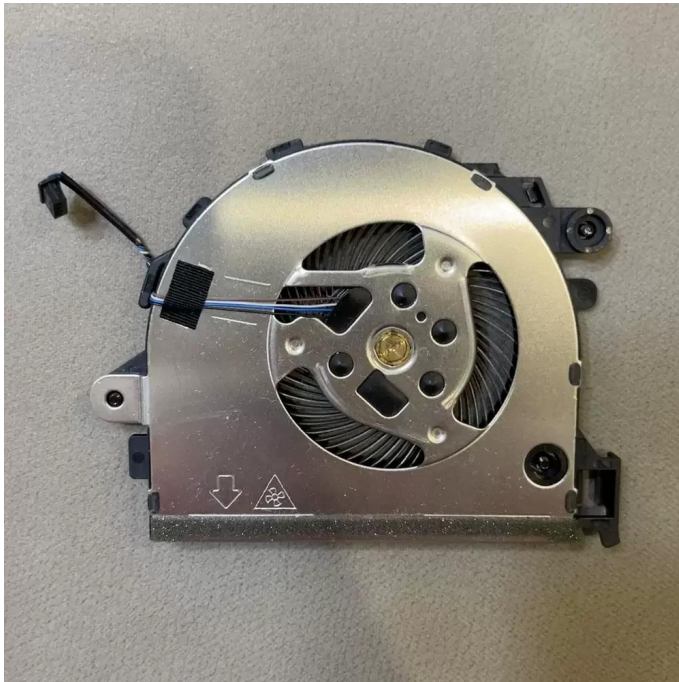


BAPA0705R5HY015 AVC 5VDC Hydraulic Centrifugal Blower Datasheet



Brand: AVC

SKU: [856302362018](#)

Category: Axial & Centrifugal Fans

Price: **\$22.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/bapa0705r5hy015-avc-5vdc-hydraulic-centrifugal-blower>

Product Description

AVC BAPA0705R5HY015 is a 5VDC centrifugal blower optimized for high-density thermal management in ultra-thin mobile computing architectures. Engineered with an advanced DC motor and a precision hydraulic bearing system, this unit minimizes acoustic resonance while maximizing structural rigidity under continuous thermal loads. The aerodynamic impeller design ensures optimal static pressure generation, effectively overcoming the high system impedance characteristic of compact laptop chassis. Drawing 0.50A, it delivers efficient heat dissipation crucial for maintaining processor performance and preventing thermal throttling. This replacement fan is specifically calibrated for seamless integration into HP EliteBook series laptops, providing superior thermal impedance reduction and extending the operational lifespan of critical internal microelectronics.

Model Number: BAPA0705R5HY015

Brand: AVC

Product Type: Centrifugal Blower

Rated Voltage: 5 VDC

Rated Current: 0.50 A

Bearing Type: Hydraulic Bearing

Compatibility: HP Zhan X EliteBook 835, 840, 845 G7 G8, HSN-I37C, I36C-4

Motor Technology: DC Brushless

Termination: Custom Laptop Connector

BAPA0705R5HY015 Applications

1. Ultra-Thin Mobile Computing: Overcomes high system impedance in compact laptop chassis like the HP EliteBook 835/840/845 G7 and G8 series to prevent CPU thermal throttling.
2. Precision OEM Replacement: Serves as an exact acoustic and thermal replacement fan for HSN-I37C and I36C-4 architectures, leveraging its hydraulic bearing for low-vibration, long-lifecycle operation.

Supplemental Images

