



TECHNICAL DATA SHEET

Breakthrough Motor Efficiency from Q-Sync's Patented Control Technologies

The Next Big Leap in Efficiency is Here

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



Q-Sync® 12W 60Hz

PRODUCT SPECIFICATIONS

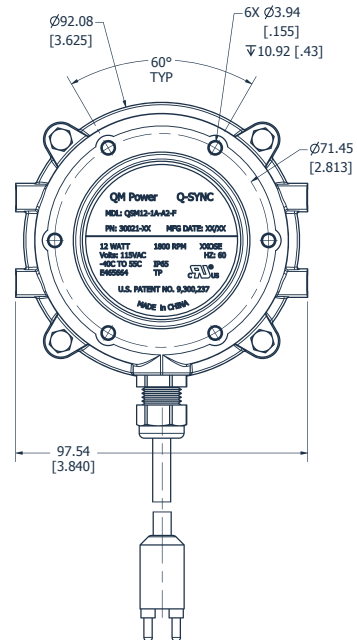
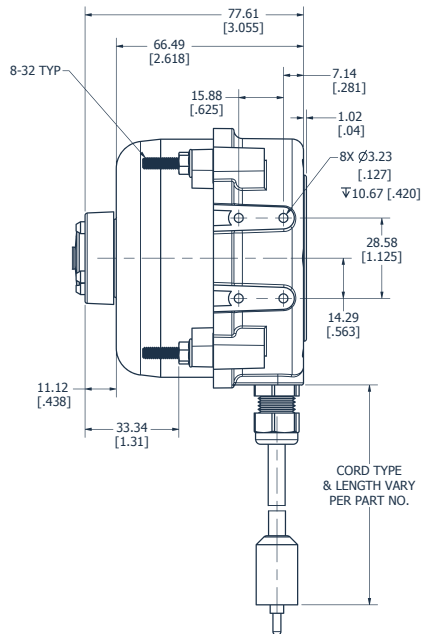
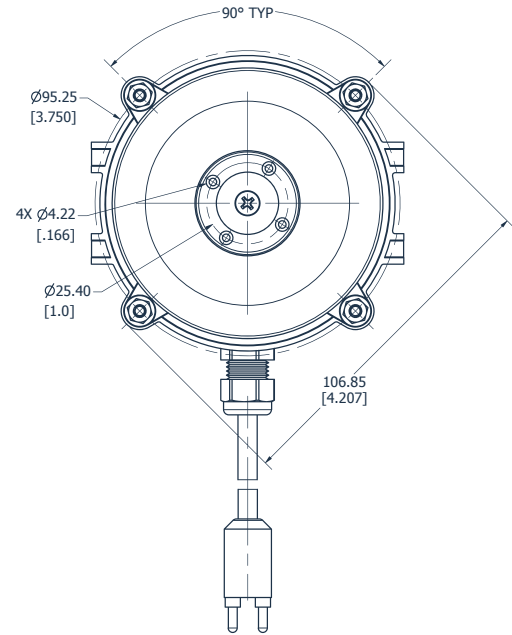
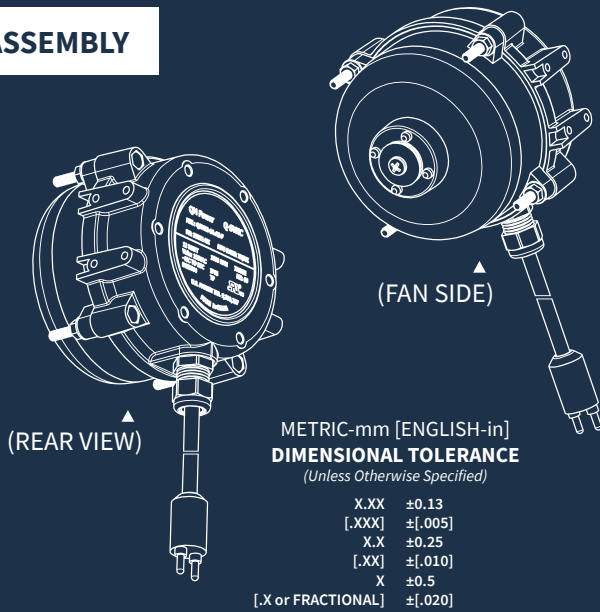
Q-Sync® Synchronous Motor

Model	QSM12-1A-CW
Part Number	30021-01
Volts	115 V
Voltage Range	95-132 V
Running Current (Amps)	0.15 A
Locked Rotor Current (Amps)	1.5 A
Horse Power	1/62 HP
Watts	6-12 W
RPM	1800
Frequency	60 Hz
Rotation (opposite end of shaft)	CW/SE
Phase	1
Temp	-40°C - 55°C (-40°F - 122°F)
Protection	Thermally Protected
Surge Protection	6000 V
Approvals	UL / CSA
CSA / UL File Number	E465664
Class	Class A (105 C)
Motor Type	Continuous Air Over
Plug	2 Pin Lyall M-2-24
Cable Length	16 Inches Long
Cable Rating	300 V, 105 C 18/2 CSA
Cable Rating	300 V, 105 C 18/2 UL
Shaft Diameter	8 mm / .3149 in
Front Mounting Pattern	95.25 mm / 3.75 in
Rear Mounting Pattern	71.45 mm / 2.813 in
Foot Mounting	8-32 in pattern 1.125 in x .625 in
Fan Mount Screw Size	8-32 in
Moisture Protection	IP65
Fan Blade Pitch	8 inch, 25 degrees
Speeds	Single
Design Life	10 years
Warranty	2 years
Maximum Operating Altitude	3048 m / 10,000 ft
Weight Motor Only	2 lbs
Box Dimension Motor Only	LxWxH 7 in x 6.25 in x 4 in
Weight Motor, Basket, Fan Ass	3.5 lbs
Box Dimension Fan Assembly	LxWxH 12.5 in x 12 in x 5.5 in
Efficiency @12W (rated power)	75%
Power Factor	0.9
Amps	0.15 A
Volts	115 V

IP65
CERTIFIED



ASSEMBLY



NOTICE OF CONFIDENTIAL INFORMATION

Information contained herein is Confidential. Where furnished with a proposal, the recipient shall use it solely for the purposes of inspection, installation, or maintenance. Where furnished to a supplier, it shall be used solely in the performance of the contract. The information shall not be used or disclosed by the recipient for any other purpose.

QM Power, Inc.
 9319 Robert D. Snyder Rd, Suite 428
 Charlotte, NC 28223
 +1 (816) 246-4200
www.qmpower.com