# TD Silent

## The quietest in-line fan in its class

- High performance mixed-flow impeller
- Revolutionary design reduces noise
- Utilises energy efficient technology
- High quality, European made



The **TD Silent** Series is the next generation of in-line fan. It combines the efficiency and performance of the mixed-flow impeller with revolutionary acoustic technologies.

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# A real advance in fan and acoustic technology

The **TD Silent** series of mixed-flow fans incorporates a number of new technologies that make them very quiet. They are perfect as an exhaust fan in libraries, offices and hospitals as well as designer apartments and hotels where the constant sound of the ventilation system could be distracting for the occupants.

The revolutionary design of the TD Silent series makes them quieter than similar products on the market and is a real advance in fan and acoustic technology.

This breakthrough in noise reduction is due to a technically advanced design and internal construction. Sound waves produced inside the fan are captured by a sound-absorbent internal membrane, resulting in an efficient low profile fan that operates very quietly.

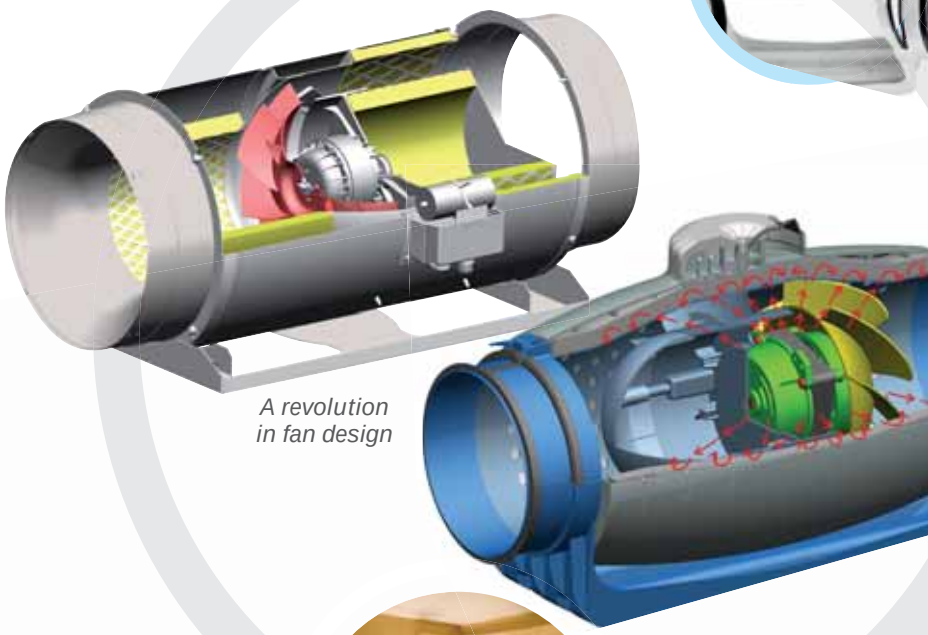
Conscious that installers often have confined spaces to work in, the TD Silent's design engineers have created a distinctive compact body that can be easily removed from the support brackets to assist with installation, maintenance and cleaning.

The TD Silent's other features include an integral mounting foot that makes installations more simple, a 240V plug and lead, a convenient 2-speed motor and a high performance mixed-flow impeller.



*Fan body is easily removed from duct*





*A revolution in fan design*



*Hotels*



*Libraries*



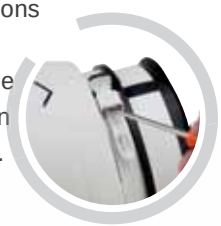
*Offices*



# Compact units 100mm, 125mm, 150mm and 200mm

## Unique features

The sleek and compact TD Silent 150 and 200mm are ideal for installations in false ceilings where space is often restricted. Integrated into the advanced composite body design are vibration absorbing elements. This includes specially designed mounting straps that grip onto a ribbed rubber gasket on the fan body that further reduces noise.

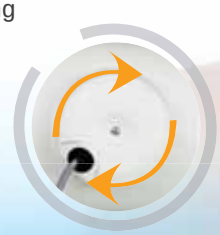


The inlet and outlet spigots also include a rubber gasket that helps to reduce air leakage and absorb vibrations which can sometimes be heard as noise along the connecting ductwork.



The distinctive body of the 150 and 200mm models can be easily removed from the ducting by releasing the strap clips and lifting it out.

Another unique feature of these models is the 360º rotating junction box that makes it easier for the power cable to be connected in tight spaces.



# High capacity units 250mm and 315mm

## Unique features

The TD Silent 250 and 315mm models are high performance fans that are quieter than any other fan in their class.



To help minimise the fan's dimensions and ensure a strong construction, the unit is made from durable sheet steel and finished in a protective epoxy polyester paint.

They feature an external terminal box which is rated at IP55 and a specially designed aerodynamic inlet to improve air flow performance and reduce noise.



The fan body is easily removed from the ducting for cleaning and maintenance by removing 4 screws at each end of the fan.

