

# Technical Data Sheet

CODE 11535

## QE 100/60 LL TP

Centrifugal duct fans



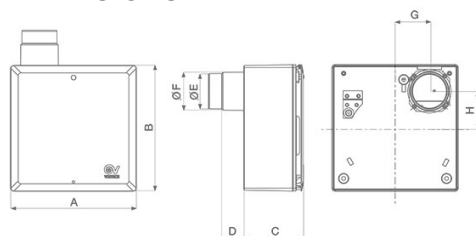
### Certifications



### TECHNICAL AND PERFORMANCE DATA

|   |         |   |      |
|---|---------|---|------|
| Absorbed power 1st speed (W)                          | 16      | Delivery 1st speed (m <sup>3</sup> /h)                      | 60   |
| Frequency (Hz)  | 50      | Max delivery at max speed (l/s)                             | 27,8 |
| Insulation Class                                      | II°     | Max delivery at max speed (m <sup>3</sup> /h)               | 100  |
| IP  | 45      | Pressure - 1st speed (mmH2O)                                | 35   |
| Max ambient temperature for continuous operation (°C) | 50      | Pressure - 1st speed (Pa)                                   | 343  |
| Max. absorbed Current at max. speed (A)               | 0,17    | Pressure max - max speed (mmH2O)                            | 36   |
| Max. absorbed Current at min. speed (A)               | 0,14    | Pressure max - max speed (Pa)                               | 353  |
| Max. absorbed power at max speed (W)                  | 26      | RPM max   | 1570 |
| Nominal Diameter (mm)                                 | 80      | RPM min   | 1170 |
| Ø Discharge Hole (mm)                                 | 70      | Sound power Lw [dB(A)] - min speed                          | 45,5 |
| Voltage (V)   | 220-240 | Sound power Lw [dB(A)] - max speed                          | 52   |
| Weight (Kg)   | 2,33    | Sound pressure level Lp in free field [dB(A)] 3 m max speed | 31,5 |
| Delivery 1st speed (l/s)                              | 16,7    | Sound pressure level Lp in free field [dB(A)] 3 m min speed | 25   |

### DIMENSIONS



|             |       |
|-------------|-------|
| Size A (mm) | 262   |
| Size B (mm) | 262   |
| Size C (mm) | 115,5 |
| Size D (mm) | 80    |
| Size E (mm) | 73    |
| Size F (mm) | 79    |
| Size G (mm) | 71,5  |
| Size H (mm) | 90    |

#### PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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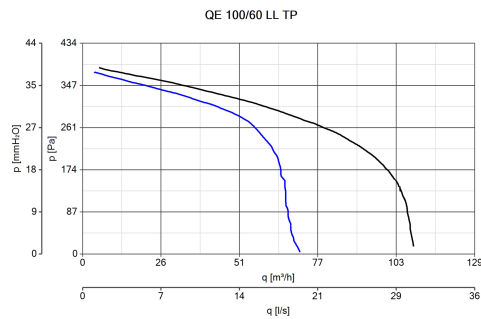


### DESCRIPTION

- Scroll and front panel made of self-extinguishing ABS, rated V0.
- Motor housing and filter frame made of ABS plastic.
- 2 speed AC motor, shaft on ball bearings, coupled to a forward curved centrifugal impeller, PBT made.
- Nominal airflows: 100 / 60 m<sup>3</sup>/h
- G2 filter, with a clogged filter mechanic alarm fully compliant with ErP reg. N° 1253/2014/UE, in force since 1st January 2018.
- The switching on/off of the extractor fan is realized through the light control; the on-board electronic allows to set, during the installation, the starting/stopping delay of the product when the light is switched on/off (the respective delays can be set at 0, 45, 90 or 120 seconds and at 6, 10, 15 or 21 minutes). During the installation, is also possible to set

the continuous running mode at minimum speed (Continuous Ventilation of the room), moving to the higher speed selection through the switching on/off of the light control (Boost mode). As alternative, is possible to set (COMFORT function), during the installation, the immediate product running when the light is switched on, the automatic switching to the maximum speed when light is switched off, and the delayed shutdown programmable at 6, 10, 15 or 21 minutes. To ensure a proper ventilation of the room, even for extended inactivity periods, is possible to set (HOLIDAY function), every 8, 12 or 24 hours, a periodic running operation cycle (time settable at 6, 10, 15 or 21 minutes).

### CURVES



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