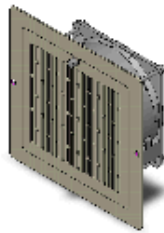




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## R87B-FA3A15HPF



\*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 <sup>3</sup> /min 60Hz: 1.50 m <sup>3</sup> /min
Max. static pressure (Nominal value)	50Hz: 91 Pa 60Hz: 85 Pa
Noise (Nominal value)	50Hz: 49 dB 60Hz: 52 dB

#### 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)

<b>Insulation resistance</b>	Between power supply terminals and flame.: 100 M Ohm min. (at 500 V DC)
<b>Dielectric withstand voltage</b>	Between power supply terminals and flame.: 2000 V AC 50/60 Hz for 1 min
<b>Ambient operating temperature</b>	-30 to +70 CEL (with no icing)
<b>Ambient storage temperature</b>	-40 to +85 CEL (with no icing)
<b>Ambient operating humidity</b>	25% to 85% RH
<b>Protection during lock period</b>	Impedance protection
<b>Mounted fan</b>	Plastic blades axial-flow fan
<b>Air direction</b>	Inlet
<b>Number of fan</b>	1 fan
<b>Material</b>	Frame: Die-cast Aluminum Blades: PC
<b>Bearings</b>	Ball bearing
<b>Filter characteristics</b>	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.
<b>Weight</b>	Approx. 1120 g
<b>Compliant standards</b>	PSE EN/IEC 60335 (CE self-declaration)
<b>Certified standards</b>	UL/CSA
<b>Accessories</b>	Instruction Manual / Mounting Screw / Hexagon Nut / Plain Washer / Spring Washer / Plug Cord / Finger Guard / Filter

As of March 27, 2009

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