

Commercial Refrigeration



AZURE®

Digi-Motor®

- High Efficiency ECM
- Programmable with your smart phone
- Simple 1 or 2 speed operation
- 115/230 volt
- 600 - 2000 RPM
- Reversible

10852 1/15 - 1/22 HP

10891 4 - 25 Watt

08505 Programming Module

08515 Thermistors



**Program
These Motors
With Your
Cell Phone**

Walk-In Cooler Applications

Drop in 3.3" ECM replaces most OEM / ECM / PSC and standard shaded pole commercial refrigeration evaporator fan motors up to 1/15 HP for walk-in cooler/freezer applications. With the Azure Programmer app (available for download from the Google Play and Apple stores), speed and rotation can be field programmed using a smart phone and the optional programming module. A thermistor kit can convert the motor to 2-speed operation without the need for a separate 2-speed controller. Smart microprocessor automatically adapts to the system load up to 1/15HP and voltage up to 230V.

MARS Item No. 10852 Specifications:

Horsepower:	1/15 - 1/25
Voltage:	115/230
Amps (Max)	1.3/0.65
Rotation:	CCWLE*
Speed 1:	1550 RPM (600-2000)*
Speed 2:	1550 RPM (600-2000)*
Efficiency:	68%
Estimated Energy Savings*:	\$65/year (\$91/year total)*
Operating Range:	-40° to 131°F
OL Protection:	Electronic
Bearing:	Ball
Wire Connector:	Lyall Plug
Listings:	UL/cUL

MARS NO.	HP	VOLTS	RPM	ROTATION
10852	1/15-1/22	115/230	1550 (600-2000)*	CCWLE*

*Rotation is reversible, and speed is adjustable from 600 - 2000 RPM with optional programming module (MARS No. 08505)



**Estimated energy savings based on replacement of a 1/20 HP shaded pole evaporator fan motor with Azure® at \$0.11/kWh. \$65 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.

Power Consumption		
Fan Load	Standard Motor Power Consumption	Azure® Power Consumption
1/20 HP	105 W	43 W
1/15 HP	139 W	57 W

Reach-In Cooler/Case Applications

Submersible watt motor replaces most OEM / ECM / PSC and standard shaded pole commercial refrigeration evaporator and condenser fan motors 4 - 25 W 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. With the Azure Programmer app (available for download from the Google Play and Apple stores), speed and rotation can be field programmed using a smart phone and the optional programming module. Smart microprocessor automatically adapts to the system load (4 - 25W) and voltage up to 230V.

MARS Item No. 10891 Specifications:

Wattage:	4 - 25
Voltage:	115/230
Amps (Max)	0.47/0.33
Rotation:	CWLE*
Speed:	1550 RPM (600-2000)*
Efficiency:	68%
Estimated Energy Savings:	\$33/year (\$46/year total)**
Operating Range:	-40° to 131°F
OL Protection:	Electronic
Bearing:	Ball
Wire Connector:	90° Angle Lyall Plug
Listings:	UL/cUL
IP Rating:	IP 67 (Submersible)

MARS NO.	WATTS	VOLTS	RPM	ROTATION
10891	4-25W	115/230	1550 (600-2000)*	CWLE*

*Rotation is reversible, and speed is adjustable from 600 - 2000 RPM with optional programming module (MARS No. 08505)



**Estimated energy savings based on replacement of a 9 W 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.

Power Consumption		
Fan Load	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