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# TD Silent, a revolutionary design

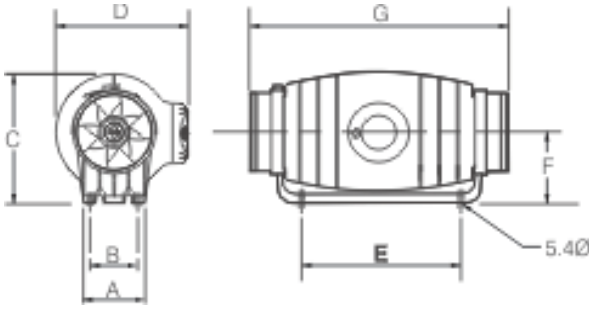
## Compact Units - 100mm, 125mm 150mm & 200mm

### Technical Data

| Model Number | Fan Speed (rev/sec) | Average sound level (dB(A) @ 3m) | TD.. 1 ph. | | Max. amb (°C) | App. weight (kg) |
|---|---|---|---|---|---|---|
| | | | (Watts) | (Amps) | | |
| TD-250/100SIL | 42/33 | 40/33 | 50/44 | 0.22/0.19 | 60 | 6.0 |
| TD-350/125SIL | 46/41 | 42/40 | 95/90 | 0.45/0.43 | 60 | 8.7 |
| TD-500/150SIL | 42/33 | 40/33 | 50/44 | 0.22/0.19 | 60 | 6.0 |
| TD-800/200SIL | 46/41 | 42/40 | 95/90 | 0.45/0.43 | 60 | 8.7 |

Values shown are High Speed / Low speed

### Dimensional Data




| Model Number | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| TD-500/100SIL | 100 | 83 | 225 | 235 | 250 | 121 | 575 |
| TD-500/125SIL | 100 | 83 | 225 | 235 | 250 | 121 | 462 |
| TD-500/150SIL | 116 | 96 | 245 | 250 | 250 | 134 | 484 |
| TD-800/200SIL | 145 | 129 | 296 | 295 | 340 | 164 | 568 |

Dimensions in mm

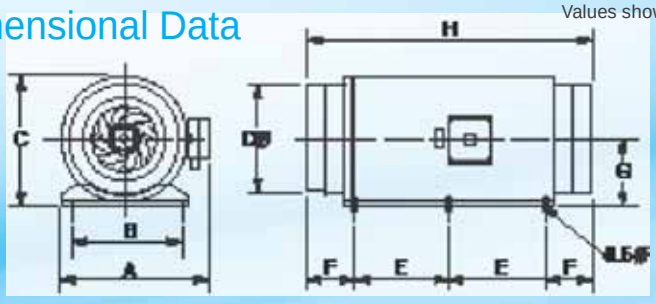
## High capacity Units - 250mm & 315mm

### Technical Data

| Model Number | Fan Speed (rev/sec) | Average sound level (dB(A) @ 3m) | TD.. 1 ph. | | Max. amb (°C) | App. weight (kg) |
|---|---|---|---|---|---|---|
| | | | (Watts) | (Amps) | | |
| TD-1300/250SIL | 42/36 | 47/42 | 197/145 | 0.83/0.61 | 60 | 20 |
| TD-2000/315SIL | 44/38 | 50/44 | 297/191 | 1.28/0.79 | 60 | 25 |

Values shown are High Speed / Low speed

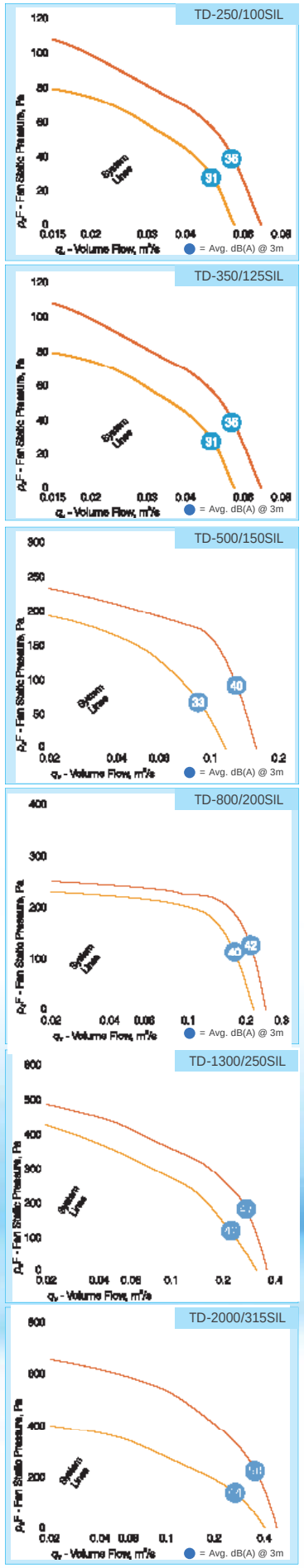
### Dimensional Data




| Model Number | A | B | C | DØ | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| TD-1300/250SIL | 387 | 280 | 331 | 248 | 200 | 140 | 171 | 680 |
| TD-2000/315SIL | 432 | 335 | 373 | 312 | 260 | 152 | 192 | 825 |

Dimensions in mm

## Performance Curve





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**Fantech Pty. Ltd.**

| | |
|---|---|
| Victoria: | (+61 3) 9554 7845 |
| New South Wales: | (02) 8811 0400 |
| South Australia: | (08) 8294 0530 |
| Northern Territory: | (08) 8947 0447 |
| Queensland: | (07) 3299 9888 |
| Western Australia: | (08) 9209 4999 |
| A.C.T. | (02) 6280 5511 |
| New Zealand: | (09) 444 6266 |

**www.fantech.com.au**

For sales enquiries contact:



Specifications and design subject to change without notice.



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