



W2E200-HH86-01 ebmpapst

Brand: ebmpapst

SKU: W2E200-HH86-01

Category: AC Fans

URL: <https://www.fansco.com/item/w2e200-hh86-01-ebmpapst/>

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Product Description

W2E200-HH86-01 ebmpapst 115VAC 225x225x80mm 607CFM Ball 61dB(A) 80W 2800RPM Terminal Block Tubeaxial AC Fan

The W2E200-HH86-01 AC axial compact fan from ebm-papst's S series with sickle-shaped blades is designed for 115VAC single-phase power, available in 50Hz/60Hz operation modes. It delivers 2550rpm/64W/0.58A at 50Hz (100Pa max. back pressure) and 2800rpm/80W/0.70A at 60Hz (120Pa max. back pressure), both with 5µF/220VDB capacitors, operating at -25°C to 60°C (-25°C to 65°C for 60Hz). The 200mm-diameter, 2.1kg fan features 9 black-painted steel sheet blades and a die-cast aluminum housing, with IP44 protection (installation-position dependent) and Class B insulation for dry environments (H0). It supports arbitrary installation, employs ball bearings (S1 mode), and integrates a TOP thermal overload protector, connecting via terminals with built-in capacitor. Air performance includes max. 925m³/h (0Pa)/555m³/h at 80Pa for 50Hz, and 1020m³/h (0Pa)/555m³/h at 90Pa for 60Hz, measured per ISO 5801. Certified by UL 507, CSA, VDE, etc., it suits ventilation and heat dissipation in industrial equipment under dry conditions, with installation impacts on performance noted.

Technical Specifications

Attribute	Value
Part Number	W2E200-HH86-01
Manufacturer	ebm-papst
Series	W2E200H
Fan Type	AC
Voltage Rating	115 VAC
Dimensions	225x225x80 mm
Air Flow	607 CFM
Air Flow (m3)	17.00m³/min
Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Noise Level	61 dB(A)
Power Rating	80 W

Fan Speed	2800 RPM
Termination	Terminal Block
Approval Agency	CCC, CE, CSA, EAC, UL, VDE
Weight	4.7 lbs (2.1 kg)