

# Brushless DC Blower Fan

This is a brushless DC blower fan with an expected lifespan of 50000 hours. It is IP68 waterproof and constructed from UL94V-0 material.



## Product Overview

**97 X 97 X 33mm ( Mass:155g)**

| Model No.      | Rated Voltage | Operating Voltage | Rated Current | Rated Input | Speed | Maximum Air Flow |       | Max. Static Pressure |        | Noise |
|----------------|---------------|-------------------|---------------|-------------|-------|------------------|-------|----------------------|--------|-------|
|                | VDC           | VDC               | AMP           | Watt        | R.P.M | M3/min           | CFM   | MmH2O                | IN H2O | dB-A  |
| ZGC-BB9733L12  | 12            | 7.2-13.8          | 0.33          | 3.96        | 2750  | 0.540            | 19.06 | 12.69                | 0.499  | 45.0  |
| ZGC-BB9733M12  |               |                   | 0.59          | 7.08        | 3300  | 0.640            | 22.60 | 19.00                | 0.747  | 49.5  |
| ZGC-BB9733H12  |               |                   | 0.82          | 9.84        | 3800  | 0.720            | 25.42 | 25.40                | 0.999  | 52.5  |
| ZGC-BB9733HH12 | 24            | 14.5-27.5         | 1.15          | 13.8        | 4200  | 0.802            | 28.24 | 32.95                | 1.288  | 56.0  |
| ZGC-BB9733L24  |               |                   | 0.17          | 4.08        | 2750  | 0.540            | 19.06 | 12.69                | 0.499  | 45.0  |
| ZGC-BB9733M24  |               |                   | 0.28          | 3.36        | 3300  | 0.640            | 22.60 | 19.00                | 0.747  | 49.5  |
| ZGC-BB9733H24  |               |                   | 0.42          | 10.08       | 3800  | 0.720            | 25.42 | 25.40                | 0.999  | 52.5  |
| ZGC-BB9733HH24 |               |                   | 0.57          | 13.68       | 4200  | 0.802            | 28.24 | 32.95                | 1.288  | 56.0  |

The ZGC-BB9733 compact brushless DC blower designed for high airflow requirements.

## High-Efficiency Cooling Solution

The ZGC-BB9733 is a compact brushless DC blower designed for demanding electronic thermal management. Featuring IP68 waterproof certification and a rugged UL94V-0 rated material construction, it ensures reliability in harsh environments. With a 50,000-hour service life, it provides an economical yet high-performance cooling solution for servers and industrial electronic equipment.

## Physical Specifications

|            |                 |
|------------|-----------------|
| Dimensions | 97 x 97 x 33 mm |
| Mass       | 155 g           |

## Key Features

|                            |                                |
|----------------------------|--------------------------------|
| Certification & Protection | IP68 Waterproof, UL94V-0 Rated |
|----------------------------|--------------------------------|

## Performance Data

### Model Specifications

| Model          | Voltage | Speed | Max Airflow (CFM) | Noise (dB-A) |
|----------------|---------|-------|-------------------|--------------|
| ZGC-BB9733L12  | 12V     | 2750  | 19.06             | 45           |
| ZGC-BB9733M12  | 12V     | 3300  | 22.6              | 49.5         |
| ZGC-BB9733H12  | 12V     | 3800  | 25.42             | 52.5         |
| ZGC-BB9733HH12 | 12V     | 4200  | 28.24             | 56           |
| ZGC-BB9733L24  | 24V     | 2750  | 19.06             | 45           |
| ZGC-BB9733M24  | 24V     | 3300  | 22.6              | 49.5         |
| ZGC-BB9733H24  | 24V     | 3800  | 25.42             | 52.5         |
| ZGC-BB9733HH24 | 24V     | 4200  | 28.24             | 56           |

### Expected Service Life

**50000 h**  
Lifetime