

AD0912UX-A70GL ADDA 12V 0.30 A 92x92x25mm DC Axial Fan

SKU: AD0912UX-A70GL

Price: \$9.99

Categories: Fans

Tags: ADDA

Product Link:

<https://www.electspares.com/product/ad0912ux-a70gl-adda-12v-0-30-a-92x92x25mm-dc-axial-fan/>

Product Description

The ADDA AD0912UX-A70GL is a high-performance 12V DC Axial Fan with dimensions of 92 x 92 x 25 mm, specifically engineered for mission-critical cooling in industrial VFD systems, servers, and high-density electronic enclosures. Driven by a specialized DC motor with reinforced double ball bearings, this heavy-duty unit operates on a 12 VDC supply delivering a Max. Power Consumption of 3.6 W and a Max. Current Draw of 0.30 A at a rated speed of 3300 RPM. This High-performance unit is optimized to overcome significant system impedance, providing a Max. Air Flow of 57.0 CFM (96.8 m³/h / 1.61 m³/min) and a Max. Static Pressure of 5.08 mmH₂O (49.8 Pa / 0.20 inAq). Featuring a 7-blade high-pressure impeller and rugged UL 94V-0 plastic construction, this 92 mm unit ensures high operational reliability and an extended service life of 70,000 hours in intense thermal environments at the end.

AD0912UX-A70GL Fan Parameters

Model Number: AD0912UX-A70GL

Manufacturer: ADDA

Type: DC Axial Fan

Dimensions: 92 x 92 x 25 mm

Weight: 92 g

Bearing Type: Two Ball Bearing

Nominal Voltage: 12 VDC

Nominal Voltage Range: 6.0 - 13.8 VDC

Max. Current Draw: 0.30 A

Max. Power Consumption: 3.6 W

Rated Speed: 3300 RPM

Max. Air Flow: 57.0 CFM (96.8 m³/h / 1.61 m³/min)

Max. Static Pressure: 5.08 mmH₂O (49.8 Pa / 0.20 inAq)

Working Air Flow: 96.8 m³/h

Static Pressure Increase: 49.8 Pa

Noise Level: 43.0 dB(A)

Number of Blades: 7

Connection: 2-Wire (Red +, Black -; UL1007 AWG#24)

Technical Features: Dual ball bearing high-speed design

Motor Protection: Locked-rotor protection; Polarity protection

Insulation Class: "A"

Degree of Protection: IP51

Protection Class: III

Impeller Material: UL 94V-0 Plastic

Housing Material: UL 94V-0 Plastic

Direction of Rotation: Counter-clockwise (viewed from rotor)

Installation Position: Any

Mode: S1

Service Life (L10): 70,000 h (at 40 °C)

Ambient Temperature (Max.): 70 °C

Min. Operating Temperature: -10 °C

Standard Compliance: UL; TUV; CE

Approval: UL; CUL; TUV; CE

Application

The ADDA AD0912UX-A70GL fan is the primary cooling component for high-performance computing servers, industrial frequency converters, and power supply units requiring ultra-high speed and reliable heat dissipation.

Product Images







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