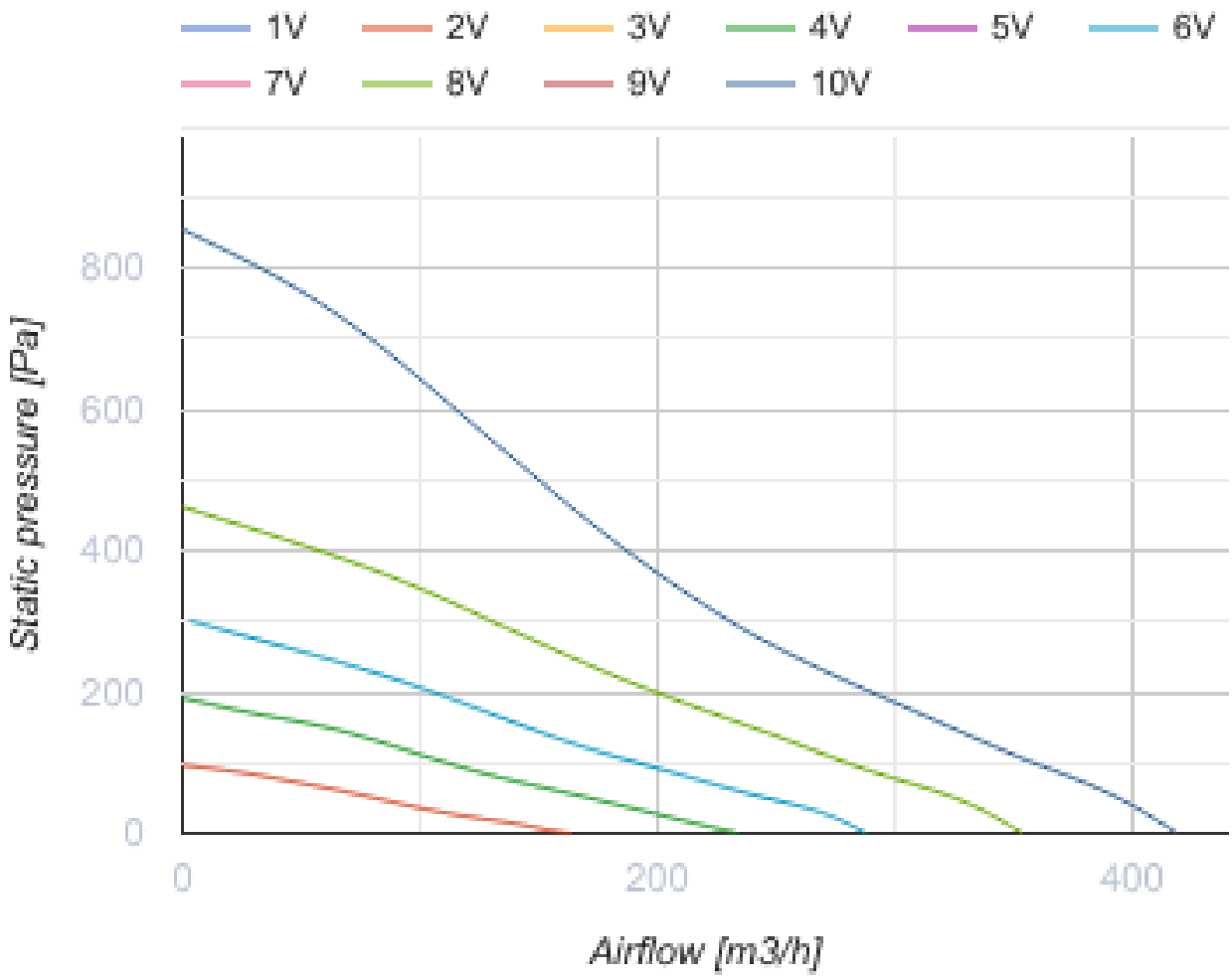
# VK 125 EC P

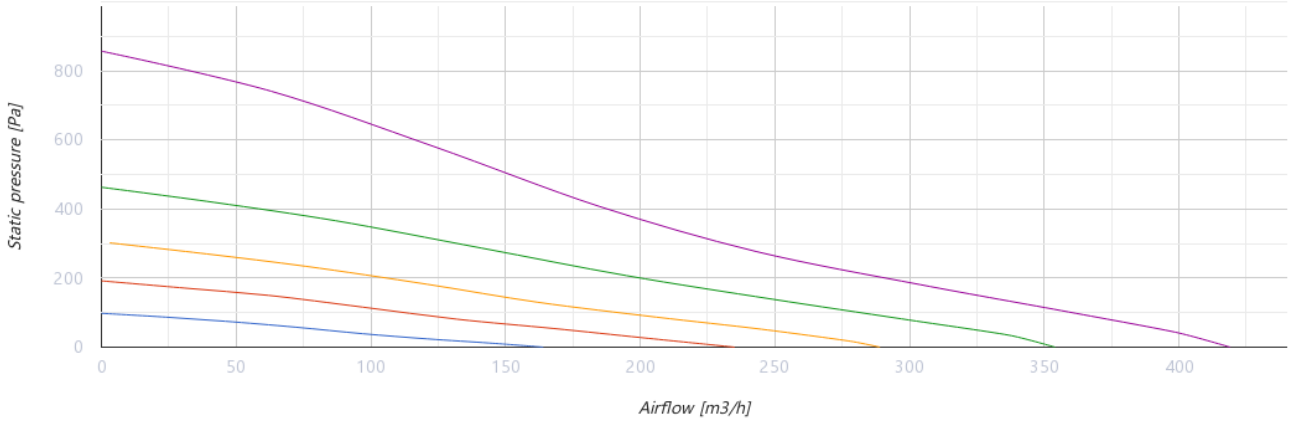


