

Max. Air Flow: 210 / 235 CFM (356 / 399 m³/h)

Max. Static Pressure: 0.55 / 0.68 inH₂O (137 / 169 Pa)

Dimensions: 172mm x 150mm x 38mm

Weight: 840 g

Noise Level: 50 / 55 dBA

Housing Material: Aluminum Die-Cast

Impeller Material: Thermoplastic PBT (UL94V-0)

Motor Type: Capacitor-Run Induction Motor

Termination: Lead Wires

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +80°C

Sensor Type: RD (Rotation Detector / Alarm Signal)

Insulation Resistance: 100M Ohm at 500VDC

Dielectric Strength: 1500VAC for 1 Minute

Life Expectancy: 50,000 Hours at 25°C

The 5E-230B-RD is extensively utilized in industrial automation and power distribution sectors where reliable thermal management is paramount. Common deployment scenarios include server rack cooling, CNC machinery control cabinets, and heavy-duty telecommunications infrastructure. The 5E-230B-RD excels in maintaining optimal operating temperatures for sensitive electronic components, preventing thermal throttling in medical instrumentation and power inverters. Its rugged design also suits ventilation systems in manufacturing facilities requiring consistent air exchange and status monitoring.

Supplemental Images

