

**NEW PRODUCT!**

# Evergreen® VS Product Line

**DESIGNED TO REPLACE GENTEQ® CONSTANT AIRFLOW (VARIABLE SPEED) ECM INDOOR BLOWER MOTORS. DESIGNED SPECIFICALLY TO REPLACE MODELS 2.0, 2.5, GENTEQ MODELS 2.3, EON® AND 3.0 MOTORS.**



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 in HVAC OEM applications to date in the indoor blower motor segment.

## RELIABILITY

- Encapsulated electronics
- Electronic overload protection
- 6kV surge protection
- Two year warranty\*
- UL and CSA recognized component

\* 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](http://www.regalbeloit.com) (Terms and Conditions of Sale).

## CONTRACTOR BENEFITS

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

## CONSUMER BENEFITS

- Complete all calls the 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

### 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).



### 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.



### MODEL 2.0, GENTEQ MODELS 2.3 AND EON MOTOR REPLACEMENT (16-PIN)

- 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.

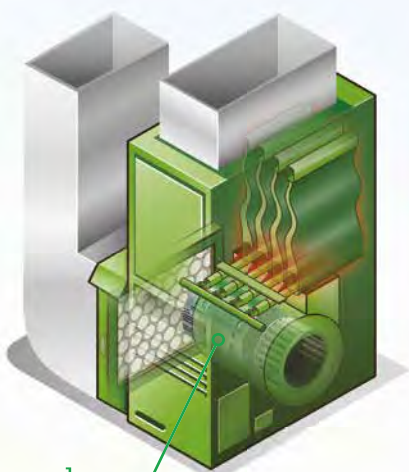


# Evergreen® VS Applications

## Evergreen VS Product Line

### FURNACE AIR HANDLERS

INCLUDES PACKAGE SYSTEMS



Blower Motor



Genteq® ECM  
model 3.0 motor



Evergreen VS  
motor

#### PLUG-N-PLAY

Connect OEM plugs...DONE!



2.5 motor



Evergreen VS  
motor



Genteq 16-4 pin adapter  
stock #5K015



2.0 motor



Genteq ECM  
model 2.3  
motor



Genteq ECM  
model Eon®  
motor



Evergreen VS  
motor



Evergreen VS  
user interface  
stock # 5K010

### Evergreen Accessories

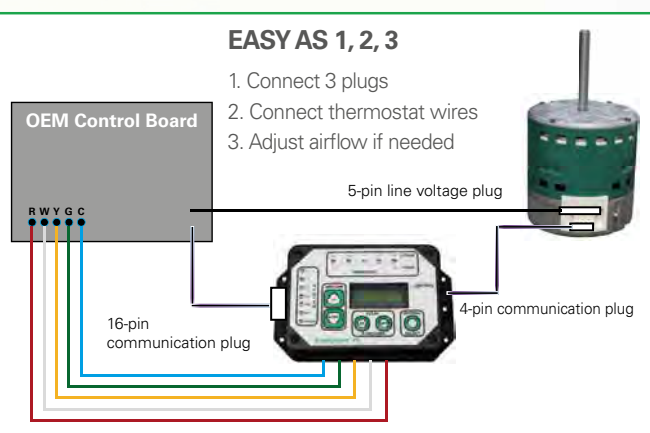
STOCK	DESCRIPTION
5K010	Evergreen® VS User Interface <sup>■</sup>
5K015	Genteq® 16-4 Pin Adapter <sup>■</sup>
5K016	Evergreen Rotation Reversing Harness <sup>■*</sup>

■ Sold separately and installed permanently with the motor.

\* 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.

### EASY AS 1, 2, 3

1. Connect 3 plugs
2. Connect thermostat wires
3. Adjust airflow if needed



### Evergreen VS Motors

STOCK	HP	VOLTS	FLA	RPM	SPEEDS	SHAFT	DIM A	DIM B
6503V	1/3	120/240	5.0/2.8	1050	Variable	.5" x 5" (4.5" SF)	10.71"	5.71"
6505V	1/2	120/240	7.7/4.3	1050	Variable	.5" x 5" (4.5" SF)	11.21"	6.21"
6507V	3/4	120/240	10.1/6.1	1050	Variable	.5" x 5" (4.5" SF)	11.96"	6.96"
6510V	1	120/240	12.8/7.4	1050	Variable	.5" x 5" (4.5" SF)	12.71"	7.71"

**ROTATION:** Reversible // **FRAME:** NEMA®\* 48

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

\* NEMA is believed to be the trademark and/or trade names of National Electrical Manufacturers Association and is not owned or controlled by Regal Beloit Corporation.