

# AB3505LX-QB0 ADDA 5V 35x35x10mm DC Centrifugal Blower

**SKU:** AB3505LX-QB0

**Price:** \$9.99

**Categories:** Fans

**Tags:** ADDA

**Product Link:**

<https://www.electspares.com/product/ab3505lx-qb0-adda-5v-35x35x10mm-dc-centrifugal-blower/>

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## Product Description

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The ADDA AB3505LX-QB0 is a high-performance 5 VDC DC Centrifugal Blower with dimensions of 35 x 35 x 10 mm, specifically engineered for ultra-compact thermal management in portable electronic devices and micro-projectors. Driven by a brushless DC motor with a power consumption of 0.5 W and a nominal current of 0.10 A, this precision turbine blower operates at a rated speed of 5500 RPM, delivering an actual air flow of 0.91 CFM (1.55 m<sup>3</sup>/h) while maintaining an ultra-low noise level of 20 dB(A). Constructed with a ruggedized metal housing for enhanced structural integrity and a high-precision Hypro bearing system featuring an 11-blade high-pressure impeller, this 13 g unit provides a dependable and energy-efficient side-exhaust air-moving solution with impedance protection for portable medical devices, VR/AR headsets, and localized cooling for high-performance chipsets in compact embedded systems.

AB3505LX-QB0 Fan Parameters

Model Number: AB3505LX-QB0

Manufacturer: ADDA

Series: AB Series

Type: DC Centrifugal Blower

Impeller Size: 30 mm

Dimensions: 35 x 35 x 10 mm

Weight: 13 g

Bearing Type: Hypro Bearing

Nominal Voltage: 5 VDC

Voltage Range: 4.5 - 5.5 VDC

Power Consumption: 0.5 W

Nominal Current: 0.10 A

Speed: 5500 RPM

Max. Air Flow: 62.23 CFM (105.7 m<sup>3</sup>/h / 1.76 m<sup>3</sup>/min)

Max. Static Pressure: 9.81 mmH<sub>2</sub>O (96.24 Pa / 0.39 inH<sub>2</sub>O)

Actual Air Flow: 0.91 CFM (1.55 m<sup>3</sup>/h)

Actual Static Pressure: 0.14 inAq (34.8 Pa)

Noise Level: 20 dB(A)

Motor Protection: Impedance protected

Insulation Class: Class A

Electrical Hookup: 2 Lead wires

Number of Blades: 11

Direction of Rotation: Counter-clockwise, viewed toward rotor

Housing Material: Metal (Aluminum / Zinc Alloy)

Impeller Material: Plastic (UL94V-0)

Installation Position: Any

Operating Temperature: -10 - +70 °C

Storage Temperature: -40 - +70 °C

Standard Compliance: UL; CUL; TUV; CE

#### Application

The ADDA AB3505LX-QB0 blower is primarily utilized in portable medical devices, micro-projectors, VR/AR headsets, and localized cooling for high-performance chipsets in compact embedded systems.

## Product Images

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Scan for product details:

