

9HV1248P1H003 Sanyo Denki 48V 1.4A DC axial fan

SKU: 9HV1248P1H003

Price: \$38.57

Categories: Fans

Tags: Sanyo Denki

Product Link:

<https://www.electspares.com/product/9hv1248p1h003-sanyo-denki-48v-1-4a-dc-axial-fan/>

Product Description

The Sanyo Denki 9HV1248P1H003 is a powerful 120x120x38mm DC axial fan engineered for ultra-high static pressure applications, making it ideal for demanding thermal management in servers, storage systems, telecommunications equipment, and power supplies. Operating on a 48V DC power supply, this fan typically draws 1.4A of current, consuming 67W of power. It achieves an impressive rotational speed of 10000 RPM, delivering a very high airflow of 7.2 m³/min (254 CFM) and a static pressure of 1050 Pa (4.22 in H₂O). With a noise level of 72 dB(A) and utilizing durable ball bearings, this model offers a long operational life of 40,000 hours at 60°C. It includes advanced features like PWM control for speed regulation and a pulse sensor (tachometer output) for monitoring, ensuring precise and reliable cooling in critical environments.

9HV1248P1H003 Fan Parameters

Model Number: 9HV1248P1H003

Manufacturer: Sanyo Denki

Series: San Ace 120

Type: DC Axial Fan

Dimensions: 120mm x 120mm x 38mm

Rated Voltage: 48 VDC

Operating Voltage Range: 36 VDC to 60 VDC

Rated Current: 1.4 A

Rated Power: 67 W

Speed: 10000 RPM

Airflow: 7.2 m³/min (254 CFM)

Static Pressure: 1050 Pa (4.22 in H₂O)

Noise Level: 72 dB(A)

Bearing Type: Ball Bearing

Life Expectancy: 40,000 hours (at 60°C, rated voltage, continuous operation in free air)

Frame Material: Aluminum

Blade Material: Plastic (UL 94V-0 flammability rating)

Termination: 4 Wire Leads

Features: PWM Control Function, Pulse Sensor (Tachometer Output), Locked Rotor Burnout Protection

Operating Temperature: -20°C to +70°C

Safety Standards: UL, TUV, CSA

Application: Servers, storage systems, telecommunications equipment, power supplies, air purification, and other ultra-high static pressure cooling applications.

Product Images







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