

KDB0605HD-A02 Delta 5VDC BA31-00151A Centrifugal Blower Datasheet



Brand: Delta

SKU: [866120936047](#)

Category: Axial & Centrifugal Fans

Price: **\$29.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/kdb0605hd-a02-delta-5vdc-ba31-00151a-centrifugal-blower>

Product Description

Delta KDB0605HD-A02 is a 5VDC centrifugal blower optimized for ultra-thin laptop thermal management and overcoming high system impedance in compact chassis designs. Engineered specifically as an OEM replacement fan for Samsung NP930X5J and NP940X5J series (part BA31-00151A), this unit utilizes a highly efficient DC motor architecture paired with a precision-balanced impeller to maximize airflow within constrained z-heights. The aerodynamic design ensures optimal thermal impedance reduction while maintaining structural rigidity under continuous thermal cycling. Operating at a rated current of 0.40A, it delivers the precise static pressure required to force air through dense copper fin arrays, ensuring stable CPU and GPU temperatures during intensive computing workloads.

Model Number: KDB0605HD-A02

Brand: Delta

Product Type: Centrifugal Blower

Compatible Part Number: BA31-00151A

Compatible Models: Samsung NP930X5J, NP940X5J

Rated Voltage: 5 VDC

Rated Current: 0.40 A

Power: 2.0 W

Motor Type: DC Brushless

Termination: 4-Wire Connector

Housing Material: High-Density Polymer

Impeller Material: High-Density Polymer

Mounting Orientation: Horizontal/Vertical

KDB0605HD-A02 Applications

1. Ultra-Thin Ultrabook Cooling: Provides the necessary static pressure to overcome high system impedance in Samsung NP930X5J and NP940X5J chassis, ensuring rapid heat dissipation from dense heatpipe arrays.
2. OEM Laptop Repair and Refurbishment: Serves as an exact BA31-00151A replacement fan, restoring original thermal impedance profiles and acoustic performance in premium mobile workstations.
3. Compact Electronics Enclosures: Ideal for micro-niche custom builds requiring a low-profile 5VDC centrifugal blower to direct airflow across localized hotspots with minimal vibration.

Supplemental Images

