



EFB0424VHD-R00 Delta

Brand: Delta

SKU: EFB0424VHD-R00

Category: DC Axial Fans

URL: <https://www.fansco.com/item/efb0424vhd-r00-delta/>

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Product Description

EFB0424VHD-R00 Delta 40x40x20mm Ball 24VDC 10.10CFM(0.286m³/min)
0.416inchH₂O(10.57mmH₂O) 32.5dB(A) 2.16W 9000RPM 3wireleads fan

Delta EFB0424VHD-R00 is a DC brushless axial flow fan with a nominal voltage of 24VDC (operating voltage 14.0-27.6VDC), maximum input current of 0.14A, power of 3.36W, and rotational speed of 9000RPM. It delivers a maximum air flow of 0.286m³/min (minimum 0.262m³/min) and maximum static pressure of 10.57mmH₂O (minimum 8.76mmH₂O), with an average acoustic noise of 32.5dB(A) (maximum 36.0dB(A)). Measuring 40.0×20.0×10.0mm and weighing 33g, the frame and impeller are made of UL 94V-0 flame-retardant plastic, equipped with double ball bearings and rotating clockwise when viewed from the nameplate side. It uses UL 1061-F AWG#24 leads (red for positive, black for negative, blue for lock signal), operates at -10°C to 70°C, stores at -40°C to 75°C, and has a working humidity of 5%-90%RH. With locked rotor protection (preventing fire within 96 hours of lock-up) and reverse polarity protection, it has a lifespan of 70,000 hours at 40°C and 15%-65%RH, supporting a rotation detect (RD) signal in open collector mode, suitable for high-speed low-power cooling in small devices.

Technical Specifications

Attribute	Value
Model	EFB0424VHD-R00
Manufacturer	Delta Electronics
Dimensions	40x40x20 mm
Power Rating	2.16 W
Approval Agency	CE, CSA, UL, VDE
Operating Temperature	14 ~ 158°F (-10 ~ 70°C)
Features	Locked Rotor Sensor
Series	EFB
Air Flow (m ³)	0.286 m ³ /min
Termination	3 wire leads
Fan Speed	9000 RPM
Fan Type	DC

Static Pressure	0.416 inchH2O (10.57 mmH2O)
Noise Level	32.5 dB(A)
Air Flow	10.10 CFM
Voltage Rating	24 VDC
Bearing Type	Ball Bearing
Weight	0.073 lb (33.11 g)
Category	Axial
Current Rating	0.09 A
Operating Voltage	14 ~ 27.6 VDC
Material Frame	Plastic
Material Blade	Plastic
Lifetime @ Temp	70000 Hrs @ 40°C
Subcategory	DC axial compact fan





