

San Ace

New Product Information

«San Ace B97» Blower

SANYO DENKI EUROPE SA. is pleased to introduce its «San Ace B97» DC blower serie measuring 97 mm by 33 mm thick. Featuring the Industry's top large air flow, high static pressure and energy-saving, this serie has been designed to meet the requirements for high cooling performances in high density equipments of the IT, Communication and OA industries.



■ Main Specifications

- Reference : **9BMB**P2K01**
- Size : **97 mm by 33 mm thick**
- High static pressure (**1280 Pa**) and large air flow (**1.61 m³/min - 56.9 CFM**)
- **Speed code** : K code (6850 rpm rated)
- **Rated Voltage** : 12 or 24 VDC
- **PWM** speed control function (25 kHz) for external fan rotation speed control
- **Pulse Sensor**
- **Expected life** : 40000 hours (at 60°C with survival rate of 90%)

■ Product Advantages

1) Large air flow and high static pressure: (Figure 1)

An optimized design of impeller shape and an improved motor efficiency increase the **maximum air flow by +18%** and the **maximum static pressure by +68%** compared with our conventional product (9BAM12GC2).

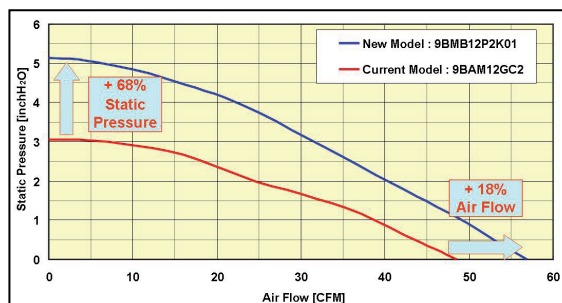


Figure 1 : San Ace blower B97 - Performance Curve comparison

2) Energy saving design and high rotation:

A new design of motor and circuit improves motor efficiency achieving the industry's top energy saving in its size and allows higher rotation speed.

3) Low vibration and high reliability:

A review of mechanical structure and motor design allows low vibration and high reliability.

4) PWM Control:

By controlling and maintaining the required speed for an application, power consumption and sound pressure can be managed.

■ Target Applications and Industries

IT and communication devices such as servers, HDD storages, power supplies and OA equipments such as heat exchangers, paper feeding for printing, copy machines, air cleaners and other applications.

For further information on Sanyo Denki «San Ace B97» blower DC fan, please contact us at +33 1 48 63 26 61 or email us at info@sanyodenki.eu.