

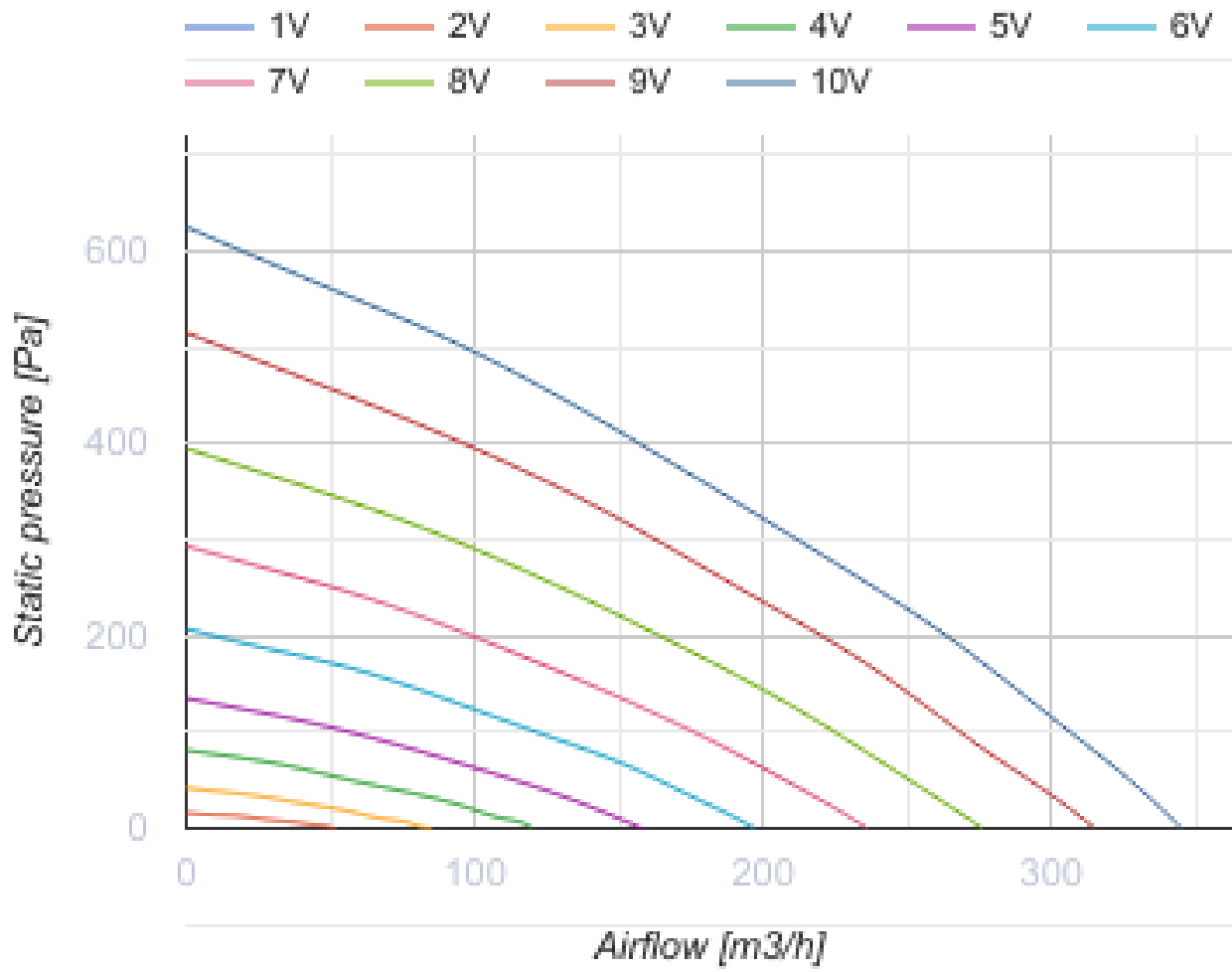


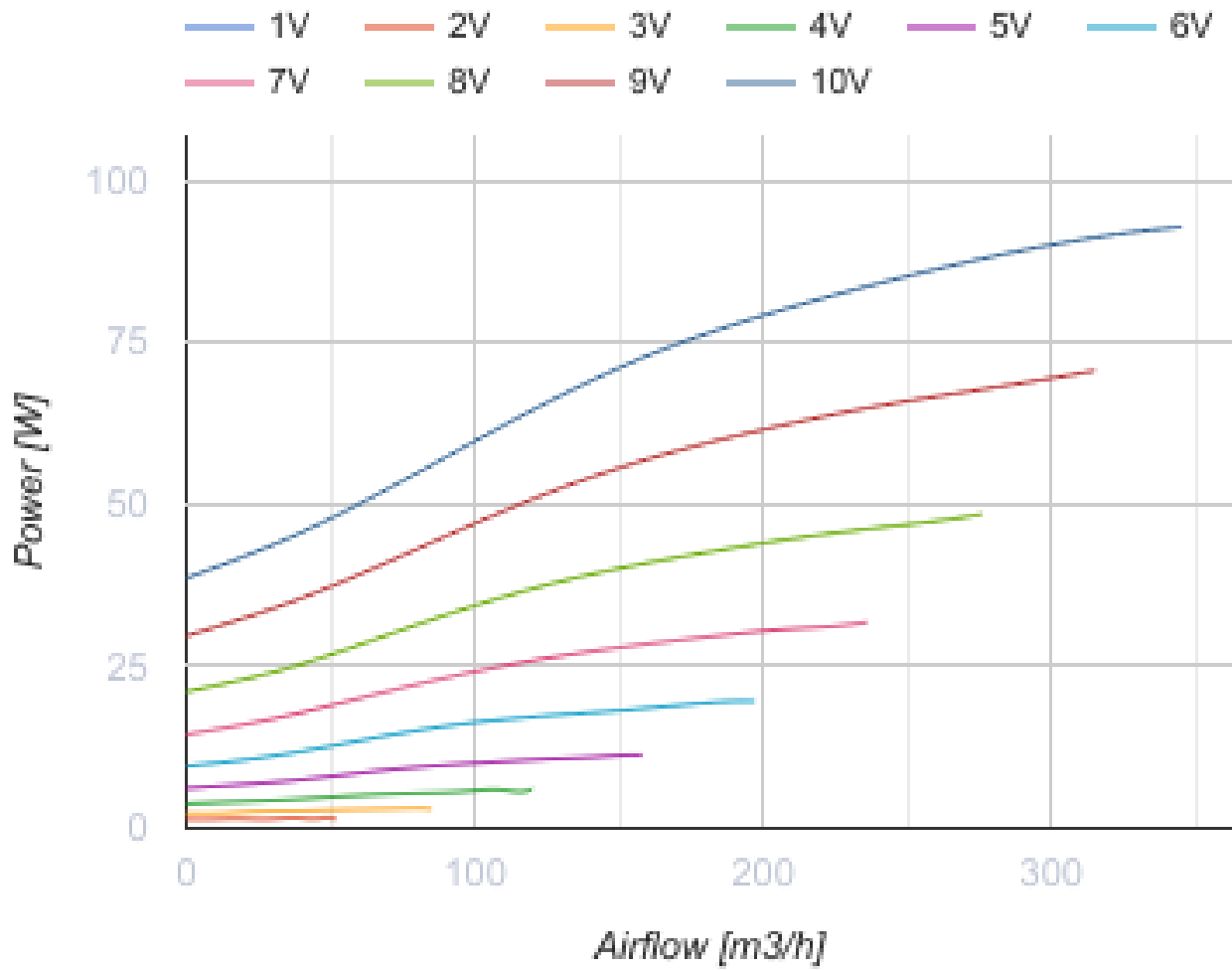
Centro-M EC 100

Centrifugal inline fans with EC-motors

- Maximum airflow: 345
- Sound pressure level LpA at 3 m: 44
- Motor type: EC
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Coated steel
- Installation in any position

| | Unit of measurement | Centro-M EC 100 |
|----------------------------------------|---------------------|-----------------|
| Connected air duct size | mm | 100 |
| Speed | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 90 |
| Unit current | A | 0.7 |
| Maximum airflow | m ³ /h | 345 |
| Sound pressure level LpA at 3 m | dB(A) | 44 |
| Weight | kg | 3.45 |
| Transported air temperature (max) | °C | 60 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP44 |



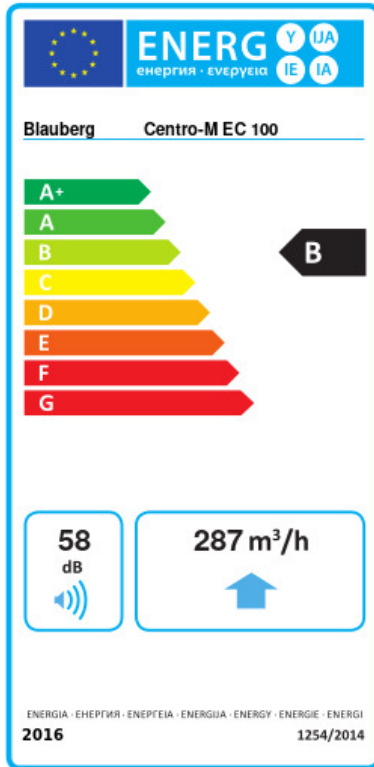


Dimensions

| ØD | ØD1 | B | B1 | L | L1 | L2 | L3 |
|----|-----|-----|-----|-----|----|----|----|
| 98 | 255 | 310 | 270 | 203 | 20 | 25 | 30 |



Ecodesign



| | | | | | | |
|-------------------------------------------------------------|----------------------|----|---------|---|-------|---|
| Trademark | Blauberg | | | | | |
| Model | Centro-M EC 100 | | | | | |
| Specific energy consumption (SEC) (kWh/(m ² /a)) | Cold | | Average | | Warm | |
| | -53.3 | A+ | -26.3 | B | -10.8 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m ³ /h) | 287 | | | | | |
| Electric power input (W) | 80.8 | | | | | |
| Reference flow rate (m ³ /s) | 0.056 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m ³ /h)) | 0.153 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 58 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 81 | | 81 | | 81 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |

Accessories

Other accessories

| Name | Photo | Description |
|--------------------------|-------|----------------------------|
| CDT E1.8 | | Thyristor speed controller |