



Delta 120x120x25mm FFC1212D-PWM High Quality Brushless DC Air Cooling Fan

\$34.95

Product Images



Short Description

Premium quality cooling fan with industrial strength made by one of the best known electronic manufacturers in the world, Delta Electronics, this 120 x 120 x 25mm PWM high-quality brushless DC air cooling fan will give you 150 CFM of directional air flow at maximum speed, yet quietness when under less load thanks to the smart and automatic fan speed control via PWM connection.

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Fan speed is 4000 RPM with a corresponding air flow of 150.33 CFM (4.257 M³/Min.), and noise level of 56.4 dBA. Air pressure is 12.43 mm-H₂O or 0.489 in-H₂O. Rated voltage is 12VDC, and operating voltage is 10.8 to 12.6VDC. Input power is 1.45A at 17.4W. Maximum power consumption is 1.68A at 20.16W. A premium quality dual ball bearing is in place to ensure an exceptionally long life and extra high performance. Unique directional fin design will concentrate airflow more to where it is supposed to go.

The fan will be at its maximum speed of 4000 RPM at 100% duty cycle, 2450 RPM at 50% duty cycle, 1150 RPM at 20% duty cycle, or 0 RPM at 0% duty cycle. The frequency for the control signal of the fan will be able to accept 30HZ to 300KHZ. Preferred operating point for the fan is 20KHZ, and at 20KHZ 30% duty cycle the fan will be able to start from a dead stop. Fan speed will default to maximum when the speed control input is left unconnected. The fan will start at low speed and reach full speed in about 10 seconds.

Safety approvals include CE, CSA, UL, VDE, and RoHS. No ozone-depleting substances such as PBBs, PBBOs, CFCs, PBBEs, PBDPEs, or HCFCs.

This fan has 4 wire leads with 4 pin PWM connector, and wire length is approximately 13 inches. Please make sure enough power is supplied to this fan in operation if you like to reach its maximum speed. Please exercise caution when handling this fan in operation due to its high speed.

Specifications

Fan Size: Delta 120x120x25mm

Rated Voltage: 12VDC

Fan Speed: 4000 RPM

Operating Current: 1.45A

Air Flow: 150.3 CFM

Noise Level: 56.4 dBA

Bearing Type: Dual Ball Bearing

Fan Type: Tube Axial

Connector Type: 4 Wire Leads
Material Frame: Plastic
Material Blade: Plastic

Additional Information

Brand	Delta Electronics
SKU	FFC1212D-PWM
Weight	0.5000
Color	Black
Fan Dimensions	120mm
Fan Width	25mm
Fan Connection	4-Pin PWM
Fan Voltage	12 VDC
Fan RPM	4000
Fan CFM	150
Fan Noise (dB)	56

