

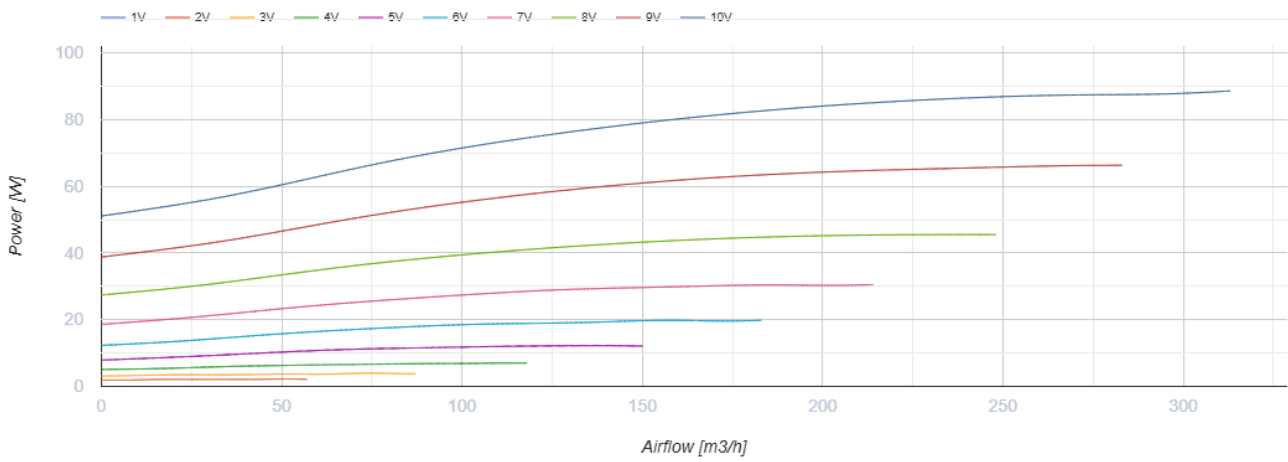
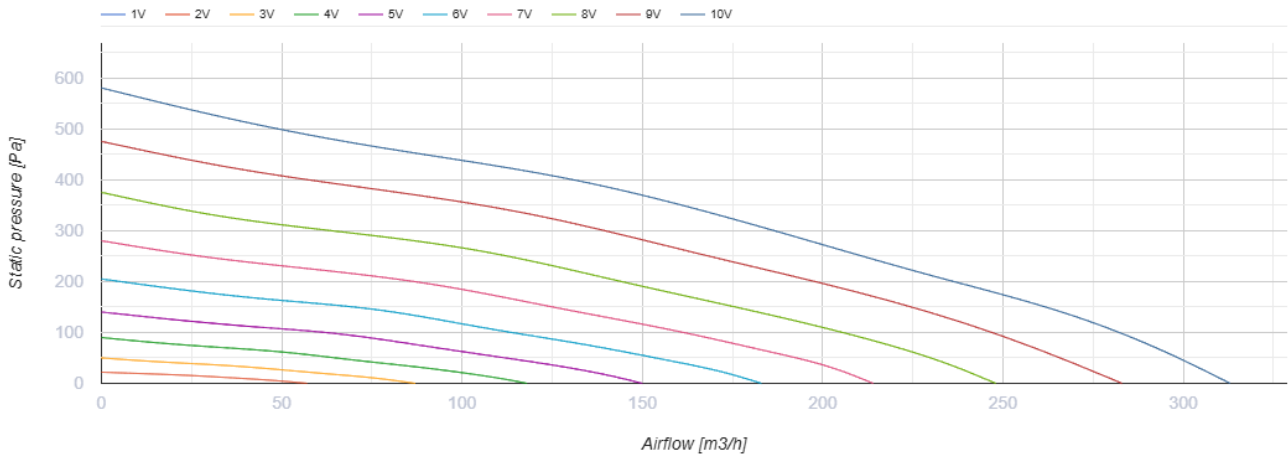
# VCN 100 EC



