

SANYO DENKI Products Support Home Automation

Contributing to Improvement of Living Environment

DC Cooling fans that improve the living environment and participate actively in various fields on housing.

- That is **San Ace**.

A fan is installed at the upper part of a cylindrical duct which is attached to a detector.



(e.g.) Smoke detector

◆Success Story 1: Realize reduction in noise level with Silent Fan

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| Application: | Heater for rooms |
| Fan Type: | Silent Fan San Ace 80S (80mmx 25mm) |
| Purpose: | To efficiently warm up an entire room by using the fans to expel the warm air from hot water pipes in the heater. |
| Issues/Problems: | Customer expected to use low noise fans since 14 fans are required. |
| Solution: | We suggested Silent Fan with the industry's lowest noise level. |
| Merit: | The noise level is reduced from 23dB to 22dB (reduced by 4% compared with our conventional fans). The maximum static pressure of the fan is increased by 22% compared with our conventional fan at the equivalent airflow. |



◆Success Story 2: Realize Maintenance Free of Device with Blower Fan

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| Application: | Toilet deodorizing machine |
| Fan Type: | Blower San Ace B97 (92mm diameter x 33mm) |
| Purpose: | To exhaust odor from toilet seats through a duct of toilet container. |
| Issues/Problems: | Customer expected to reduce the maintenance man-hours of cooling fans. Conventional fans needed to be replaced every 2-3 yrs at an ambient temperature of 40°C. |
| Solution: | We suggested a Blower with the industry's top life expectancy of 70,000 (approx. 8 yrs) at an ambient temperature of 40°C. |
| Merit: | The maintenance man-hours is reduced and the reliability is enhanced because the fan now only needs to be replaced every 8 yrs. |



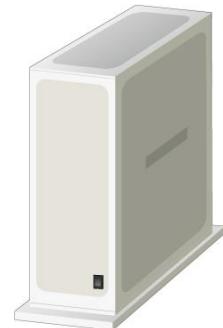
◆Success Story 3: Realize reduction in noise level with Silent Fan

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| Application: | Home theater |
| Fan Type: | Silent fan San Ace 60S (60mmx 25mm) |
| Purpose: | To cool amplifier of an audio-component stereo set. |
| Issues/Problems: | Customer expected to lower the noise level of the device. |
| Solution: | We suggested a Silent Fan with the industry's lowest noise level of 16dB. |
| Merit: | The noise level is reduced from 20dB to 16dB (reduced by 20% compared with our conventional fan at the equivalent airflow). For reference: The noise level in a recording studio is said to be 20dB. |



◆Success Story 4: Realize reduction in noise level with Silent Fan

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|------------------|---|
| Application: | Video game consol |
| Fan Type: | Silent Fan San Ace 80S (80mmx25mm) |
| Purpose: | To cool the internal part of the device. |
| Issues/Problems: | Customer expected to lower the noise level of a device for indoor use. |
| Solution: | We suggested a Silent fan with the industry's lowest noise level of 22dB. |
| Merit: | The noise level is reduced 23dB to 22dB (reduced by 4% compared with our conventional fan at the equivalent airflow). For reference: The noise level in a concert hall is said to be 25dB. |



San Ace

DC Fan

Products of Cooling Systems

Other applications: Packaging machines, food-processors, etc.

■ Blower

San Ace B Type

◆ DC Blower specialized for high static pressure, and suitable for heat generating devices.



■ Silent Fan

San Ace S Type

◆ Silent Fan features low noise level and low vibration.

■ Low Power Consumption

San Ace GA Type

◆ Power Consumption of Low Power Consumption fan is reduced by 30% compared with our conventional product.



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※For more details on our products, please visit our website at www.sanyodenki.co.jp
※Please read the instruction manual carefully before installing, connecting, operating, maintaining, or inspecting the product.

Contact to