



## AFB1224HHE-R00 Delta

Brand: Delta

SKU: AFB1224HHE-R00

Category: DC Axial Fans

URL: <https://www.fansco.com/item/afb1224hhe-r00-delta/>

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## Product Description

AFB1224HHE-R00 Delta 120x120x38mm Ball 24VDC 120.07CFM(3.400m<sup>3</sup>/min) 0.354inchH<sub>2</sub>O(9.00mmH<sub>2</sub>O) 44.0dB(A) 7.20W 2900RPM 3-wire leads fan

Delta AFB1224HHE-R00 is a DC brushless axial flow fan with a nominal voltage of 24VDC (operating voltage 7.0-27.6VDC), maximum input current of 0.45A, power of 10.80W, and rotational speed of 2900RPM. It delivers a maximum air flow of 3.400m<sup>3</sup>/min (minimum 3.130m<sup>3</sup>/min) and maximum static pressure of 9.00mmH<sub>2</sub>O (minimum 7.62mmH<sub>2</sub>O), with an average acoustic noise of 44.0dB(A) (maximum 47.0dB(A)). The frame and impeller are made of UL 94V-0 flame-retardant plastic, equipped with double ball bearings, weighing 256g, and rotating clockwise when viewed from the nameplate side. It uses UL 1007-F AWG#24 leads (red+ black- blue lock signal), operates at -10°C to 60°C, stores at -40°C to 75°C, and features locked rotor protection (preventing fire within 96h of lock-up) and reverse polarity protection, with a 70,000-hour lifespan at 40°C/15%-65%RH. Supporting rotation detect (RD) signal output in open collector mode, it is suitable for industrial equipment cooling requiring moderate air flow.

## Technical Specifications

Attribute	Value
Part Number	AFB1224HHE-R00
Manufacturer	Delta Electronics
Fan Type	DC
Approval Agency	CE, CSA, UL, VDE
Operating Temperature	14 ~ 140°F (-10 ~ 60°C)
Features	Locked Rotor Sensor
Series	AFB
Air Flow (m <sup>3</sup> )	3.400 m <sup>3</sup> /min
Dimensions	120x120x38 mm
Termination	3 wire leads
Fan Speed	2900 RPM
Power Rating	7.20 W

Noise Level	44.0 dB(A)
Static Pressure	0.354 inchH2O (9.00mmH2O)
Air Flow	120.07 CFM
Voltage Rating	24 VDC
Bearing Type	Ball Bearing
Weight	0.565 lb (256.28 g)
Category	Axial
Current Rating	0.30 A
Operating Voltage	7 ~ 27.6 VDC
Material Frame	Plastic
Lifetime @ Temp	70000 Hrs @ 40°C







