



## AFB0612VH-A Delta

Brand: Delta

SKU: AFB0612VH-A

Category: DC Axial Fans

URL: <https://www.fansco.com/item/afb0612vh-a-delta/>

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## Product Description

AFB0612VH-A Delta 60x60x25.40mm Ball 12VDC 30.48CFM(0.863m3/min)  
0.345inchH2O(8.76mmH2O) 42.5dB(A) 2.76W 5500RPM 2wireleads fan

This Delta AFB0612VH-A DC brushless axial fan features a two-phase four-pole motor with 12 VDC rated voltage (4.0–13.8 VDC operation range),  $\leq 4.0$  VDC start voltage at 25°C, 0.23 A (max. 0.28 A) input current, and 2.76 W (max. 3.36 W) power consumption. Spinning at 5500 rpm, it delivers 0.863 m<sup>3</sup>/min (min. 0.777 m<sup>3</sup>/min) free-air flow and 8.76 mmH<sub>2</sub>O (min. 7.10 mmH<sub>2</sub>O) max static pressure, with 42.5–46.5 dB(A) noise measured 1 m from intake in an anechoic chamber. Constructed with UL94V-0 plastic frame/impeller and dual ball bearings, it weighs 80 g, operates at 10–70°C (storage -40–75°C), 5–90% RH, and offers 70,000-hour L10 life at 40°C/15–65% RH. Electrical features include impedance-protected locked rotor shutdown, reverse polarity tolerance, UL Class A insulation (10 MΩ min. at 500 VDC), 500 VAC/1 min dielectric strength, and clockwise rotation (nameplate view). Fitted with UL1007-F AWG24 leads (red+/black-), it meets ozone-depleting substance restrictions, with production in China/Taiwan/Thailand. Dimensions: 60×60×25.4 mm (±0.5 mm), with P&Q curve and mounting notes emphasizing proper polarity, vibration control, and environmental protection.

## Technical Specifications

Attribute	Value
Part Number	AFB0612VH-A
Manufacturer	Delta Electronics
Power Rating	2.76 W
Approval Agency	CE, CSA, UL, VDE
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Features	Locked Rotor Protection
Series	AFB
Air Flow (m3)	0.863 m3/min
Dimensions	60x60x25.40 mm
Termination	2 wire leads
Fan Speed	5500 RPM

Fan Type	DC
Static Pressure	0.345 inchH2O (8.76mmH2O)
Noise Level	42.5 dB(A)
Air Flow	30.48 CFM
Voltage Rating	12 VDC
Bearing Type	Ball Bearing
Weight	0.176 lb (80.00 g)
Category	Axial
Current Rating	0.23 A
Operating Voltage	4 ~ 13.8 VDC
Material Frame	Plastic
Material Blade	Plastic
Lifetime @ Temp	70000 Hrs @ 40°C





