



## LED Case Fan Series



### Features

#### Bright Colours

Eye-catching and bright colours thanks to patented circular LED light with 54 diodes (18 blue, 18 red and 18 green diodes). Enermax LED fans shine many times brighter than ordinary LED fans.

#### Spectacular Three-colour (blue/red/green) Light Show

The leading Enermax LED technology creates unmatched effects due to the patented circular LED light with 54 diodes (18x blue, 18x red, 18x green). Three colours (blue, red and green) and 14 LED modes to choose from. LED mode button included.

#### Curved LED flashes

Focus Blades with light reflex strips to create exceptional, curved rays of light.

#### Powerful Cooling

High-performance Turbine Blades providing an air flow rate of max. 114m<sup>3</sup>/h.

#### Flexible Speed Control

RPM adjustment with 4-pin PWM mainboard fan control.

#### Twister Bearing

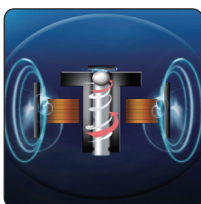
Smooth and persistent silent thanks to patented Twister Bearing Technology (min. 100,000 hours MTBF).

#### Click Mechanism

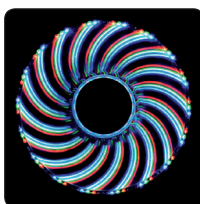
Detachable blades for easy cleaning from dust.

#### Effective vibration reduction

Four isolator mounts reduce vibrations and make the fan installation easier.



Twister Bearing Technology



Patented circular LED light with up to 54 diodes



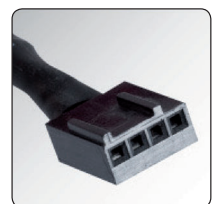
Focus Blades with light reflex strips for brilliant light effects



Detachable Blades for easy cleaning



LED mode button



4P PWM speed control

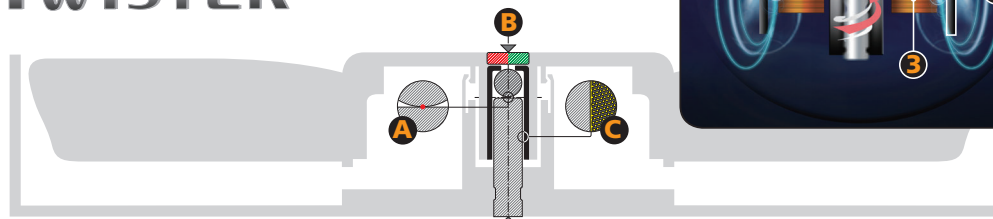
# Leading LED-Technology: Three-colour Vegas-Light-Show



\* Vegas - repeated: Blue – all LEDs on / Red – all LEDs on / Green – all LEDs on / Combo – all LEDs on

## Twister Bearing Technology

# Twister



- A** Minimal contact area  
For an effective noise reduction
- B** Rotor with integrated magnet  
For a frictionless and smooth motion
- C** Self-lubricating bearing sleeve  
Abrasion protection for a longer lifetime

### 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

## Specifications



|                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions (mm)                       | W 120 x H 120 x D 25                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Colours                               | Blue and Red and Green                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Bearing Type                          | Patented Twister Bearing Technology                                                                                                                                                                                                                                                                                                                                                                                                       |
| LED Type (patented)                   | Circular LED light with 54 diodes each colour 18 diodes                                                                                                                                                                                                                                                                                                                                                                                   |
| Fan Speed (RPM)                       | 500~1,600 (+/- 10%)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Air Flow (m³/h)                       | 34.69~114.65                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Air Flow (CFM)                        | 20.42~67.48                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Static Pressure (mm-H <sub>2</sub> O) | 0.618~1.912                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Min. Noise (dB(A))                    | 14                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MTBF                                  | 100,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Input Power (W)                       | 8.4                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Input Current (A)                     | 0.7                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Rated Voltage (V)                     | 12                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Accessory                             | 4 x isolator mounts, 3-to-4-pin adaptor, adhesive tape for mounting of LED button                                                                                                                                                                                                                                                                                                                                                         |
| Certifications & Standards            |      |