



Evergreen[®] VS

VARIABLE SPEED REPLACEMENT MOTORS

What if...

you could replace MILLIONS of OEM variable speed motors with just 5 parts on your truck?



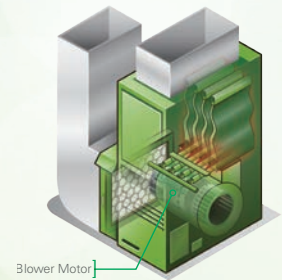
Evergreen® VS



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 model 2.0, 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.

FURNACE AIR HANDLERS
INCLUDES PACKAGE SYSTEMS



ECM MADE EASY™

Better for You

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

Better for Your Customers

- 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



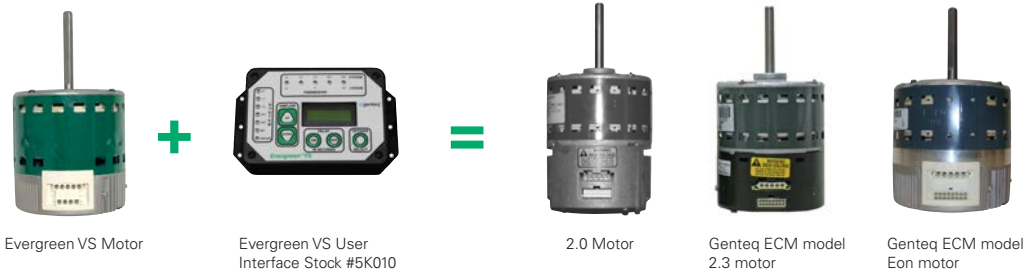
*This warranty shall expire twenty-four (24) months from the first use of the Product or thirty (30) months from date of shipment of the Product, whichever occurs first. Except as stated here, Regal standard limited warranty applies. See www.regalbeloit.com (Terms and Conditions of Sale).

EVERGREEN® VS MOTOR REPLACEMENT SOLUTIONS

Model 2.0, Genteq® models 2.3 and Eon® motor replacement (16-Pin)

The Evergreen® VS motor and Evergreen VS user interface (#5K010) are installed together to replace model 2.0, Genteq models 2.3 and Eon® motors.

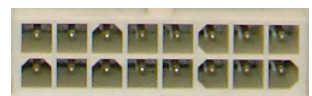
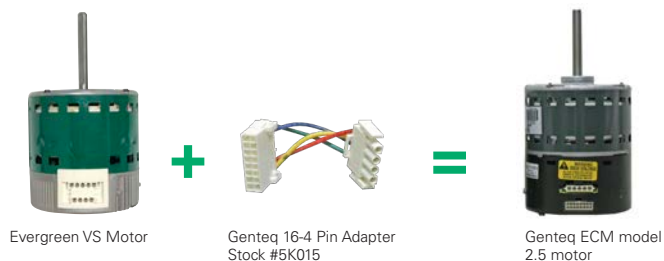
- The Evergreen VS user interface (#5K010) is required for this application.
- The user interface is sold separately and is installed permanently with the motor.
- All wires and harnesses are provided with the user interface.



16-PIN SOLUTION

Model 2.5 motor replacement (16-Pin)

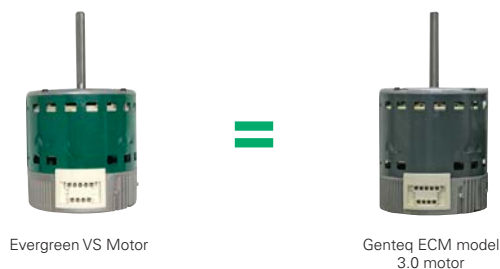
- The Genteq® 16-4 pin adapter (#5K015) is required for this application.
- The 16-4 pin adapter is sold separately and is installed permanently with the motor.



