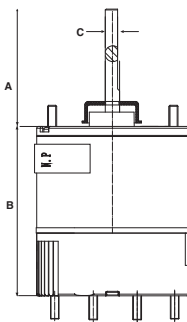


Azure® Digi-Motor®

**3.3" Commercial Refrigeration Evaporator Fan Motor
Ball Bearing**

Azure® is an electronically controlled 3.3" motor (ECM) that replaces all 1/15 - 1/25 HP, 115/230V, and 1550/600 RPM commercial refrigeration evaporator fan motors for walk in cooler/freezer applications. For 1550 RPM, this motor connects easily to the fan controller via a standard Lyall plug. For 2-speed applications, the Lyall plug can be removed and the motor can be wired directly to a separate 2-speed control module using the included second speed tap for 600 RPM. Motor rotation is set using a simple jumper wire. Azure® is rated for 115V or 230V with nothing to set; plug it in to either voltage and it adapts to the correct voltage.



Specifications:

- Operating temperature range: -40° to 131°F
- Multi horsepower, self adjusting from 1/15 to 1/25HP
- Reversible rotation
- Auto voltage select (115/230V)
- High efficiency ECM technology
- No capacitor required
- UL Recognized
- For accessories see page M-5

MARS NO.	HP	VOLTS	RPM	SPEEDS	ROTATION	DIMENSIONS		
						A	B	C
10850	1/15 - 1/25	115/230	1550	1	Rev	2.5	3.74	5/16
10852	1/15 - 1/25	115/230	1550 ¹	1 or 2 ²	CCWLE ³	2.5	3.74	5/16
10853	1/15 - 1/25	115/230	1550	1	CWLE	2.5	3.74	5/16
10854	1/15 - 1/25	115/230	1550	1	CCWLE	2.5	3.74	5/16

¹ 1550 default; adjustable 600-2000 RPM with optional wireless programmer kit (MARS No. 08505)

² 2-speeds attainable with optional wireless programmer (MARS No. 08505) and optional thermistor kit (MARS No. 08515)

³ CWLE default; reversible with optional wireless programmer (MARS No. 08505)

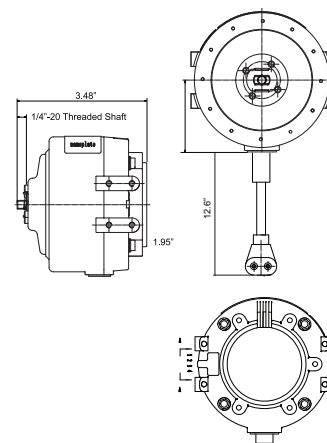
Tech Tip

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.

Azure® Digi-Motor®

**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® Programmer App to your smart phone/tablet.



Specifications:

- Submersible - IP67
- Operating temperature range: -40° to 131°F
- Self adjusting from 4 to 25 Watts
- 1550¹ RPM
- CWLE³ 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	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)