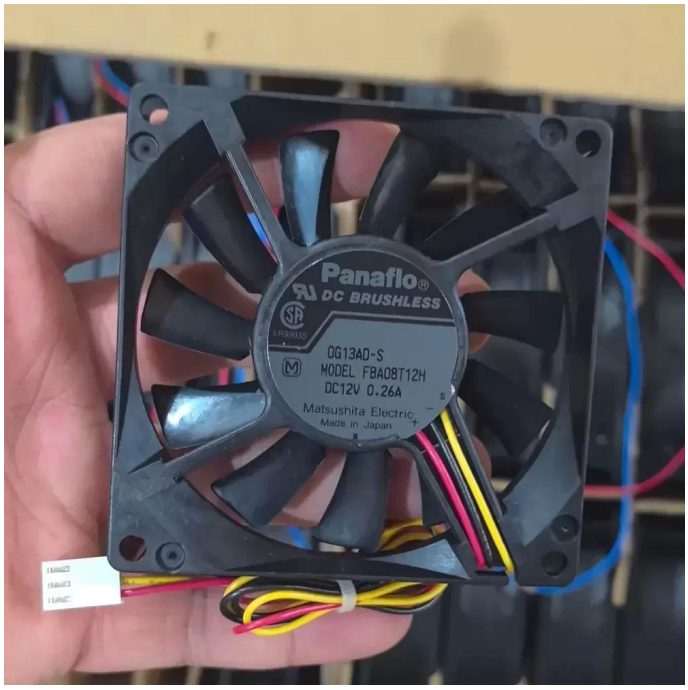
FBA08T12H Panasonic 12VDC 80mm Hydro Wave Axial Fan Datasheet



Brand: Panasonic

SKU: 949231489928

Category: Axial & Centrifugal Fans

Price: **$14.99**

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Product Page:
https://www.equipspares.com/product/fba08t12h-panasonic-12vdc-80mm-hydro-wave-axial-fan

Product Description

The Panasonic FBA08T12H is a DC Axial Fan engineered for critical thermal management in industrial environments. Utilizing Panasonic's proprietary Hydro Wave Bearing technology, this unit minimizes mechanical friction and acoustic noise while significantly extending operational lifespan compared to traditional sleeve bearing architectures. The aerodynamic impeller design optimizes airflow efficiency, effectively reducing thermal impedance within high-density enclosures. Constructed with a robust PBT frame ensuring structural rigidity, the FBA08T12H delivers consistent cooling performance, making it an ideal solution for systems requiring reliable heat dissipation and long-term stability under continuous operation.

Model Number: FBA08T12H
Brand: Panasonic (Panaflo)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 7.0 - 13.8 VDC
Rated Current: 0.26 A
Power: 3.12 W
Rated Speed: 3250 RPM
Bearing Type: Hydro Wave Bearing
Max. Air Flow: 39.4 CFM (67.0 m^3/h / 1.11 m^3/min)

Max. Static Pressure: 3.80 mmH_2O (37.2 Pa / 0.15 inH_2O)
Dimensions: 80 x 80 x 25 mm
Weight: 95 g
Life Expectancy: 50,000 Hours @ 40°C
Noise Level: 34.0 dBA
Termination: 3-Wire Leads with Connector
Speed Control: Tachometer Output
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +60°C
Storage Temperature: -30°C to +70°C
Ingress Protection: IP20

Designed for rigorous duty cycles, the FBA08T12H is frequently deployed in industrial control cabinets, server rack cooling modules, and precision medical instrumentation. Its balanced airflow profile makes the FBA08T12H suitable for power supply ventilation and telecommunications equipment where sustained thermal regulation is critical to prevent component failure.

Supplemental Images