

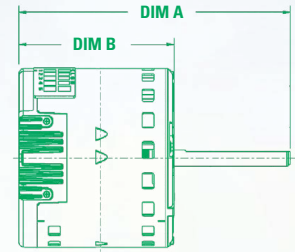
HVAC MOTOR REPLACEMENT SOLUTIONS

INDOOR BLOWER MOTORS	EVERGREEN® REPLACEMENT OPTIONS	APPLICATION
 <p>Induction Motors Shaded Pole or PSC (typically built with two brown or purple run capacitor wires)</p>	 <p>Evergreen® IM Motors</p> <ul style="list-style-type: none"> • Match VAC, RPM and HP ratings • The FLA (amperage) rating does not need to match • If the old motor does not use a belly band mount, a new mount will be needed • When replacing a 1/2 HP PSC motor, refer to chart on page 3 of IM manual for support. Get IM manual at ECMMadeEasy.com 	
 <p>Constant Torque ECM Motors (Genteq® models X13® or Endura® Pro, US Motors®* SelecTech®* or Broad Ocean®* motors with 24 VAC speed taps)</p>	 <p>Evergreen® EM & CM Motors</p> <ul style="list-style-type: none"> • Match VAC and HP ratings • The FLA (amperage) and RPM ratings do not need to match <p>new Evergreen EM Control Modules </p>	
 <p>Constant Airflow (Variable Speed) ECM Motors (GE®* model 2.0, Genteq® models 2.3 and Eon® motors) Note: The model 2.3 motor has the same physical appearance as the model 2.5 motor. Always confirm model name on motor or use online cross reference tool on back page if needed.</p>	 <p>Evergreen® VS Motors & User Interface (UI)</p> <ul style="list-style-type: none"> • Match VAC and HP ratings • The FLA (amperage) and RPM ratings do not need to match • The UI (#5K010) is required for this application and is installed permanently with the motor. This part is sold separately from the motor. 	<p>FURNACE AIR HANDLERS INCLUDES PACKAGE SYSTEMS</p> 
 <p>Constant Airflow (Variable Speed) ECM Motors (GE®* model 2.5 motor) Note: The model 2.5 motor has the same physical appearance as the model 2.3 motor. Always confirm model name on motor or use online cross reference tool on back page if needed.</p>	 <p>Evergreen® VS Motors & 16-4 Pin Adapter</p> <ul style="list-style-type: none"> • Match VAC and HP ratings • The FLA (amperage) and RPM ratings do not need to match • The 16-4 Pin Adapter (#5K015) is required for this application and is installed permanently with the motor. This part is sold separately from the the motor. 	
 <p>Constant Airflow (Variable Speed) ECM Motors (Genteq® model 3.0 motor)</p>	 <p>Evergreen® VS Motors</p> <ul style="list-style-type: none"> • Match VAC and HP ratings • The FLA (amperage) and RPM ratings do not need to match 	
OUTDOOR FAN MOTORS	EVERGREEN REPLACEMENT OPTIONS	APPLICATION
 <p>Induction Motors Shaded Pole or PSC </p>	 <p>Evergreen® OM Motors</p> <ul style="list-style-type: none"> • Match VAC and HP ratings • The FLA (amperage) and RPM ratings do not need to match <p>new Stock #6303R:</p> <ul style="list-style-type: none"> • Remote mount control • Lower profile motor • All angle mount • OEM mounting holes 	<p>A/C & HEAT PUMP UNITS INCLUDES PACKAGE SYSTEMS</p> 
 <p>Constant Speed ECM Motors (Genteq® motor models 142 & 142R)</p>	<p>Constant Speed ECM outdoor fan motors must be replaced with an OEM part from the manufacturer of the HVAC system from which it is removed.</p>	

OEM = Original Equipment Manufacturer (Manufacturer of the HVAC Furnace/Air Handler/Package System)



