



W2E250-HL08-07 ebmpapst

Brand: ebmpapst

SKU: W2E250-HL08-07

Category: AC Fans

URL: <https://www.fansco.com/item/w2e250-hl08-07-ebmpapst/>

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Product Description

W2E250-HL08-07 ebmpapst 115VAC 280x280x80mm Ball 175W 2650RPM IP44
Terminal Block Tubeaxial AC Fan

The W2E250-HL08-07 AC axial compact fan from ebm-papst's S series with sickled blades is designed for 115VAC single-phase power, featuring three operation modes: 2500rpm/120W/1.05A at 50Hz (130Pa max. back pressure, -25°C to 50°C); 2650rpm/165W/1.45A at 60Hz (90Pa, -25°C to 30°C); and 2650rpm/175W/1.47A at 60Hz (UL 2111 certified, same back pressure and temperature as 60Hz standard). The 250mm-size fan (2.78kg) incorporates 7 black-coated steel sheet blades and a die-cast aluminium wall ring, with black-coated rotor surface, IP44 protection, Class B insulation, and supports arbitrary mounting. It features ball bearings (S1 duty), integrated TOP thermal overload protector, 12µF/220VDB capacitor connected via terminal strips, variable cable exit, and Class I protection (customer-provided PE grounding). Air performance includes 1865m³/h (0Pa)/895m³/h at 110Pa for 50Hz, and 1985m³/h (0Pa)/1225m³/h at 90Pa for 60Hz, measured per ISO 5801. Certified to EN 60335-1, CE, UL 2111, and CSA C22.2 No.77, it suits industrial ventilation applications.

Technical Specifications

Attribute	Value
Part Number	W2E250-HL08-07
Manufacturer	ebm-papst
Series	W2E250
Fan Type	AC
Voltage Rating	115 VAC
Dimensions	280x280x80 mm
Bearing Type	Ball Bearing
Subcategory	Tubeaxial
Power Rating	175 W
Fan Speed	2650 RPM
Termination	Terminal Block
IP Rating	IP44

Operating Temperature	-13 ~ 86°F (-25 ~ 30°C)
Approval Agency	CSA, UL
Weight	6.1 lbs (2.8 kg)