16-PIN SOLUTION

Genteq® model 3.0 motor replacement (4-pin)

- The Evergreen® VS motor is a direct replacement for the Genteq® model 3.0 motor.
- Plug-n-play (Connect OEM plugs...DONE)



4-PIN SOLUTION

EVERGREEN® VS MOTORS AND ACCESSORIES

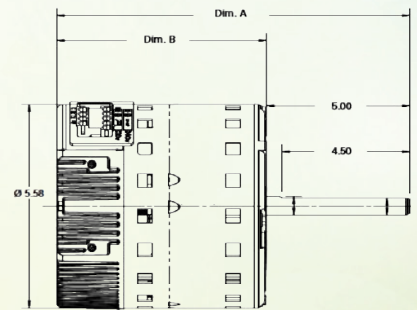
APPLICATIONS

The Evergreen® VS motor and/or Evergreen VS user interface 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 model 2.0, 2.3 or Eon® motors, Evergreen VS motors can only be used in single stage or two stage HVAC systems
- When replacing model 2.5 or 3.0 motors, Evergreen VS motors can be used in single stage, multi-stage, modulating and communicating HVAC systems

MOTOR 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
- Bearing: permanently lubricated ball bearing
- Ambient Ratings:
 - Powered, not operating: -20° to 65°C (non-icing conditions)
 - Operating (1/3, 1/2, and 3/4 HP): -20° to 55°C (non-icing conditions)
 - Operating (1 HP): -20° to 45°C (non-icing conditions)
- Enclosure: open air over (OAO), NEMA®* 48-Frame (5.6" diameter)
- Shaft: single, ½" diameter, 5" length, 4.5" single flat
- Mounting: horizontal or vertical shaft-down (VSD), belly band
- UL and CSA recognized component
- Encapsulated electronics
- Electronic overload protection
- 6kV surge protection



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"

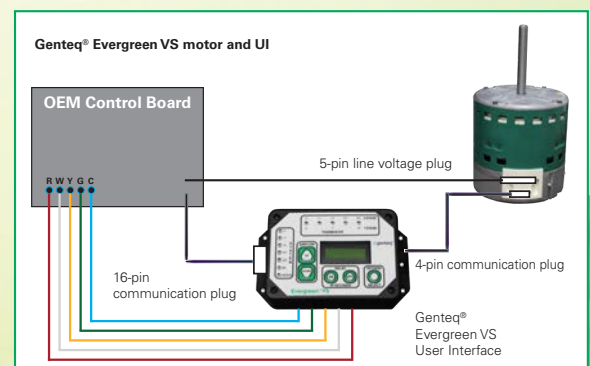
EVERGREEN ACCESSORIES		
STOCK #	DESCRIPTION	NOTE
5K010	Evergreen VS User Interface [■]	Sold separately and installed permanently with the motor.
5K015	Genteq 16-4 Pin Adapter	Sold separately and installed permanently with the motor.
5K016	Evergreen Rotation Reversing Harness [▲]	Sold separately and installed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

