# AD07012DB257300 ADDA 12VDC 70x70x25mm Projector Axial Fan Datasheet


**Brand:** ADDA

**SKU:** 700500726103

**Category:** Axial & Centrifugal Fans

**Price:** **$12.99**

**E-mail:** sales@equipspares.com

**Web:** https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ad07012db257300-adda-12vdc-70x70x25mm-projector-axial-fan

## Product Description

The ADDA AD07012DB257300 is a specialized DC Axial Fan engineered for high-thermal-density applications, specifically optimized for projection equipment and compact electronics. Utilizing a robust DC brushless motor architecture, this unit ensures consistent rotational stability and minimized thermal impedance within compact enclosures. The design features an aerodynamically balanced impeller housed within a rigid frame, promoting efficient static pressure generation while maintaining structural rigidity under continuous operation. Its precise engineering reduces vibrational resonance, making it an ideal solution for sensitive optical cooling requirements where reliability is paramount.

Model Number: AD07012DB257300
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.30 A
Power: 3.60 W
Rated Speed: 4500 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 39.5 CFM (67.1 $m^3/h$ / 1.12 $m^3/min$)

Max. Static Pressure: 5.8 mm$H_2O$ (56.9 Pa / 0.23 in$H_2O$)
Dimensions: 70 x 70 x 25 mm
Weight: 86 g
Life Expectancy: 70,000 Hours at 40°C
Noise Level: 39.0 dB(A)
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: Lead Wires
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: CE, TUV, UL, CUL
Application: BenQ Projector Cooling

The AD07012DB257300 is primarily deployed in high-performance multimedia projection systems, serving as a critical thermal management component for BenQ projectors and similar optical devices. Its compact 70mm form factor allows for seamless integration into restricted chassis spaces found in server racks, portable medical instrumentation, and precision optical equipment. By maintaining optimal operating temperatures, the AD07012DB257300 prevents thermal throttling in sensitive electronics, ensuring prolonged component lifespan and reliable performance in continuous-duty environments.