



4412H ebmpapst

Brand: ebmpapst

SKU: 4412H

Category: Axial compact fans

URL: <https://www.fansco.com/item/4412h-ebmpapst/>

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Product Description

4412H ebmpapst DC 7~14V 240m³/h 119x119x38mm 50dB(A) 6B 50dB(A) 12VDC 0.72A 8.6W 4300RPM Ball Bearing 2-Wire Leads axial compact fan

The 4412 H is a DC axial compact fan from ebmpapst, designed for high-airflow heat dissipation scenarios. It features a 12VDC nominal voltage (7-14VDC range), 4300rpm speed, 8.6W power consumption, and an operating temperature range of -20°C to 70°C, delivering 240m³/h air flow with a sound power level of 6.0B and sound pressure level of 50dB(A). With dimensions of 119x119x38mm and a weight of 0.25kg, it uses a glass-fiber reinforced PBT plastic housing and glass-fiber reinforced PA plastic impeller, with airflow directed as exhaust over struts and a clockwise rotation (when viewed toward the rotor). Equipped with ball bearings, it offers L10 service life of 57,500 hours at 40°C and 27,500 hours at maximum temperature. The fan comes with AWG24 stripped and tin-plated leads, supports reverse polarity and blocked rotor protection, and offers optional control inputs, alarm, and speed signals. Certified by VDE, CE, and other standards, it is suitable for industrial equipment and compact spaces requiring high heat dissipation.

Technical Specifications

Attribute	Value
Part Number	4412H
Manufacturer	ebm-papst
Air Flow	141.3 CFM
Voltage Range	7~14V
Fan Type	DC
Noise Level	50 dB(A)
Sound power level	6B
Dimensions	119x119x38 mm
Air Flow (m ³)	3.96m ³ /min
Series	4400
Voltage Rating	12 VDC
Bearing Type	Ball Bearing

Features	Locked Rotor Protection
Power Rating	8.6 W
Fan Speed	4300 RPM
Termination	2 Wire Leads
Operating Temperature	-4 ~ 158°F (-20 ~ 70°C)
Weight	0.553 lb (250.84 g)
Subcategory	Tubeaxial
Subcategory	DC axial compact fan



