

HY45T-05A SEPA 5VDC 45x45x5mm Hydraulic Blower Fan Datasheet



Brand: SEPA

SKU: [738855157201](#)

Category: Axial & Centrifugal Fans

Price: **\$9.99**

E-mail: sales@equipspares.com

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Product Page:

<https://www.equipspares.com/product/hy45t-05a-sepa-5vdc-45x45x5mm-hydraulic-blower-fan>

Product Description

The SEPA HY45T-05A is a Blower Fan engineered for ultra-compact thermal management solutions where vertical clearance is strictly limited. Utilizing advanced DC brushless motor technology paired with a precision Hydraulic bearing system, this unit delivers consistent airflow while minimizing mechanical friction and acoustic resonance. The aerodynamic centrifugal impeller design optimizes static pressure generation, ensuring effective heat dissipation through dense fin stacks found in mobile computing hardware. Its structural rigidity and low thermal impedance make it an ideal component for high-density electronic integration.

Model Number: HY45T-05A

Brand: SEPA

Product Type: Centrifugal Blower Fan

Rated Voltage: 5VDC

Rated Current: 0.25 A

Power Consumption: 1.25 W

Dimensions: 45 x 45 x 5 mm

Bearing Type: Hydraulic (Hypro)

Motor Type: DC Brushless

Airflow Direction: Side Intake, Side Exhaust

Termination: 2-Wire / 3-Wire Leads

Housing Material: Thermoplastic UL94V-0

Blade Material: Thermoplastic UL94V-0

Mounting Orientation: Any

Application: Laptop Cooling, Mobile Electronics

Designed primarily for mobile computing, the HY45T-05A excels in environments requiring ultra-thin thermal solutions, such as notebook computers and ultrabooks. The compact 5mm profile allows the HY45T-05A to fit seamlessly into restricted chassis spaces, providing critical airflow to CPU and GPU heatsinks. Additionally, this model is suitable for portable medical devices, handheld instrumentation, and compact projectors where maintaining low internal temperatures is vital for component longevity and performance stability.

Supplemental Images

