BAPC0715B2HP001 AVC 12VDC 75mm PWM Centrifugal Blower Fan Datasheet

Brand: AVC

SKU: 1020392403878

Category: Axial & Centrifugal Fans

Price: **$24.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/bapc0715b2hp001-avc-12vdc-75mm-pwm-centrifugal-blower-fan

Product Description

The AVC BAPC0715B2HP001 is a Centrifugal Blower engineered for high-performance thermal management within restricted spatial envelopes. Utilizing an advanced DC brushless motor architecture, this unit delivers exceptional static pressure capabilities essential for overcoming high thermal impedance in dense heatsink arrays. The construction features a robust bearing system, identified as Dual Ball Bearing based on the model nomenclature, ensuring structural rigidity and prolonged operational lifespan under high-stress conditions. Its aerodynamic impeller design optimizes airflow trajectory, minimizing turbulence while maximizing heat dissipation efficiency for critical electronic components, specifically designed for high-TDP graphics processing applications.

Model Number: BAPC0715B2HP001
Brand: AVC (Asia Vital Components)
Product Type: Centrifugal Blower Fan
Rated Voltage: 12VDC
Voltage Range: 10.8 - 13.2 VDC
Rated Current: 1.00 A
Power Consumption: 12.00 W
Bearing Type: Dual Ball Bearing
Motor Type: DC Brushless
Dimensions: Approx. 75mm x 75mm x 15mm

Termination: 4-Wire Lead
Connector: 4-Pin PWM Female
Speed Control: PWM (Pulse Width Modulation)
Material: Thermoplastic PBT (UL94V-0)
Application: Nvidia RTX Series (Founders Edition)
Mounting: 3-Point Triangular Mount
Direction of Rotation: Counter-Clockwise
Operating Temperature: -10°C to +70°C

Primarily deployed within high-performance graphics processing units, the BAPC0715B2HP001 serves as a critical cooling component for Nvidia RTX series reference cards. Beyond consumer electronics, the BAPC0715B2HP001 is suitable for compact server racks, industrial workstations, and telecommunications equipment requiring directed airflow through fin stacks. Its blower configuration allows it to exhaust hot air directly out of chassis vents, making it ideal for small form factor (SFF) builds and precision medical devices where ambient heat recirculation must be strictly mitigated.

Supplemental Images