

AFB1212HHE-4L15 Delta DC12V 0.7A 4-wire cooling fan

SKU: AFB1212HHE-4L15

Price: \$9.99

Categories: Fans

Tags: Delta

Product Link:

<https://www.electspares.com/product/afb1212hhe-4l15-delta-dc12v-0-7a-4-wire-cooling-fan/>

Product Description

Delta AFB1212HHE-4L15 New Original 12V 0.7A 12038 4-wire cooling fan

Model Number: AFB1212HHE-4L15

Manufacturer: Delta Electronics

Series: AFB

Fan Type: DC Brushless Axial Fan

Dimensions L x H x W: 120 mm x 120 mm x 38 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 10.8 VDC to 13.2 VDC

Rated Current: 0.4 A

Input Power: 4.8 W

Wiring: 4 Wire Leads

Bearing Type: Dual Ball Bearing

Rotational Speed RPM: 2900 RPM

Maximum Airflow: 120.1 CFM

Maximum Static Pressure: 0.354 in H2O

Noise Level: 44 dBA

Frame Material: Plastic

Impeller Blade Material: Plastic

Control Functions: PWM Speed Control, Speed Sensor

Protection Functions: Locked Rotor Protection, Over Current Protection, Polarity Protection

Operating Temperature Range: -10°C to +70°C

Expected Life: 70,000 Hours at 40°C

Mass: Approximately 257 g

Safety Approvals: CE, CSA, UL, VDE

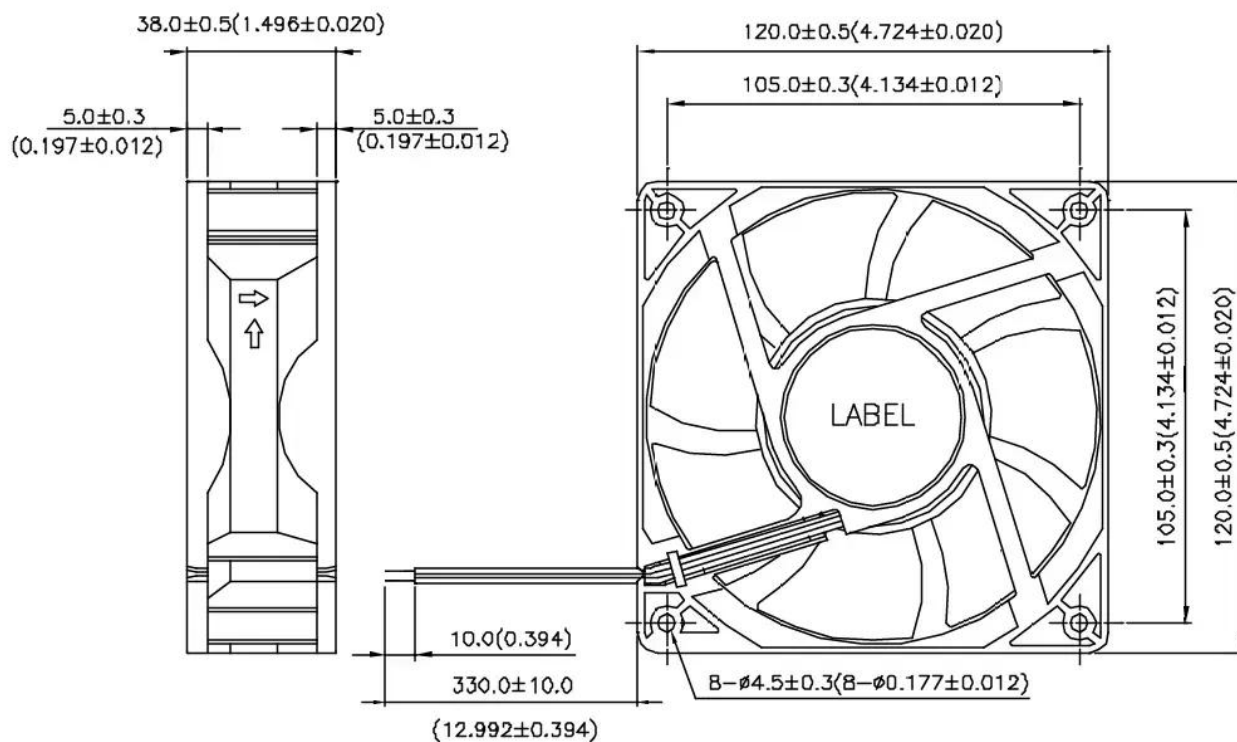
The Delta AFB1212HHE-4L15 is a high-performance 120x120x38mm DC axial fan from Delta's AFB series, engineered for efficient and controllable cooling. Operating on 12VDC, it consumes 4.8W of power with a current draw of 0.4A. This fan features durable dual ball bearings for extended reliability and a long operational life of 70,000 hours at 40°C. It delivers a substantial airflow of 120.1 CFM at 2900 RPM, generating a good static pressure of 0.354 in H₂O, with a moderate noise level of 44 dBA.

Its 4-wire configuration is a key feature, providing both PWM speed control for precise fan speed adjustment based on workload and a speed sensor for real-time monitoring of fan operation. The fan also includes robust locked rotor protection, over current protection, and polarity protection, ensuring enhanced system reliability and safety.

This fan is an excellent choice for cooling applications in servers, data centers, high-performance workstations, power supplies, and industrial equipment where effective thermal management with intelligent control and comprehensive protection features are paramount.

Product Images





ITEM	DESCRIPTION
RATED VOLTAGE	12 VDC
OPERATION VOLTAGE	4.0 - 13.2 VDC
INPUT CURRENT	0.46 (MAX. 0.70) A
INPUT POWER	5.52 (MAX. 8.40) W
SPEED	2900 R.P.M. (REF.)
MAX. AIR FLOW (AT ZERO STATIC PRESSURE)	3.400 (MIN. 3.130) M ³ /MIN. 120.07 (MIN. 110.53) CFM
MAX. AIR PRESSURE (AT ZERO AIRFLOW)	9.00 (MIN. 7.82) mmH ₂ O 0.354 (MIN. 0.300) inchH ₂ O
ACOUSTICAL NOISE (AVG.)	44.0 (MAX. 47.0) dB-A
INSULATION TYPE	UL: CLASS A

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