

## Azure® ECM

### PSC Direct Drive Blower Applications

#### Ball Bearing

Azure® is a high efficiency direct drive ECM designed to replace standard PSC blower motors. Two Azure motors replace virtually any PSC motor up to 1HP at 115/230V. Featuring a total of 5 speed taps (4 for W&Y plus a 625RPM tap) that connect to the same terminals as a PSC motor, Azure is a simple drop-in replacement or upgrade for systems with IAQ equipment. As with all ECM's, a run capacitor is not needed.

If none of the four speeds provides perfect airflow for the application or if duplicate speeds are desired on 2 or more taps, an optional hand held programmer (MARS No. 08502) can be used. The programmer connects to Azure® and displays the percentage of torque applied to the speed tap being energized. The percentage (motor speed) can then be increased or decreased and permanently set with the programmer.

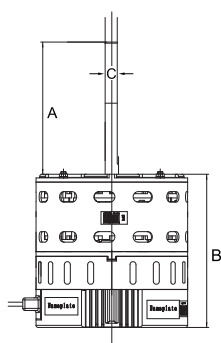
#### Features:

- Adjustable speeds (with optional MARS No. 08502)
- 4 speeds plus 625 RPM constant fan mode
- High efficiency 85%
- Multi-horsepower, dual voltage, Reversible
- Belly band mount

#### Specifications:

- Class "B" insulation
- Thermal overload protected
- Operating temperature range: -20°C to 55°C (-4°F to 131°F)
- UL Recognized
- For accessories see page M-5

MARS NO.	HP	VOLTS	RPM	ROTATION	DIAMETER	DIMENSIONS		
						A	B	C
10865	1/3 - 1/2	115/230	1075	Rev	5-1/2	4.93	5.72	1/2
10866	3/4 - 1	115/230	1075	Rev	5-1/2	4.93	6.66	1/2
10867	1/8 - 1/3	115/230/277	1075	Rev	5	5.00	5.00	1/2



## Azure® ECM

### Constant Torque Direct Drive Blower Applications Bluetooth

#### Ball Bearing

The latest generation of Azure® ECM comes Pre-Programmed and features integrated Bluetooth control for use with the Azure® ECM app. While not required for the installation of these motors, the app allows the installer to take full advantage of the ECM technology. While competitive aftermarket ECMs provide only 5 speed taps for setting airflow, the Bluetooth Azure® motors provide a self auto-sizing to the ductwork feature and/or the ability to manually customize each speed tap with a few finger taps in the free Azure ECM app.

#### One Touch Autosizing

One touch of a button automatically assigns correct torque for the ductwork; additional programming harnesses are not required. Wifi and Internet NOT required.

#### Individual Speed Tap Adjustments

Dial in the temperature rise with 1% torque increments. Tune out annoying high frequency harmonics. Optimize CFM.

#### Real Time Data

Monitor motor volts, amps, watts, and RPM's.

#### Drop-in Installation

Simple to wire; connections are the same as the motor being replaced. Pre-Programmed Ready to Install.

#### Replaces

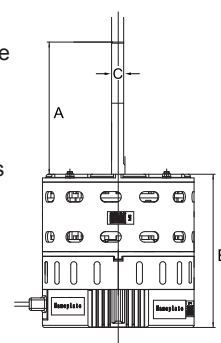
Constant Torque, X13, Ensight, Endura, SelecTech, EZ13, Select Pro, Evergreen IM

#### Features:

- 4 speeds plus 625 RPM constant fan mode
- High efficiency up to 85%
- Multi-horsepower, dual voltage, Reversible
- Belly band mount

#### Specifications:

- Class "B" insulation
- Thermal overload protected
- Operating temperature range: -20°C to 55°C (-4°F to 131°F)
- UL Recognized
- For accessories see page M-5



MARS NO.	HP	VOLTS	RPM	ROTATION	DIAMETER	DIMENSIONS		
						A	B	C
10858	1/2 - 1/5	115/230	1075	Rev	5-1/2	4.93	5.72	1/2
10859	1 - 1/2	115/230	1075	Rev	5-1/2	4.93	6.66	1/2



Apple app



Android app