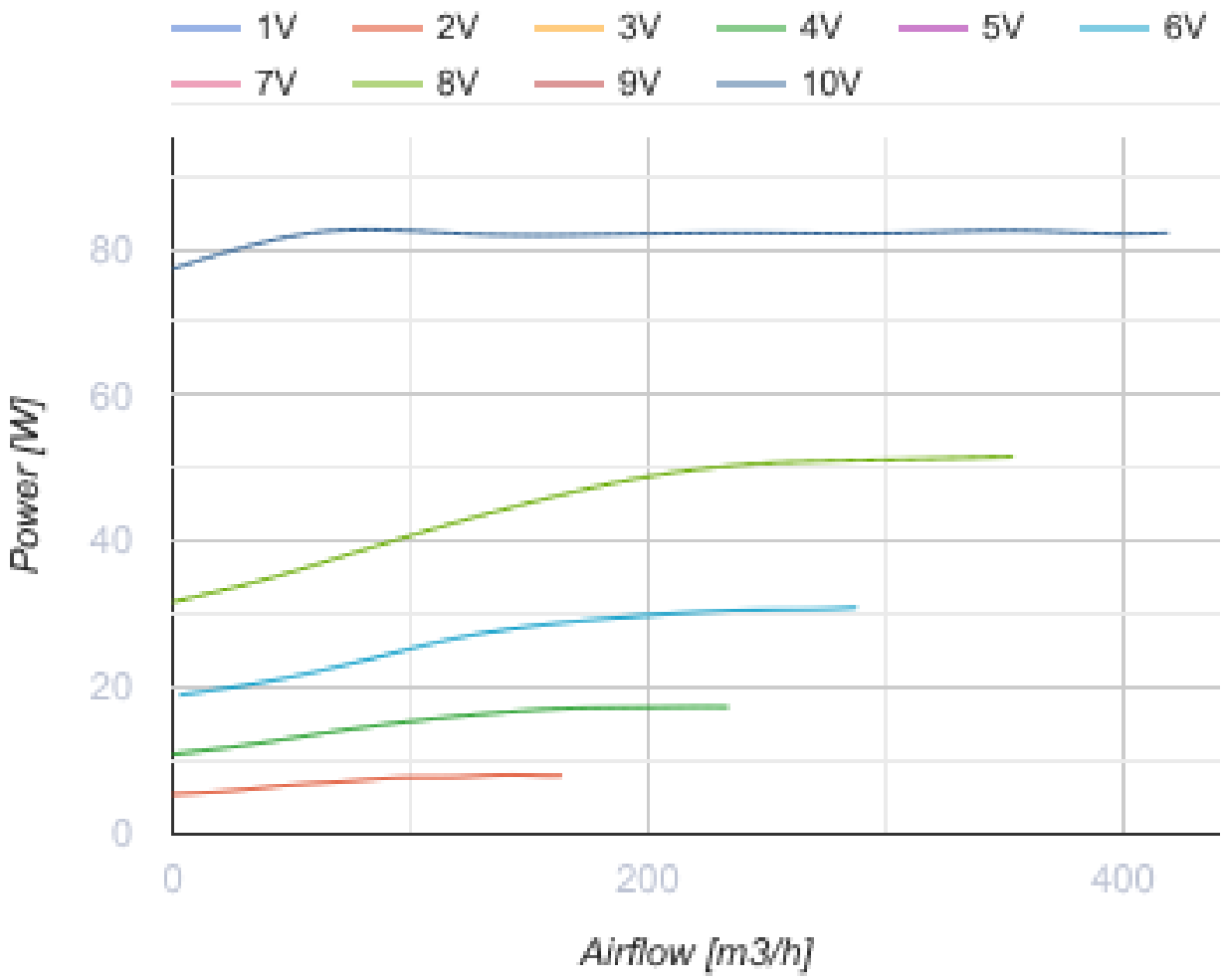
Centrifugal inline fans in plastic casing with EC-motors

