



AFB0624HD Delta

Brand: Delta

SKU: AFB0624HD

Category: DC Fans

URL: <https://www.fansco.com/item/afb0624hd-delta/>

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Product Description

AFB0624HD Delta 24VDC 60x60x20mm 16.6CFM 0.189inH₂O(47.1Pa) Ball 28dB(A) 1.2W 4000RPM 2 Wire Leads Locked Rotor Protection DC Fan

The AFB0624HD from Delta Electronics is a two-phase four-pole DC brushless axial flow fan rated at 24VDC with an operation voltage range of 14.0-27.6VDC, featuring 0.05A input current (0.08A max.) and 1.20W power (1.92W max.). It runs at 4000 RPM (reference), delivering max. air flow of 0.470m³/MIN (0.430 min.) at zero static pressure (16.60CFM/15.19 min.) and max. air pressure of 4.80mmH₂O (4.06 min.) at zero air flow, with avg. noise of 28.0dB-A (31.0 max.). Constructed with UL94V-0 plastic frame/impeller and dual ball bearings, weighing 62g, it rotates clockwise with UL1007-F-AWG#24 leads (red+/black-) and an open-type cover. Rated for 70,000 hours at 40°C/15-65%RH, it offers locked rotor protection (96h fire resistance at rated voltage) and polarity reverse protection, operating at 10-70°C (-40-75°C storage) with passed thermal cycling, humidity exposure, and vibration tests. Suitable for heat dissipation in computer servers, communication equipment, industrial control cabinets, and wide-temperature applications like automotive electronics and medical devices, it is manufactured in China/Thailand/Taiwan, free of ozone-depleting substances (PBBs, CFCs, etc.), and requires an external $\geq 4.7\mu\text{F}$ capacitor for parallel operation.

Technical Specifications

Attribute	Value
Model	AFB0624HD
Manufacturer	Delta Electronics
Bearing Type	Ball Bearing
Series	AFB
Voltage Rating	24 VDC
Dimensions	60x60x20 mm
Air Flow	16.6 CFM
Air Flow (m ³)	0.465 m ³ /min
Static Pressure	0.189 in H ₂ O (47.1 Pa)
Features	Locked Rotor Protection

Fan Type	DC
Noise Level	28 dB(A)
Power Rating	1.2 W
Fan Speed	4000 RPM
Termination	2 Wire Leads
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Approval Agency	CE, CSA, UL, VDE
Weight	0.137 lb (62.14 g)
Number of blades	7
Subcategory	DC axial fan





