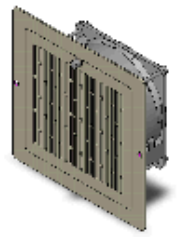
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R87B-FA3A15HPF



*3D-CAD CG View

Ratings / Performance

Ratings

Rated voltage	115 V AC (50/60 Hz)
Permitted voltage fluctuation range	85 to 110% of rated voltage
Rated current (Nominal value)	50Hz: 0.200 A 60Hz: 0.180 A
Rated input (Nominal value)	50Hz: 15 W 60Hz: 14 W
Rated rotational speed (Nominal value)	50Hz: 2700 r/min 60Hz: 3100 r/min
Max. flow rate (Nominal value)	50Hz: 1.30 m**3/min 60Hz: 1.50 m**3/min
Max. static pressure (Nominal value)	50Hz: 91 Pa 60Hz: 85 Pa
Noise (Nominal value)	50Hz: 49 dB 60Hz: 52 dB

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Characteristics

Motor type	Single-phase shading coil induction motor (2-pole, open type)
Rotation speed	High speed
size	180 x 180 x 73.1 mm
Lead terminal	Terminal type
Insulation class	IEC class B (130 CEL) UL class A (105 CEL) CSA class A (105 CEL)

Insulation registance	Between power supply terminals and flame.: 100 M Ohm min. (at 500 V DC)
Dielectric withstand voltage	Between power supply terminals and flame.: 2000 V AC 50/60 Hz for 1 min
Ambient operating temperature	-30 to +70 CEL (with no icing)
Ambient storage temperature	-40 to +85 CEL (with no icing)
Ambient operatoing humidity	25% to 85% RH
Protection during lock period	Impedance protection
Mounted fan	Plastic blades axial-flow fan
Air direction	Inlet
Number of fan	1 fan
Material	Frame: Die-cast Aluminum Blades: PC
Bearings	Ball bearing
Filter caracteristics	Material: PUR Heat resistant temperature: 100 CEL max. Filtration wind speed: 2.5 m/s Pressure drop: Beginning : 49Pa ,Final : 70Pa Dust removal rate: 70% min. Dust pick-up rate: 800 g/m2 min.
Weight	Approx. 1120 g
Compliant standards	PSE EN/IEC 60335 (CE self-declaration)
Certified standards	UL/CSA
Accessories	Instruction Manual / Mounting Screw / Hexagon Nut / Plain Washer / Spring Washer / Plug Cord / Finger Guard / Filter

As of March 27, 2009

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