

# XF-53675 Sanyo Denki 24VDC 76mm 4-Wire Centrifugal Fan Datasheet



**Brand:** Sanyo Denki

**SKU:** [728479054661](#)

**Category:** Axial & Centrifugal Fans

**Price:** **\$39.99**

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Product Page:

<https://www.equipspares.com/product/xf-53675-sanyo-denki-24vdc-76mm-4-wire-centrifugal-fan>

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## Product Description

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The Sanyo Denki XF-53675 is a precision-engineered Centrifugal Fan designed for high-static pressure applications within the renowned San Ace B76 series. Utilizing advanced DC motor technology and a robust dual ball bearing architecture, this blower optimizes aerodynamic efficiency while minimizing thermal impedance in restricted enclosures. The unit features a specialized impeller design that delivers concentrated airflow, making it an ideal solution for overcoming high system resistance in industrial and projection equipment. Constructed with structural rigidity in mind, the frame and impeller are built to withstand continuous operation, ensuring long-term reliability and consistent performance in demanding thermal environments.

Model Number: XF-53675

Brand: Sanyo Denki

Series: San Ace B76

Product Type: Centrifugal Blower

Rated Voltage: 24VDC

Voltage Range: 14.0 - 27.6 VDC

Rated Current: 0.16 A

Power Consumption: 3.84 W

Rated Speed: 2400 RPM (Nominal)

Bearing Type: Dual Ball Bearing

Max. Air Flow: 10.6 CFM (18.0 m<sup>3</sup>/h / 0.3 m<sup>3</sup>/min)

Max. Static Pressure: 11.2 mmH<sub>2</sub>O (110 Pa / 0.44 inH<sub>2</sub>O)

Dimensions: 76mm x 76mm x 30mm

Weight: 110 g

Life Expectancy: 40,000 Hours at 60°C

Termination: 4-Wire (Lead Wire)

Speed Control: PWM / Tachometer Output

Housing Material: Plastic (UL94V-0)

Impeller Material: Plastic (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -30°C to +70°C

Mounting Orientation: Any

Ingress Protection: IP40

Noise Level: 34 dB(A)

Motor Protection: Locked Rotor Protection, Reverse Polarity Protection

Application: Projectors, Server Cooling, Industrial Automation

The XF-53675 is specifically calibrated for integration into high-performance projection systems where focused cooling is critical for lamp and chipset longevity. Beyond visual equipment, the XF-53675 serves effectively in compact server racks, telecommunications hardware, and industrial automation control panels requiring directed airflow to dissipate heat from dense component clusters. Its compact form factor allows the XF-53675 to fit seamlessly into tight chassis configurations, ensuring optimal thermal management in medical devices and precision instrumentation where space is at a premium.

## Supplemental Images

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