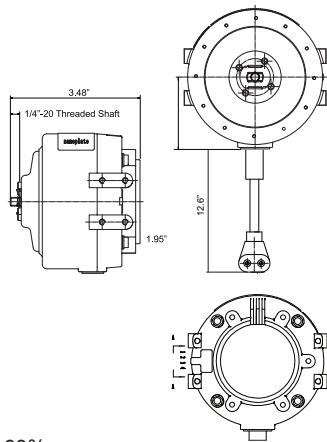


AZURE® ECM

Commercial Refrigeration Watt (Reach-In) Motor Ball Bearing

MARS ECM watt motor is a Drop in replacement for most OEM / ECM / PSC and standard shaded pole commercial refrigeration evaporator and condenser fan motors. Capable of replacing most 1550 RPM case motors 4 - 25W for reach-in cooler/freezer applications. The microprocessor sets power output to match the fan load ensuring correct CFM and maximum efficiency in every installation. Automatically senses and adapts to the system voltage (115/230V). MARS No. 10891 - Wirelessly Programmable. Download Azure® ECM App to your smart phone/tablet.



Specifications:

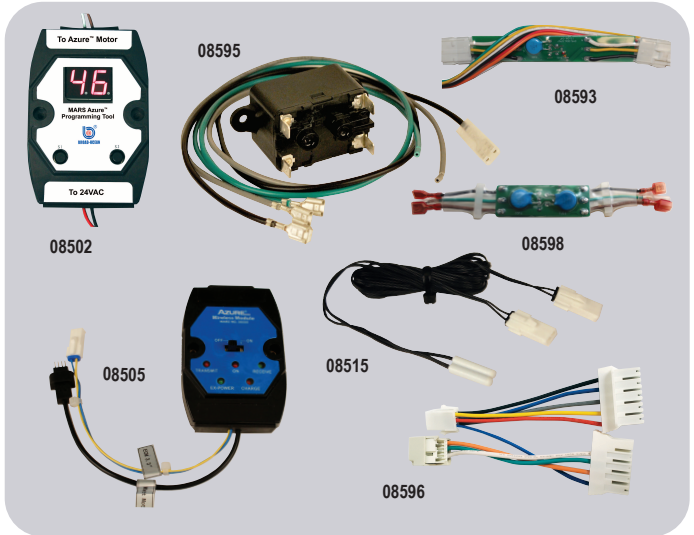
- Submersible - IP67
- Operating temperature range: -40° to 131°F
- Self adjusting from 4 to 25 Watts
- 1550⁽¹⁾ RPM
- CWLE⁽³⁾ Rotation
- Auto Voltage Select (115/230V)
- High efficiency ECM technology: 68%
- Estimated Energy Savings: \$33/year (\$46/year total)⁽²⁾
- 90° Angle Lyall Plug
- Water Resistant: Yes
- UL Recognized
- For accessories see page M-5

| Fan Load | Power Consumption | |
|----------|----------------------------------|--------------------------|
| | Standard Motor Power Consumption | Azure® Power Consumption |
| 4 W | 28 W | 6 W |
| 9 W | 47 W | 14 W |
| 16 W | 77 W | 30 W |

| MARS NO. | WATTS OUTPUT | VOLTS | RPM | ROTATION | LEAD LENGTH |
|----------|--------------|---------|---------------------|---------------------|-------------|
| 10891 | 4 - 25 | 115/230 | 1550 ⁽¹⁾ | CWLE ⁽³⁾ | 13" |

⁽¹⁾ 1550 default; adjustable 600-2000 RPM with optional wireless programmer kit (MARS No. 08505)
⁽²⁾ Estimated energy savings based on replacement of a 9W shaded pole evaporator fan motor with Azure® at \$0.11/kWh. \$33 savings is based solely on the reduction of power consumption. An additional savings of approximately 40% will result from the reduction of the refrigeration load due to Azure®'s lower operating temperature.
⁽³⁾ CWLE default; reversible with optional wireless programmer kit (MARS No.08505)

Accessories for Azure® ECM



| MARS NO. | DESCRIPTION |
|----------|---|
| 08502 | Hand Held Programmer 10860/10861/10865/10866/10867/10868/10869 |
| 08593 | Replacement Surge Protector 10860/10861 |
| 08595 | Constant Fan Kit 10858/10859/10860/10861/10865/10866 |
| 08598 | Replacement Surge Protector 10872/10874/10875 |
| 08505 | Wireless Programmer Kit; Requires Azure ECM® App and Smart Device (sold separately) for 10891/10852 |
| 08515 | Thermistor Kit for 2-Speed Operation (2/PK) for 10852; Controls up to 5 Motors |
| 08596 | Onsite Adapter: Accessory 10856, 10857 Replacement Part 10858, 10859 |

Tech Tip

All ECM motors are more energy efficient than standard motors even though the amp draw may be similar. ECM motors have lower power factors and thus consume fewer watts. Power Consumption (Watts) = Volts x Amps x Power Factor.