

## 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.

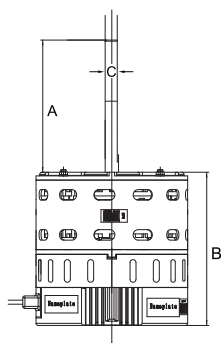
#### Features:

- Adjustable speeds (with optional MARS No. 08502)
- 4 speeds plus 625 RPM constant fan mode
- High efficiency 85%
- Multi-horsepower, dual voltage
- 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 features integrated Bluetooth control for use with the Azure® ECM smartphone 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 more than 50 speed selections and the ability to autosize to the ductwork all with a keystroke or two in the app..

#### One Touch Autosizing

One touch of a button automatically assigns correct torque for the ductwork; additional programming harnesses are 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

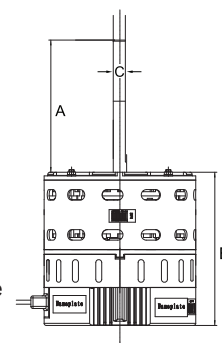
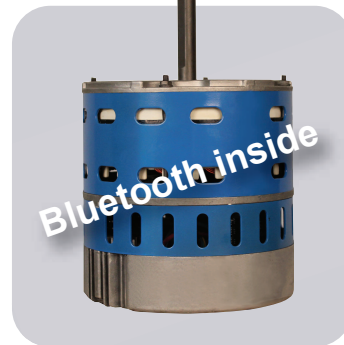
Simple to wire; connections are the same as the motor being replaced.

#### Features:

- 4 speeds plus 625 RPM constant fan mode
- High efficiency 85%
- Multi-horsepower, dual voltage
- 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.	Adjustable Speeds*	Auto-Sizing*	Replaces
10858	Yes	Yes	Constant Torque, Ensite, Endura
10859	Yes	Yes	Constant Torque, Ensite, Endura

\* When Azure® Blower Motor App is used

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