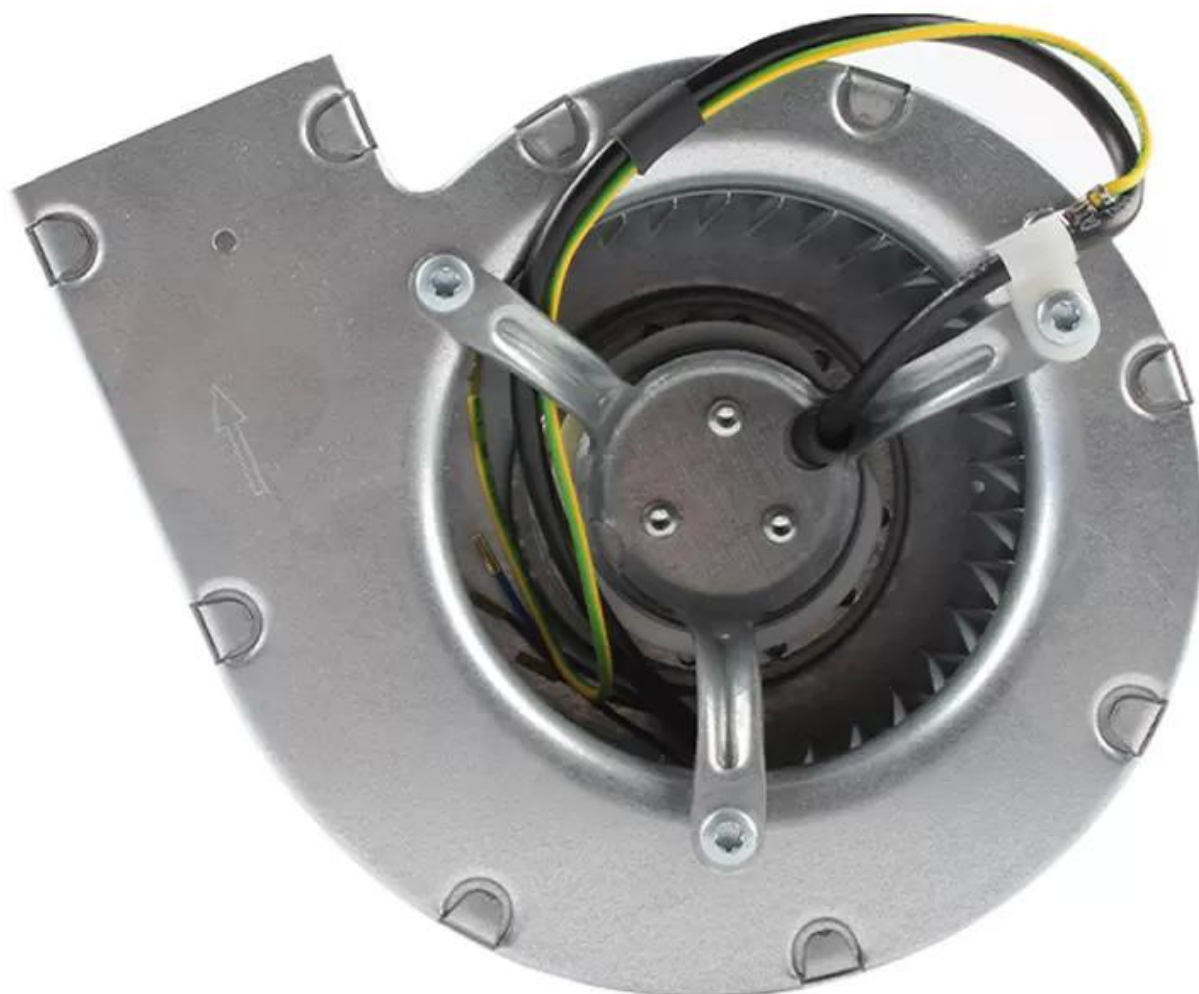




D2E097-CB01-02 ebmpapst

Brand: ebmpapst

SKU: D2E097-CB01-02

Category: AC Fans

URL: <https://www.fansco.com/item/d2e097-cb01-02-ebmpapst/>

Contact: sales@fansco.com

Product Description

D2E097-CB01-02 ebmpapst 230VAC 144x137x140mm 106CFM Ball 47dB(A)
42W 2 Wire Leads Blower, Centrifugal AC Fan

The D2E097-CB01-02 is an AC centrifugal fan with a forward-curved, dual-intake design and housing (without flange), manufactured by ebm-papst Mulfingen GmbH & Co. KG. Featuring the M2E042-CA motor, it operates on a nominal voltage of 230 VAC for both 50 Hz and 60 Hz frequencies, with a speed of 1650 rpm, power consumption of 42 W, and current draw of 0.19 A (50 Hz) / 0.20 A (60 Hz). The fan includes a 1.5 µF capacitor rated for 400 VDC (S2 CE standard), suitable for ambient temperatures ranging from -25°C to 50°C (50 Hz) or 55°C (60 Hz) during operation. Weighing 1.1 kg with a 97 mm fan size, it has a hot-dip galvanized sheet steel impeller and housing, rotating counterclockwise when viewed toward the rotor. The IP44 protection rating (installation/position-dependent), insulation class "B", and ball bearings ensure reliable performance. It allows any installation position, includes a thermal overload protector, and meets EN 60335-1, CE, and CCC standards. The fan is connected via a 3x0.25 mm² PVC wire with crimped splices (U1: blue, Z: brown, U2: black, PE: green/yellow), suitable for various applications requiring dual-intake airflow with specified thermal and electrical protections.

Technical Specifications

Attribute	Value
Part Number	D2E097-CB01-02
Manufacturer	ebm-papst
Series	D2E097
Fan Type	AC
Voltage Rating	230 VAC
Dimensions	144x137x140 mm
Air Flow	106 CFM
Air Flow (m3)	2.97m ³ /min
Bearing Type	Ball Bearing
Subcategory	Blower, Centrifugal
Noise Level	47 dB(A)

Power Rating	42 W
Termination	2 Wire Leads
Weight	2.9 lbs (1.3 kg)







