



# Breakthrough Motor Efficiency

from Q-Sync's® Patented Control Technologies



# QM Power is an innovative market disruptor in energy efficient motors and control technologies.

We foster strong **industry relationships** to bring these innovations to market.

With over **65 patents worldwide** awarded based on the efforts of internal talent, we also work closely with our academic and industry alliances.

Our focus is to **reimagine** and create **new technologies** rather than to improve on current technology.

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



Industry-leading efficiency



Design life of >10 years



Ease of Install



Rebate-friendly

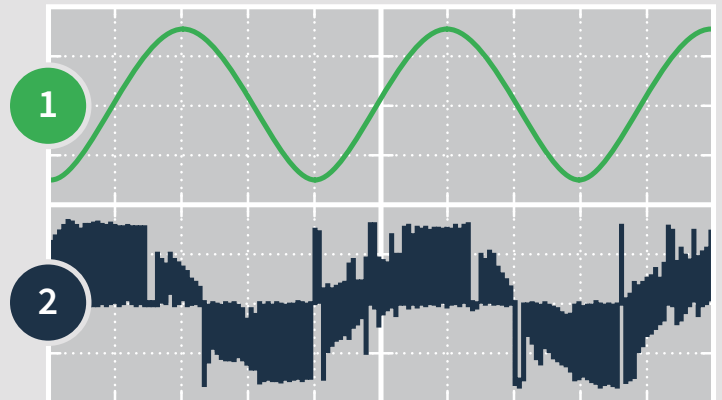
Available in both fixed speed and variable speed



## How Q-Sync® Patented Control 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



### 1 Q-Sync®

*Q-Sync® maximizes efficiency from direct motor-to-AC line connection at full speed*

### 2 ECM

*Other systems have less efficient and constant power conversions*



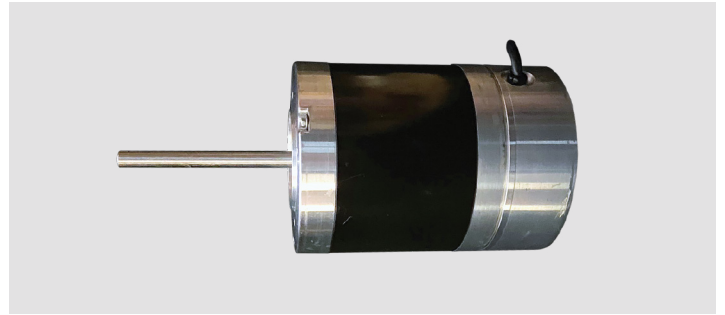
Q-Sync® is recognized by the US Department of Energy as a High Impact Technology For Commercial Refrigeration

# Current Product Range



## Q-Sync®

6-50W Motors and Fan Assemblies



## Q-Sync® VS

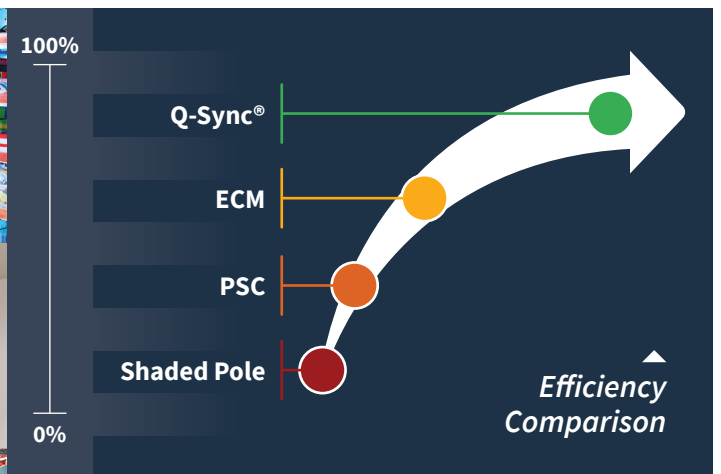
1/4 - 1/2 HP Motors

# Applications

## Q-Sync®

### Constant Speed Motors

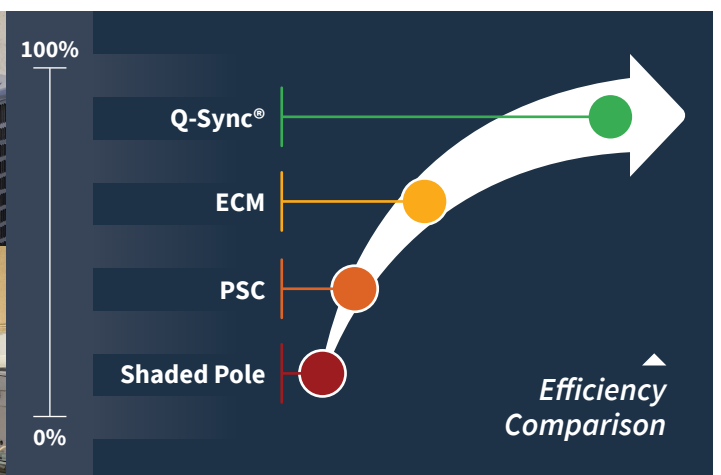
- Display Cases
- Walk-in Coolers & Freezers
- Commercial Fans



## Q-Sync® VS

### Variable Speed Motors

- Light Industrial Fans
- Commercial Fans
- HVAC/R Fans





**Call us today to discuss putting the world's most efficient control technologies to work for you. Sample motors for testing are available to ship today. Contact our sales team to set up a pilot.**

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