



ECM MADE EASY™

Evergreen® VS

VARIABLE SPEED REPLACEMENT MOTORS

The Evergreen VS motor and Evergreen VS user interface are designed to replace Genteq® constant airflow (variable speed) ECM indoor blower motors. The Evergreen VS product line is designed specifically to replace models 2.0, 2.5, Genteq models 2.3, Eon® and 3.0 motors. These motors represent the largest volume of variable speed motors used to date in HVAC OEM indoor blower motor applications.

FEATURES

- Pre-programmed
- Plug-n-play
- Dual voltage
- Dual rotation
- Truck stock

BENEFITS

- Two year warranty*
- Complete calls same day including after hours calls
- Reduce time on call using part on truck
- Built by same manufacturer as original motor
- Maintains system performance and efficiency

* This warranty shall expire twenty-four (24) months from first use of the Product or thirty (30) months from date of shipment of the Product, whichever occurs first. Except as stated here, Regal standard limited warranty applies. See www.regalbeloit.com (Terms and Conditions of Sale).

CONSTANT AIRFLOW ECM (VARIABLE SPEED) REPLACEMENT MOTOR OPTIONS

	INDOOR BLOWER MOTORS	EVERGREEN® VS MOTOR	REQUIRED ACCESSORY (SOLD SEPARATELY FROM MOTOR)
16-PIN SOLUTION	<p>Model 2.0 Model 2.3 Eon® motor</p> <p>Constant Airflow (Variable Speed) ECM Motors (Model 2.0, Genteq® models 2.3 and Eon® motors)</p> <p>Note: The model 2.3 motor has the same physical appearance as the model 2.5 motor. Always confirm model name on motor.</p>	<p>Evergreen VS motor</p>	<ul style="list-style-type: none"> • The Evergreen VS User Interface (#5K010) is required for this application and is installed permanently with the motor • This part is sold separately from the motor
	<p>Model 2.5</p> <p>Constant Airflow (Variable Speed) ECM Motors (Model 2.5 motor)</p> <p>Note: The model 2.5 motor has the same physical appearance as the model 2.3 motor. Always confirm model name on motor.</p>	<p>Evergreen VS motor</p>	<ul style="list-style-type: none"> • The Genteq 16-4 Pin Adapter (#5K015) is required for this application and is installed permanently with the motor • This part is sold separately from the motor
4-PIN SOLUTION	<p>Model 3.0</p> <p>Constant Airflow (Variable Speed) ECM Motors (Genteq model 3.0 motor)</p>	<p>Evergreen VS motor</p>	<ul style="list-style-type: none"> • Plug-n-play (Connect OEM plugs...DONE)

EVERGREEN® VS MOTORS AND ACCESSORIES

APPLICATIONS

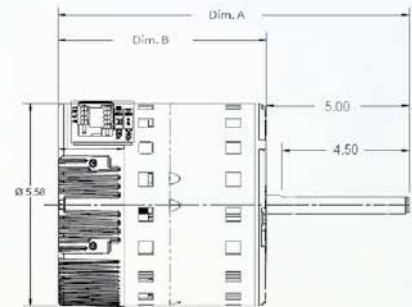
The Evergreen VS motor is designed for use in the following types of HVAC systems:

- Furnace, air handler and package units
- Fossil fuel, electric strip heat, A/C, heat pump and geothermal units
- When replacing 2.0, 2.3 or Eon® motors, Evergreen VS motors can only be used in single stage or two stage HVAC systems
- When replacing 2.5 or 3.0 motors, Evergreen VS motors can be used in single stage, multi-stage, modulating and communicating HVAC systems

SPECIFICATIONS

Match the horsepower (HP) and voltage (VAC) ratings of the new Evergreen VS motor to the motor being replaced. It is not necessary for the RPM or the amperage (FLA) to match.

EVERGREEN® VS MOTORS								
STOCK #	HP	VOLTS	FLA	ROTATION	RPM	FRAME	DIM A	DIM B
6503V	1/3	120/240	5.0/2.8	CCW/CW	1050	NEMA®* 48	10.71"	5.71"
6505V	1/2	120/240	7.7/4.3	CCW/CW	1050	NEMA 48	11.21"	6.21"
6507V	3/4	120/240	10.1/6.1	CCW/CW	1050	NEMA 48	11.96"	6.96"
6510V	1	120/240	12.8/7.4	CCW/CW	1050	NEMA 48	12.71"	7.71"



EVERGREEN® ACCESSORIES		
STOCK #	DESCRIPTION	NOTE
5K010	Evergreen VS User Interface [■]	Sold separately and installed permanently with the motor.
5K015	Genteq 16-4 Pin Adapter	Sold separately and installed permanently with the motor.
5K016	Evergreen Rotation Reversing Harness [▲]	Sold separately and installed permanently with the motor.

[■]The Evergreen VS User Interface (UI) is compatible with all Evergreen VS motors.

[▲]The Evergreen VS motor will automatically configure rotation to match the application. The rotation reversing harness (#5K016) is only needed if the motor does not operate the correct direction following the installation instructions.

For more information on Evergreen VS motors and user interface, scan this code with your smart phone or go to www.EvergreenVS-motors.com



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APPLICATION CONSIDERATIONS

The proper selection and application of products and components, including the related area of product safety, is the responsibility of the customer. Operating and performance requirements and potential associated issues will vary appreciably depending upon the use and application of such products and components. The scope of the technical and application information included in this publication is necessarily limited. Unusual operating environments and conditions, lubrication requirements, loading supports, and other factors can materially affect the application and operating results of the products and components and the customer should carefully review its requirements. Any technical advice or review furnished by Regal Beloit America, Inc. and/or its affiliates ("Regal") with respect to the use of products and components is given in good faith and without charge, and Regal assumes no obligation or liability for the advice given, or results obtained, all such advice and review being given and accepted at customer's risk.

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