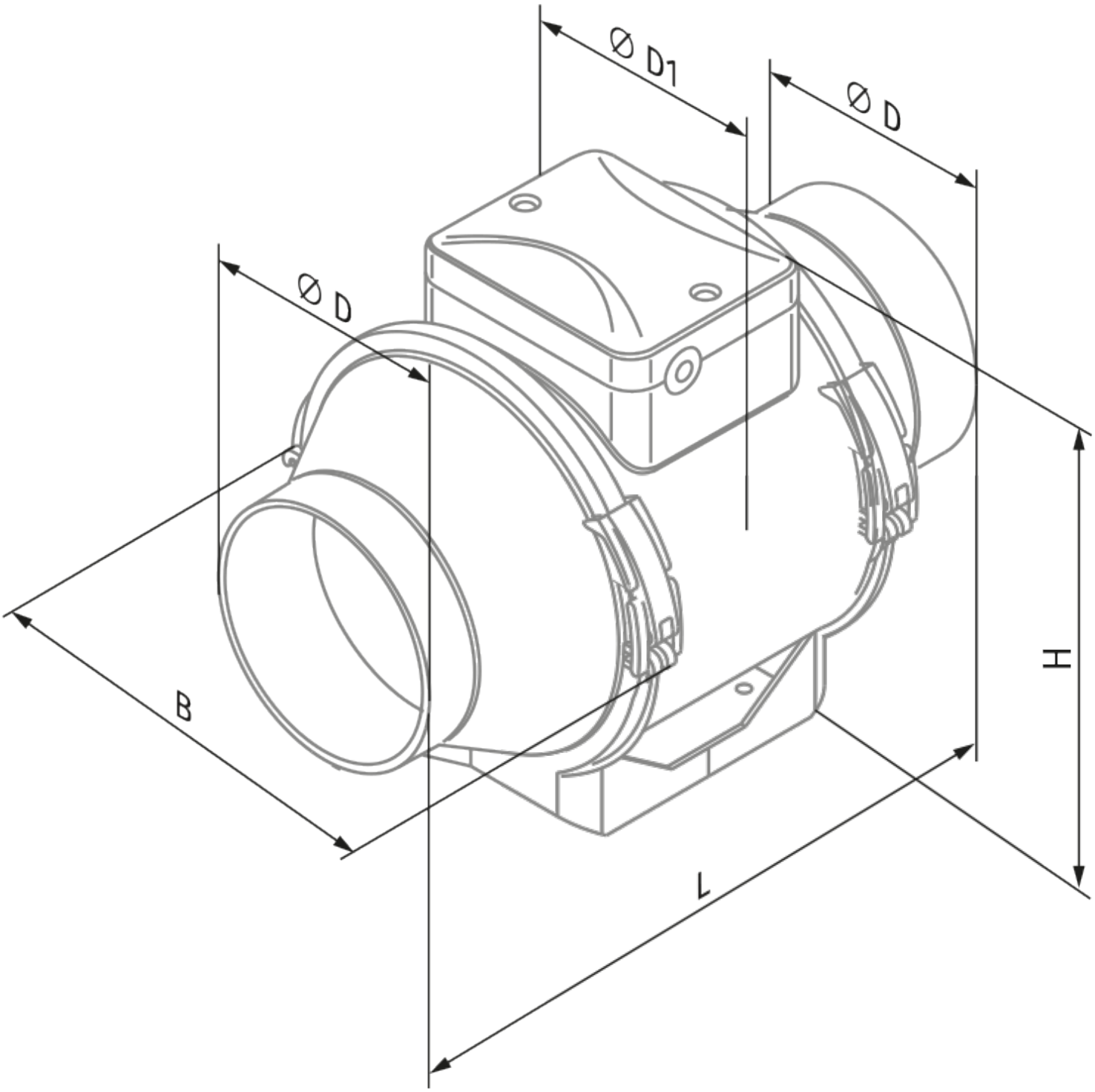
| | Unit of measurement | Turbo EC 200 G1 |
|---|---|---|
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Maximum airflow | $m^3/h$ | 1040 |
| Weight | kg | 3.95 |
| Transported air temperature (max) | °C | 55 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Impeller material | - | Plastic |


1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
600
400
200
0
Static pressure [Pa]
0
500
1,000
Airflow [m3/h]

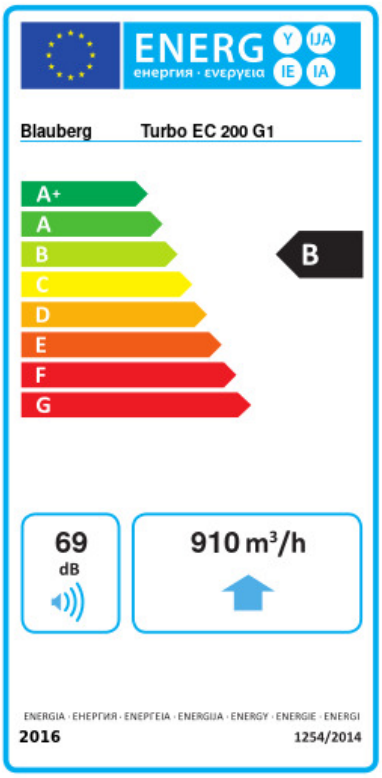



## Dimensions

| Ø D | Ø D1 | B | H | L |
|---|---|---|---|---|
| 198 | 209 | 239 | 277.5 | 295.5 |


Ø D1
Ø D
Ø D
B
H
L

## Ecodesign



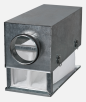

| | | | | | | |
|---|---|---|---|---|---|---|
| Trademark | Blauberg | | | | | |
| Model | Turbo EC 200 G1 | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -54.1 | A+ | -27.1 | B | -11.6 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 910 | | | | | |
| Electric power input (W) | 123 | | | | | |
| Reference flow rate (m³/s) | 0.177 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.094 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 69 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 50 | | 50 | | 50 | |
| 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 |
| EKH 200-3.6 |  | Duct electrical heaters for round ducts |
| EKH 200-5.1 |  | Duct electrical heaters for round ducts |
| EKH 200-6.0 |  | 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 |
| K 200 Zn |  | Clamp for round flexible ducts |