MOTOR SPECIFICATIONS



MODEL	STOCK	HP	VOLTS	FLA	RPM	SPEEDS	SHAFT	DIM A	DIM B
Evergreen® IM Motors (PSC Replacement Motor)	6005	1/2 (1/2, 1/3, 1/4, 1/5)	115/230	6.7/4.0	1075	5	.5" x 5" (4.5" SF)	11.26"	6.34"
	6010	1 (1, 3/4, 1/2)	115/230	11.0/6.7	1075	5	.5" x 5" (4.5" SF)	12.76"	7.84"
Evergreen EM Motors (X13® and Endura® Pro Motor Replacement)	6103E	1/3	115	4.8	1075	5/PWM	.5" x 5" (4.5" SF)	10.17"	5.25"
	6105E	1/2	115	6.8	1075	5/PWM	.5" x 5" (4.5" SF)	10.67"	5.75"
	6107E	3/4	115	8.4	1075	5/PWM	.5" x 5" (4.5" SF)	11.42"	6.5"
	6110E	1	115	10.9	1075	5/PWM	.5" x 5" (4.5" SF)	12.17"	7.25"
	6203E	1/3	208-230	2.8	1075	5/PWM	.5" x 5" (4.5" SF)	10.17"	5.25"
	6205E	1/2	208-230	4.1	1075	5/PWM	.5" x 5" (4.5" SF)	10.67"	5.75"
	6207E	3/4	208-230	6.0	1075	5/PWM	.5" x 5" (4.5" SF)	11.42"	6.5"
	6210E	1	208-230	7.6	1075	5/PWM	.5" x 5" (4.5" SF)	12.17"	7.25"
Evergreen CM Motors (X13 and Endura Pro Motor Replacement)	6703	1/3	208-230/277	2.8	1075	5/PWM	.5" x 4" (3.5" SF)	9.17"	5.25"
	6705	1/2	208-230/277	4.1	1075	5/PWM	.5" x 4" (3.5" SF)	9.67"	5.75"
	6707	3/4	208-230/277	6.0	1075	5/PWM	.5" x 4" (3.5" SF)	10.42"	6.5"
	6710	1	208-230/277	7.6	1075	5/PWM	.5" x 4" (3.5" SF)	11.17"	7.25"
	6405 [■]	1/2	460	2.1	1075	5/PWM	.5" x 4" (3.5" SF)	10.53"	6.61"
	6407 [■]	3/4	460	3.1	1075	5/PWM	.5" x 4" (3.5" SF)	11.28"	7.36"
	6410 [■]	1	460	4.0	1075	5/PWM	.5" x 4" (3.5" SF)	12.03"	8.11"
Evergreen OM Motors (PSC Outdoor Replacement Motor)	6301	1/5	208-230	2.8	850/1100	2	.5" x 3" (2.5" SF)	8.49"	5.45"
	6303	1/3	208-230	3.5	850/1100	2	.5" x 3" (2.5" SF)	8.99"	5.95"
	6303R ^{NEW}	1/3	208-230	3.5	850/1100	2	.5" x 5.5" (5" SF)	9.79"	4.23"
	6903 [■]	1/3	460	1.6	850/1100	2/PWM	.5" x 6" (5.5" SF)	12.82"	6.77"
	6905 [■]	1/2	460	2.5	850/1100	2/PWM	.5" x 6" (5.5" SF)	13.57"	7.53"
	6907 [■]	3/4	460	3.1	850/1100	2/PWM	.5" x 6" (5.5" SF)	14.31"	8.27"
Evergreen VS Motors (Variable Speed Replacement Motor)	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"

NEW! Control Modules available, use same EM stock number followed by CTL (ex. 6207ECTL)

■ Item to be discontinued when stock is depleted.

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NEW! Evergreen VS Motors (Variable Speed Replacement Motor)

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

Evergreen® Accessories	Part Number	Description
	5K010	Evergreen VS User Interface [•]
	5K015	Genteq 16-4 Pin Adapter [•]
	5K016	Evergreen Rotation Reversing Harness ^{•▲}

- 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.

ONLINE EVERGREEN CROSS REFERENCE TOOL

www.regalbeloit.com/cross-reference

This website allows you to cross reference a Genteq® OEM ECM model number or motor control code to an exact Genteq Evergreen replacement motor.

Follow this guide to locate the Genteq ECM model number or motor control code.

MOTOR DECAL → MODEL NUMBER

MOTOR CONTROL DECAL → MOTOR CONTROL CODE

* NEMA is believed to be the trademark and/or trade name of National Electrical Manufacturers Association, US Motors and Seltec are believed to be the trademarks and/or trade names of Nidec Corporation, Broad Ocean is believed to be the trademark and/or trade name of Zhongshan Broad-Ocean Co., Ltd., and GE is believed to be the trademark and/or trade name of General Electric Company, all of which are not owned or controlled by Regal Beloit Corporation.