

KFB2348HUU-BM2F Delta 48VDC 225mm Centrifugal Fan Datasheet



Brand: Delta

SKU: [961544237087](#)

Category: Axial & Centrifugal Fans

Price: **\$210.99**

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/kfb2348huu-bm2f-delta-48vdc-225mm-centrifugal-fan>

Product Description

The Delta KFB2348HUU-BM2F is a high-performance Centrifugal Fan designed for critical industrial thermal management systems. Operating at a rated voltage of 48VDC with a substantial current draw of 2.76A, this motorized impeller features advanced backward-curved blade geometry to deliver exceptional static pressure and airflow volume. The unit is constructed with precision dual ball bearings, ensuring minimal friction, reduced vibration, and a significantly extended service life under continuous operation. Engineered for structural rigidity and aerodynamic efficiency, the fan minimizes thermal impedance within high-density electronic enclosures. The KFB2348HUU-BM2F integrates a brushless DC motor optimized for energy efficiency while maintaining robust output, making it a reliable solution for demanding cooling environments.

Model Number: KFB2348HUU-BM2F

Brand: Delta Electronics

Product Type: Centrifugal Fan / Motorized Impeller

Rated Voltage: 48 VDC

Voltage Range: 36.0 - 57.0 VDC

Rated Current: 2.76 A

Power Input: 132.48 W

Rated Speed: 3100 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 780.5 CFM (1326 m³/h)
Max. Static Pressure: 3.21 inH₂O (800 Pa)
Impeller Diameter: 225 mm
Impeller Type: Backward Curved
Motor Type: Brushless DC (BLDC)
Termination: Lead Wires
Housing Material: Die-Cast Aluminum
Blade Material: Reinforced Plastic UL94V-0
Operating Temperature: -20°C to +70°C
Storage Temperature: -40°C to +80°C
Noise Level: 72.5 dB(A)
Life Expectancy: 70,000 Hours at 40°C
Safety Approvals: UL, cUL, TUV, CE

The KFB2348HUU-BM2F is engineered for applications requiring high-pressure airflow to overcome significant system impedance, such as in telecommunications base stations and large-scale server rack cooling. This model is also widely deployed in industrial automation control cabinets and variable frequency drive (VFD) cooling systems where heat dissipation is critical. The robust design of the KFB2348HUU-BM2F ensures consistent performance in medical imaging devices and renewable energy inverters, providing the necessary thermal stability for sensitive electronic components.

Supplemental Images

