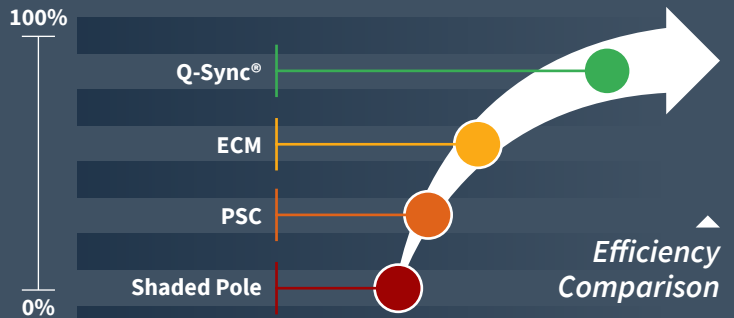




Breakthrough Motor Efficiency

Q-Sync® 50W Motors (60 Hz) Constant Speed

Reduce total cost of ownership with patented motor control technology, industry-leading efficiency, long operating life, ease of installation, and rebate eligibility.



Q-Sync® Advantages

- ✓ Water resistant housing for carefree cleaning (IP65 Certified)
- ✓ Constant airflow and constant power maintain desired set temperatures
- ✓ Less heat generated reduces the load on the refrigeration system
- ✓ Quieter motors enhance customer experience



Industry-leading efficiency



Design life of >10 years



Ease of Install



Rebate-friendly



Selected Q-Sync® Constant Speed Motor Applications

50W fan motors for:

- Walk-in Food Coolers
- External Rack Units
- Gas Evacuation Systems
- Radon Mitigation Systems



Walk-in Food Coolers



Gas Evacuation Systems



External Rack Units



Radon Mitigation Systems

Q-Sync® Product Features

More Energy Efficient

- ✓ Fewer watts consumed compared to other motors
- ✓ Less heat generated by the motor, reducing thermal stress on the refrigeration system

Longer Life and Higher Reliability

- ✓ Design life is > 10 years
- ✓ Innovative and patented design results in 99% less duty cycle on electronics and increased surge protection
- ✓ Engineered to eliminate a start-stop capacitor which is a common failure point in other motors
- ✓ Lower in-rush current and better surge protection (up to 6000V)
- ✓ IP65 Certified (water and dust resistant)
- ✓ Built with extended life bearings

Easier to Install

- ✓ A 16" cord with straight Lyall plug is standard
- ✓ Standard front and rear mounting options



Q-Sync® is recognized by the US Department of Energy as a High Impact Technology For Commercial Refrigeration



How Q-Sync® Patented PMSM Technology Works

QM Power's innovative design is the biggest breakthrough in motor technology in more than 50 years. Q-Sync® circuitry **eliminates the need for electronic commutation to keep the motor spinning.**

By operating the motor at the same frequency as the AC power line and **eliminating the AC to DC power conversions** from its circuit (no AC-to-DC rectifier, no DC link, and no DC-to-AC inverter), **Q-Sync® delivers unparalleled energy savings.**