

# Technical Data Sheet

CODE 11547

## QE 100/60 LL T PIR

Centrifugal duct fans



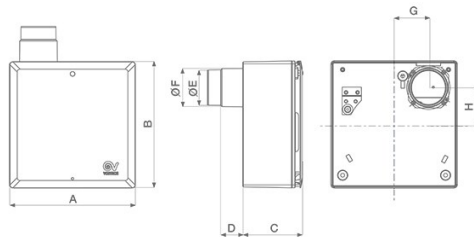
### Certifications



### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Airflow at 1st speed (m <sup>3</sup> /h)	60
Insulation class	II°	Max airflow at Max speed (l/s)	27,8
IP	45	Max airflow at Max speed (m <sup>3</sup> /h)	100
Max absorbed current at Max speed (A)	0,17	Max pressure at Max speed (mmH20)	36
Max absorbed current at Min speed (A)	0,14	Max pressure at Max speed (Pa)	353
Max absorbed power at Max speed (W)	26	Max RPM	1570
Max ambient temperature for continuous operation (°C)	50	Min RPM	1170
Nominal diameter (mm)	80	Pressure at 1st speed (mmH20)	35
∅ Discharge hole (mm)	70	Pressure at 1st speed (Pa)	343
Power absorbed at 1st speed (W)	16	Sound power at Min speed LWA [dB(A)]	43
Voltage (V)	220-240	Sound power at Min speed LWA [dB(A)]	48
Weight (Kg)	2,33	Sound pressure at 3m at Max speed calculated in free field Lp [dB(A)]	30,5
Airflow at 1st speed (l/s)	16,7	Sound pressure at 3m at Min speed calculated in free field 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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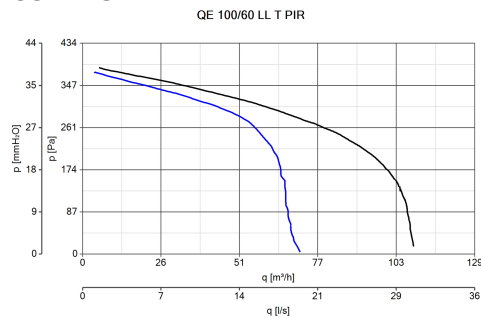


### DESCRIPTION

- Scroll and front panel made of self-extinguishing ABS, rated V0.
- Motor housing and filter frame made of ABS plastic.
- 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 fan is equipped with an infrared presence sensor (PIR – Passive

InfraRed) that allows the instantaneous operation of the product when the sensor finds occupants; after the room has been left, the product stops to run with a settable delay (between 0 and 20 minutes). Is also possible to set, during the installation, the continuous running operation mode at minimum speed (Continuous Ventilation of the room), automatically moving to the higher speed through the presence detector.

### CURVES



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