USER INTERFACE SPECIFICATIONS

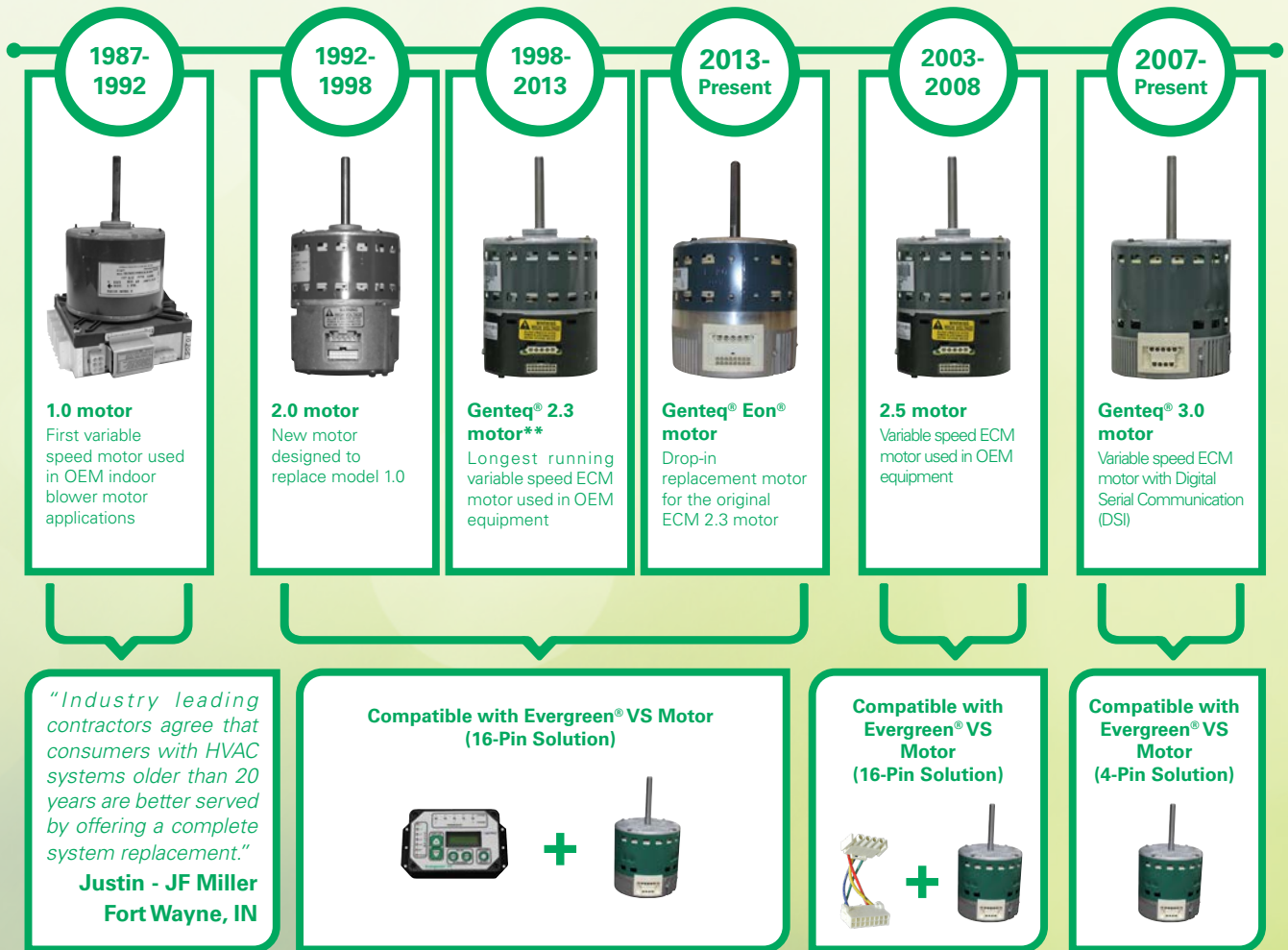
- Dimensions: 5.5" x 3.35" x 1.25"
- Voltage Rating:
 - Thermostat inputs are rated for 18-30 VAC
- Ambient Ratings:
 - Operating Temp 0°C to +55°C (32°F to 122°F)
 - Storage Temp -20°C to 70°C (-4°F to 158°F)
- Lead Lengths:
 - Thermostat leads – 36"
 - Motor harness – 36"



WHY WOULD YOU TRUST YOUR REPUTATION WITH ANYONE ELSE?

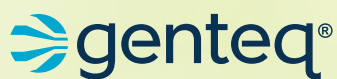
- Genteq® is the leading brand of OEM variable speed motors.
- Genteq® OEM variable speed motors have been used in residential HVAC systems for over 30 years.*

* This period includes time during which this line of products bore different brands.



** This period includes time during which this product bore a different brand.

For more information on Evergreen® VS motors and Evergreen® VS 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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