

# Technical Data Sheet

CODE 11536

## QE 100/60/35 LL TP

Centrifugal duct fans



### Certifications

CE CE

TUV TUV

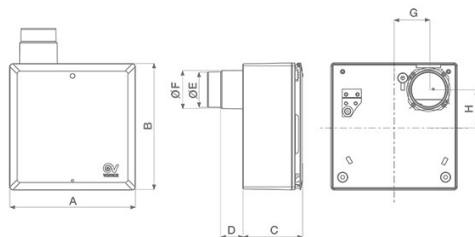
DIBt DIBt

CB TEST CERTIFICATE

### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Max airflow at Max speed (m <sup>3</sup> /h)	100
Insulation class	II°	Max airflow at Mid speed (m <sup>3</sup> /h)	60
IP	45	Max airflow at Min speed (l/s)	16,7
Max absorbed current at Max speed (A)	0,17	Max pressure at Max speed (mmH2O)	36
Max absorbed current at Mid speed (A)	0,14	Max pressure at Max speed (Pa)	353
Max absorbed current at Min speed (A)	0,11	Max pressure at Mid speed (mmH2O)	35
Max absorbed power at Max speed (W)	26	Max pressure at Mid speed (Pa)	343
Max absorbed power at Mid speed (W)	16	Max RPM	1570
Max ambient temperature for continuous operation (°C)	50	Min RPM	855
Nominal diameter (mm)	80	Pressure at 1st speed (mmH2O)	10
Ø Discharge hole (mm)	70	Pressure at 1st speed (Pa)	98
Power absorbed at 1st speed (W)	9	RPM at Mid speed	1170
Voltage (V)	220-240	Sound power LWA at Mid speed [dB (A)]	43
Weight (Kg)	2,33	Sound power at Min speed LWA [dB(A)]	38
Airflow at 1st speed (l/s)	9,7	Sound power at Min speed LWA [dB(A)]	48
Airflow at 1st speed (m <sup>3</sup> /h)	35	Sound pressure at 3 m - min speed Lp [dB (A)] 3m - min speed	20,5
Max airflow at Max speed (l/s)	27,8	Sound pressure at 3m at Max speed Lp [dB (A)]	30,5
		Sound pressure at 3m at Min speed Lp [dB (A)]	25,5

### 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 / FOR INFORMATION

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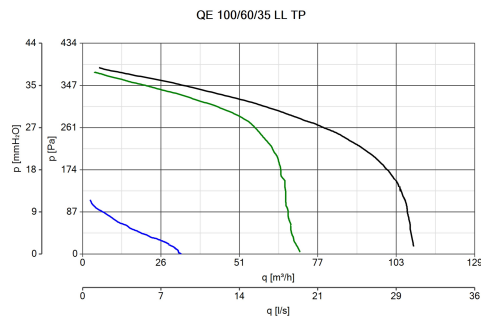


### DESCRIPTION

- Scroll and front panel made of self-extinguishing ABS, rated V0.
- Motor housing and filter frame made of ABS plastic.
- 3 speed AC motor, shaft on ball bearings, coupled to a forward curved centrifugal impeller, PBT made.
- Nominal airflows: 100 / 60 / 35 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 an 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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