

## PRESS RELEASE

Enermax launches T.B.Silence: Silent and Economic Case Fan Series with Twister Bearing

### Power through Silence

Enermax extends its **Twister fan family** with the introduction of an attractive entry-level product: The new **T.B.Silence series** provides steady, powerful and at the same time silent cooling. It is available now in all popular sizes from 8cm to 14cm.

**Hamburg, 27th of May 2010.** The perception of the noise level may be subjective, but it is – besides performance – one of the most discussed topics in international hardware forums. With **T.B.Silence**, Enermax has developed a product which exactly meets the desires of PC enthusiasts: a powerful and reliable fan (with a minimum 100,000 hours MTBF), which works stably, silently and at the same time, cost effectively.



#### On Silent (Bat)Wings

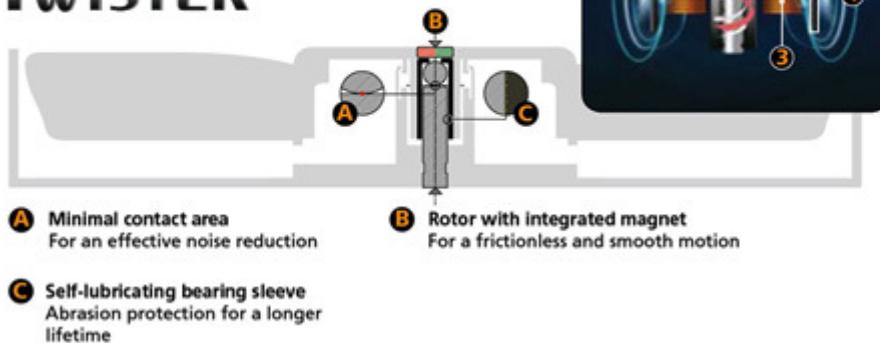
T.B.Silence adopts the distinctive batwings style blades of other Twister fan series. The special shape increases the airflow rate by 20 per cent without an audible difference. Another Enermax patented innovation is the three-piece frame. The aluminium reinforced structure not only reduces the vibration, but also improves the cooling performance due to the punched air intakes at the side. They provide an additional fresh air supply. At a constant speed of just 900RPM, the 12cm version reaches a considerable air flow rate of 71.54m<sup>3</sup>/h. During the development of the 14cm model, Enermax product managers drew inspiration from a completely different field of application: at an even lower speed of 750RPM, the powerful turbine blades achieve optimal cooling performance, while retaining their silent operation.

#### Twister Bearing Technology: The Brilliant Idea behind “Air Cooling by Enermax“

The “**Twister**” bearing is Enermax’s main ingredient in its recipe for success in the fan market. The smart technology not only ensures smooth fan rotation and long lifetime, but also reduces the noise level significantly. A small metal ball inside the rotor becomes magnetised and holds the fan blades in place on the shaft. That way, Enermax keeps the contact area and friction to a minimum. Furthermore, the bearing sleeve is made from a self-lubricating nano material, which prevents the loss of lubricant and guarantees a long lifetime of at least 100,000 hours MTBF. The other positive side effect of the patented Twister Bearing Technology is that the blades are detachable and can very easily be cleaned of dust.

### Twister Bearing Technology

# TWISTER



Twister Bearing Technology (patented)

Persistent low noise level

Longer life: up to 100.000 hours MTBF

- 1 Magnetized steel ball
- 2 Self-lubricating nano bearing
- 3 Coils
- 4 Flexible magnets inside the rotor

T.B.Silence is available now starting from just 4.99 Euro (8cm model, MSRP incl. VAT in Euro countries). The fan series includes all popular sizes including 8cm, 9cm, 12cm and 14cm. More information and photos: [www.enermax.co.uk/tbsilence](http://www.enermax.co.uk/tbsilence).

**In case of questions or test sample requests please contact with:**

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**About Enermax:**

Enermax Technology Corporation was founded in Taiwan in 1990 and is a globally renowned manufacturer of PC components such as power supplies, PC cases, cooling fans, keyboards, enclosures and other peripherals. Since almost 20 years Enermax plays a leading role as an innovator in PSU market. Enermax products are well known for their innovative technology, high quality and safety, best performance and unique design. The company possesses its own research and development centre as well as two factories. Six subsidiaries and numerous affiliates around the world provide an excellent network for OEM/ODM and retail business. Enermax subsidiary in Hamburg coordinates major European markets.

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