Exhaust centrifugal fans in steel casing for outdoor surface mounting

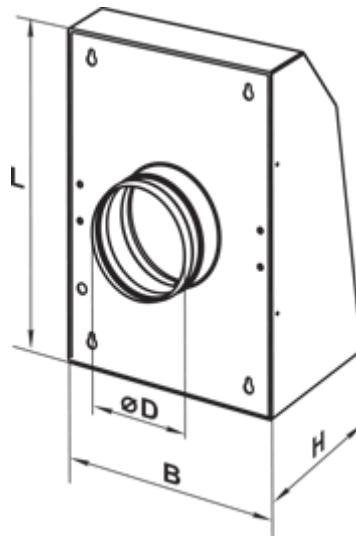
- Maximum airflow: 313
- Sound pressure level LpA at 3 m: 55
- Motor type: EC
- Impeller type: Centrifugal backward curved blades
- Casing material: Polypropylene/Thermoplastic elastomer
- Installation in any position

|  | Unit of measurement | VCN 100 EC |
|--|---------------------|------------|
| 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                   | 89         |
| Unit current                           | A                   | 0.53       |
| Maximum airflow                        | m <sup>3</sup> /h   | 313        |
| Sound pressure level LpA at 3 m        | dB(A)               | 55         |
| Weight                                 | kg                  | 3.6        |
| Transported air temperature (max)      | °C                  | 40         |
| Transported air temperature (min)      | °C                  | -25        |
| Ingress protection rating              | -                   | IPX4       |
| Ingress protection rating of the drive | -                   | IP55       |

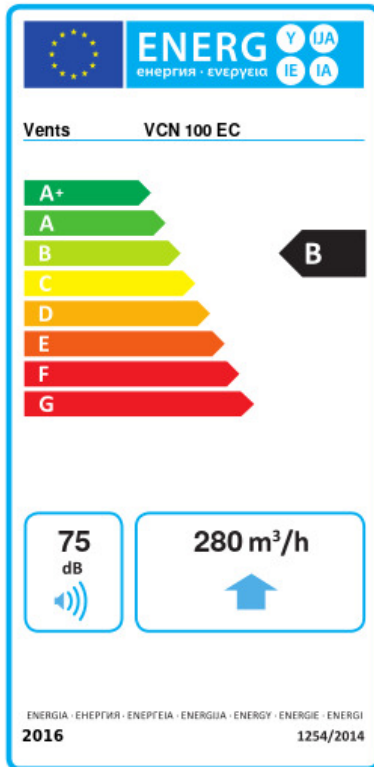


## Dimensions

| ØD  | L   | B   | H   |
|-----|-----|-----|-----|
| 100 | 355 | 260 | 140 |



## Ecodesign



|   |                      |    |         |   |       |   |
|---|----------------------|----|---------|---|-------|---|
| Trademark   | Vents                |    |         |   |       |   |
| Model   | VCN 100 EC           |    |         |   |       |   |
| Specific energy consumption (SEC) (kWh/(m <sup>2</sup> /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 <sup>3</sup> /h)                       | 280                  |    |         |   |       |   |
| Electric power input (W)                                    | 87.6                 |    |         |   |       |   |
| Reference flow rate (m <sup>3</sup> /s)                     | 0.054                |    |         |   |       |   |
| Reference pressure difference (Pa)                          | 50                   |    |         |   |       |   |
| Specific power input (SPI) (W/(m <sup>3</sup> /h))          | 0.155                |    |         |   |       |   |
| Control typology  | Local demand control |    |         |   |       |   |
| Maximum external leakage rates (%)                          | 2.7                  |    |         |   |       |   |
| Declared typology   | RVU UVU              |    |         |   |       |   |
| Sound power level (dB(A))                                   | 75                   |    |         |   |       |   |
| The annual electricity consumption (AEC) (kWh/a)            | Cold                 |    | Average |   | Warm  |   |
|   | 82                   |    | 82      |   | 82    |   |
| The annual heating saved (AHS) (kWh/a)                      | Cold                 |    | Average |   | Warm  |   |
|   | 5536                 |    | 2830    |   | 1280  |   |