- Sound pressure level LpA at 3 m: 42
- Control: Built-in speed controller
- Impeller type: Centrifugal impeller with backward curved blades
- Casing material: Plastic
- Installation in any position
- Cable with mains plug

| | Unit of measurement | VK 125 EC P |
|---|---|---|
| Connected air duct size | mm | 125 |
| Phases | - | 1 |
| Minimum supply voltage | V | 230 |
| Maximum supply voltage | V | 230 |
| Power supply frequency | Hz | 50/60 |
| Rated power | W | 84 |
| Unit current | A | 0.64 |
| Maximum airflow | $m^3/h$ | 420 |
| Rotation speed at 50hz | - | 3600 |
| Sound pressure level LpA at 3 m | dB(A) | 42 |
| Weight | kg | 2.2 |
| Transported air temperature (max) | °C | 60 |
| Transported air temperature (min) | °C | -25 |
| Ingress protection rating | - | IPX4 |
| Ingress protection rating of the drive | - | IP55 |
| Impeller material | - | Plastic |

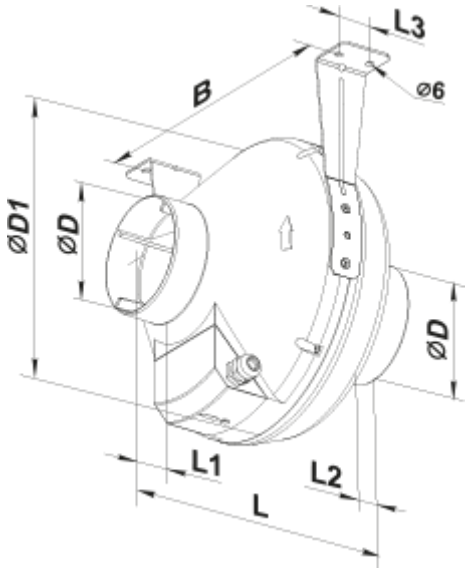

1V
2V
3V
4V
5V
6V
7V
8V
9V
10V
Static pressure [Pa]
800
600
400
200
0
0
200
400
Airflow [m3/h]


Static pressure [Pa]
800
600
400
200
0
0
50
100
150
200
250
300
350
400
Airflow [m3/h]

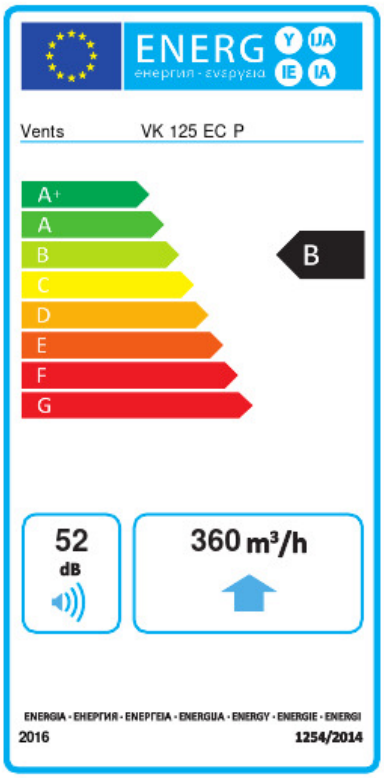



## Dimensions

| ØD | ØD1 | B | L | L1 | L2 | L3 |
|---|---|---|---|---|---|---|
| 125 | 250 | 270 | 220 | 30 | 27 | 30 |


L3
B
⌀6
⌀D1
⌀D
⌀D
L1
L2
L

## Ecodesign




| Trademark | Vents | | | | | |
|---|---|---|---|---|---|---|
| Model | VK 125 EC P | | | | | |
| Specific energy consumption (SEC) (kWh/(m²/a)) | Cold | | Average | | Warm | |
| | -53.8 | A+ | -26.7 | B | -11.2 | E |
| Type of ventilation unit | Unidirectional | | | | | |
| Type of drive installed | Variable speed | | | | | |
| Type of heat recovery system | None | | | | | |
| Maximum flow rate (m³/h) | 360 | | | | | |
| Electric power input (W) | 83 | | | | | |
| Reference flow rate (m³/s) | 0.069 | | | | | |
| Reference pressure difference (Pa) | 50 | | | | | |
| Specific power input (SPI) (W/(m³/h)) | 0.12 | | | | | |
| Control typology | Local demand control | | | | | |
| Maximum external leakage rates (%) | 2.7 | | | | | |
| Declared typology | RVU UVU | | | | | |
| Sound power level (dB(A)) | 52 | | | | | |
| The annual electricity consumption (AEC) (kWh/a) | Cold | | Average | | Warm | |
| | 64 | | 64 | | 64 | |
| The annual heating saved (AHS) (kWh/a) | Cold | | Average | | Warm | |
| | 5536 | | 2830 | | 1280 | |