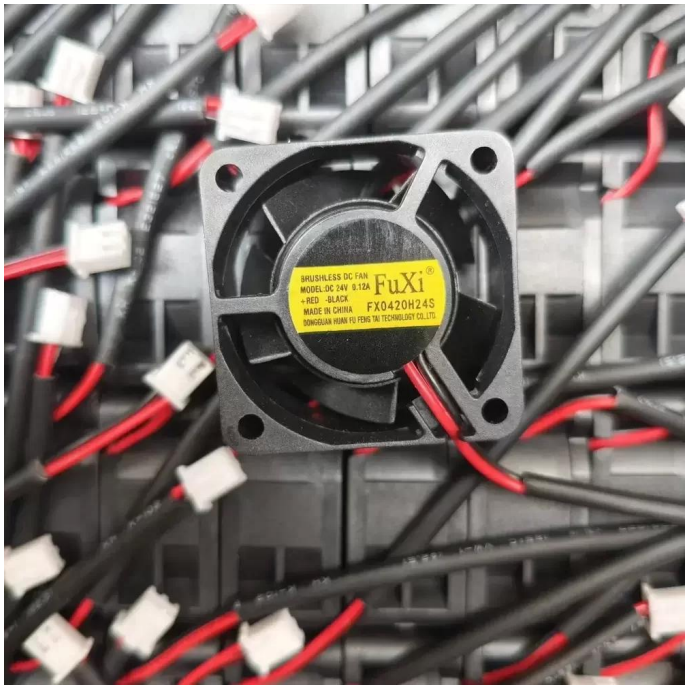
FX0420H24S FuXi 24VDC 40x40x20mm Axial Fan Datasheet



SKU: 984317491563

Category: Axial & Centrifugal Fans

Price: **$8.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/fx0420h24s-fuxi-24vdc-40x40x20mm-axial-fan

Product Description

The FuXi FX0420H24S is a compact Axial Fan engineered for precision thermal management in industrial electronics. Utilizing advanced brushless DC motor technology, this unit ensures consistent airflow delivery while maintaining optimal thermal impedance within high-density enclosures. The construction features a robust housing designed for structural rigidity, minimizing vibration-induced noise during operation. Equipped with a durable dual ball bearing system, the fan offers extended operational longevity and reliability. Its aerodynamic blade profile is optimized to balance static pressure and airflow, making it an efficient solution for maintaining component stability in demanding environments.

Model Number: FX0420H24S
Brand: FuXi
Product Type: DC Axial Fan
Rated Voltage: 24VDC
Voltage Range: 14.0 - 27.6 VDC
Rated Current: 0.12 A
Power: 2.88 W
Rated Speed: 6500 RPM
Bearing Type: Dual Ball Bearing
Max. Air Flow: 7.8 CFM (13.25 m^3/h / 0.22 m^3/min)
Max. Static Pressure: 5.2 mmH_2O (50.9 Pa / 0.20 inH_2O)

Dimensions: 40 x 40 x 20 mm
Weight: 30 g
Life Expectancy: 50,000 Hours @ 40°C
Termination: 2-Wire Lead
Motor Type: Brushless DC
Mounting Orientation: Any
Operating Temperature: -10°C to +70°C

The FX0420H24S is specifically designed for integration into compact electronic assemblies requiring reliable forced convection. Common deployment scenarios include cooling power supply units, small-form-factor server racks, and industrial automation controllers where space is at a premium. The FX0420H24S is also suitable for network switches and telecommunications equipment, ensuring critical components remain within safe operating temperature ranges to prevent thermal throttling or failure.

Supplemental Images