



KRYO™ FAN MOTORS KEEP YOUR PRODUCE FARM-FRESH EFFICIENTLY

Kryo SSC® EC motors are used primarily in commercial refrigeration evaporators and condensers but with peak efficiencies 3-times higher than shaded pole motors and 45% higher than PSC motors, these motors can be used in many other applications requiring market-leading efficiency and reliability. The Kryo SSC motor provides the most reliable and best energy savings solution available today and are available with mounting brackets, fan blades, and fan assembly hardware.

KRYO™ SSC® FAN MOTOR

FEATURES

- Energy efficient ECM.
- IP65/IP66 environmental certification.
- ATEX certified to EN60079.

BENEFITS

- Low-power consumption for maximum efficiency.
- › Constant rotational speed for functional consistency.
- No water intrusion during pressurized equipment wash down sanitation.
- Can be used in applications with flammable refrigerants.

KRYO™ SSC® RD FAN MOTOR

FEATURES

- Timed profile operation - programmable set speeds (i.e. timed operation, timed speed changes). Runs various energy savings profiles without the need for an additional controller.
- Stand by mode, to reduce start-up powering of drive (for improved reliability).
- Compressor relay detection, utilizes compressor relay for system savings.
- Universal voltage - One motor recognizes 115 or 230 volt requirements.

KRYO™ SSC® VS FAN MOTOR

FEATURES

- 0-24 Volt DC control interface (external 24VDC power source required). Five input connections, 0-24V control signal, and DC common/ground.
- Discrete speed tables - over 10 speeds available per customer spec or linear speed options available from 500-1800 RPM.
- Universal voltage - one motor recognizes 115 or 230 volt requirements.

FEATURE	SSC® MOTOR	SSC-RD MOTOR	SSC-VS MOTOR
Peak Efficiency	68%	70%	70%
Timed Profile Operation		√	
Lower Audible Noise		√	√
Low Profile	√	√	√
Reduced in-rush events using profile operation		√	
0-24V Control Interface			√
Universal Voltage		√	√
Blak Box® Motor Capability		√	√



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APPLICATION CONSIDERATIONS

The proper selection and application of power transmission products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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