

**BOL.QUIET** 



## Brilliant LED Fan

### Product Features

- LEPA modular frame with LEPA logo halo ring design to increase more airflow
- S-blade with winglet design to improve cooling efficiency
- Patented Barometric Oilless (BOL) Bearing for long lifespan and silent spinning
- PWM speed control for the best balance of performance and silence
- 4 high quality brilliant LEDs
- Rubber screws to reduce vibration and keep silent operation
- Removable fan blades for convenient cleaning

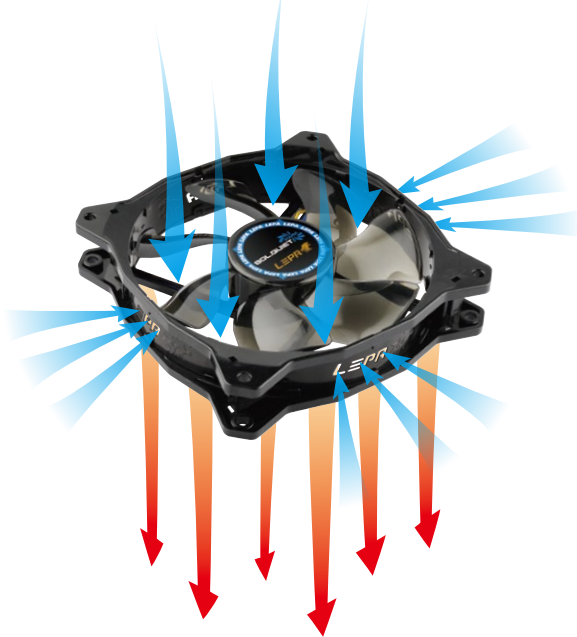


LPBOL12P-R



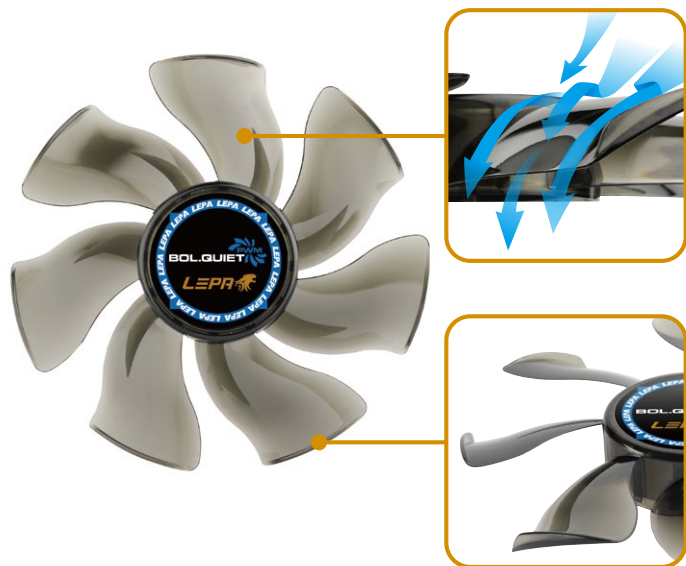
LPBOL12P-BL

### Frame Design



The specially designed LEPA halo ring increase the cooling performance by allowing more air being absorbed from 4 sides of the frame.

### Blade Design

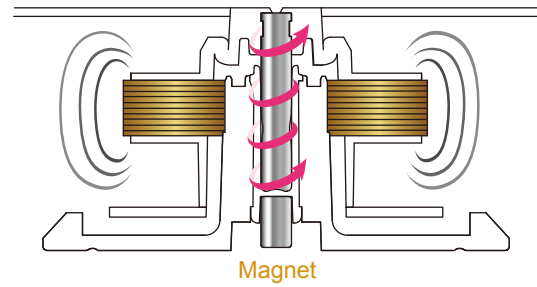


The S-Blade composed with an advanced winglet structure which minimize the turbulence and stabilize the airflow; it allows the fan to operate with lower noise level and higher flow rate.

## BOL (Barometric Oilless) Bearing



- Removable fan blades for convenient cleaning



### Long lifespan, silent spinning

Patented BOL (Barometric Oilless) bearing is a self-lubricating design with Nano materials. The bearing features minimal friction operation; therefore it is quieter than traditional 2 ball-bearing. The special Nano materials intentionally used for high working temperature, with MTBF  $\geq 160,000$  hours.

## Product Specifications

|                 |  |
|-----------------|--|
| Model Name      | <b>LPBOL12P-BL/R</b>                                 |
| Dimension       | 120 x 120 x 25 mm                                    |
| Speed Mode      | PWM  |
| LED Color       | blue (-BL) / red (-R)                                |
| LED Quantity    | 4  |
| LED Mode        | all-on   |
| Speed           | 600 ~ 1600 rpm                                       |
| Air Flow        | 30.61 ~ 81.45 CFM                                    |
| Air Flow        | 52.01 ~ 138.39 m <sup>3</sup> /h                     |
| Static Pressure | 0.538 ~ 1.923 mm-H <sub>2</sub> O                    |
| Noise Level     | 8 ~ 18 dBA   |
| Rated Voltage   | 12V DC   |
| Input Current   | 0.25 A   |
| Input Power     | 3.0 W  |
| MTBF            | $\geq 160,000$ hours                                 |
| Connector       | 1 x 4 pin PWM connector, 1 x 4 pin fan power adaptor |

