

BAZD0810R5HY008 AVC 5VDC 4-Wire Centrifugal Blower Fan Datasheet



Brand: AVC

SKU: [1014221886965](#)

Category: Axial & Centrifugal Fans

Price: **\$19.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/bazd0810r5hy008-avc-5vdc-4-wire-centrifugal-blower-fan>

Product Description

The AVC BAZD0810R5HY008 is a specialized DC centrifugal fan engineered for precision thermal management in compact electronic assemblies. Utilizing advanced hydraulic bearing architecture, this unit ensures minimal frictional resistance and extended operational longevity under variable thermal loads. The aerodynamic impeller design optimizes static pressure generation, effectively overcoming high thermal impedance within restricted enclosures. Designed with a 4-wire PWM interface, it allows for dynamic speed regulation, balancing acoustic performance with critical heat dissipation requirements for sensitive integrated circuits. This component maintains structural rigidity while delivering consistent airflow, making it an essential solution for maintaining the reliability of high-performance computing hardware.

Model Number: BAZD0810R5HY008

Brand: AVC (Asia Vital Components)

Product Type: Centrifugal Blower Fan

Rated Voltage: 5VDC

Rated Current: 0.60 A

Power Consumption: 3.0 W

Bearing Type: Hydraulic Bearing

Termination: 4-Wire / 4-Pin Connector

Speed Control: PWM (Pulse Width Modulation)

Compatible Part Numbers: FRFFT, 089FT8

Application Compatibility: Dell Inspiron 7710, 5410 Series

Material: PBT (UL94V-0)

Cooling Technology: Active Air Cooling

Mounting Orientation: Horizontal/Vertical

The BAZD0810R5HY008 is specifically calibrated for integration into high-density computing hardware, serving as a critical component for the Dell Inspiron 7710 and 5410 series. Technicians utilize the BAZD0810R5HY008 to restore optimal thermal envelopes in All-In-One systems and mobile workstations where internal airflow is restricted by component density. This blower effectively channels heat away from the CPU and GPU heat sinks, preventing thermal throttling and ensuring system stability during processor-intensive tasks.

Supplemental Images

