

# HVAC MOTOR REPLACEMENT SOLUTIONS



INDOOR BLOWER MOTORS	EVERGREEN® REPLACEMENT OPTIONS
 <p><b>Induction Motors</b></p> <p>Shaded Pole or PSC (typically built with two brown or purple run capacitor wires)</p>	<p><b>Evergreen® IM Motors</b></p> <ul style="list-style-type: none"> <li>• Match VAC, RPM and HP ratings</li> <li>• The FLA (amperage) rating does not need to match</li> <li>• If the old motor does not use a belly band mount, a new mount will be needed</li> <li>• When replacing a 1/2 HP PSC motor, refer to the chart on the top of page 2 of the IM manual for support. Get the IM manual at <a href="http://ECMMadeEasy.com">ECMMadeEasy.com</a></li> </ul> 
 <p><b>Constant Torque ECM Motors</b></p> <ul style="list-style-type: none"> <li>• Genteq® models X13 or Endura® Pro motors</li> <li>• US Motors® SelectTech® and RESCUE SELECT® motors</li> <li>• Broad Ocean® motors (with 24 VAC speed taps)</li> </ul>	<p><b>Evergreen® EM &amp; CM Motors</b></p> <ul style="list-style-type: none"> <li>• Match VAC and HP ratings</li> <li>• The FLA (amperage) and RPM ratings do not need to match</li> </ul> <p><b>Evergreen EM Control Modules</b></p> <ul style="list-style-type: none"> <li>• Used to replace control modules for Genteq X13, Endura Pro and Evergreen EM motors</li> </ul> 
 <p><b>Constant Airflow (Variable Speed) ECM Motors</b></p> <p>GE® model 2.0, Genteq® models 2.3, 5.0, Eon® and Eon 5.0 motors</p> <p><b>Note:</b> 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><b>Evergreen® VS Motors &amp; User Interface (UI)</b></p> <ul style="list-style-type: none"> <li>• Match VAC and HP ratings</li> <li>• The FLA (amperage) and RPM ratings do not need to match</li> <li>• The UI (#5K010V) is required for this application and is installed permanently with the motor. This part is sold separately from the motor.</li> </ul> 
 <p><b>Constant Airflow (Variable Speed) ECM Motors</b></p> <p>GE® model 2.5 motor</p> <p><b>Note:</b> 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><b>Evergreen® VS Motors &amp; 16-4 Pin Adapter</b></p> <ul style="list-style-type: none"> <li>• Match VAC and HP ratings</li> <li>• The FLA (amperage) and RPM ratings do not need to match</li> <li>• 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 motor.</li> </ul> 
 <p><b>Constant Airflow (Variable Speed) ECM Motors</b></p> <p>Genteq® models 3.0 and Eon+® motors, also branded as Eon Serial</p>	<p><b>Evergreen® VS Motors</b></p> <ul style="list-style-type: none"> <li>• Match VAC and HP ratings</li> <li>• The FLA (amperage) and RPM ratings do not need to match</li> </ul> 
OUTDOOR FAN MOTORS	EVERGREEN REPLACEMENT OPTIONS
 <p><b>Induction Motors</b></p> <p>Shaded Pole or PSC</p> 	<p><b>Evergreen® OM Motors</b></p> <ul style="list-style-type: none"> <li>• Match VAC and HP ratings</li> <li>• The FLA (amperage) ratings do not need to match</li> </ul> <p><b>Stock #6303R:</b></p> <ul style="list-style-type: none"> <li>• Remote mount control</li> <li>• All angle mount</li> <li>• Lower profile motor</li> <li>• OEM mounting holes</li> </ul> 
 <p><b>Constant Speed ECM Motors</b></p> <p>Genteq® motor models 142 &amp; 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)

Evergreen manuals, brochures and videos are available at:  
[www.ECMMadeEasy.com](http://www.ECMMadeEasy.com)

# GENTEQ® EVERGREEN® MOTOR SPECIFICATIONS

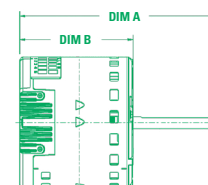
MODEL	STOCK	HP	VOLTS	FLA	RPM	SPEEDS	SHAFT	DIM A	DIM B
Evergreen® EM Motors (X13 and Endura® Pro Motor Replacement)	6103E	1/3	115	4.8	1075	5/PWM	.5" x 5" (4.5" SF)	10.17"	5.25"
	6105E	1/2	115	6.8	1075	5/PWM	.5" x 5" (4.5" SF)	10.67"	5.75"
	6107E	3/4	115	8.4	1075	5/PWM	.5" x 5" (4.5" SF)	11.42"	6.5"
	6110E	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 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"
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 OM Motors (PSC Outdoor Replacement Motor)	6301	1/5-1/10	208-230	2.8	850/1100	2	.5" x 3" (2.5" SF)	8.49"	5.45"
	6303	1/3-1/10	208-230	3.5	850/1100	2	.5" x 3" (2.5" SF)	8.99"	5.95"
	6303R	1/3-1/10	208-230	3.5	850/1100	2	.5" x 5.5" (5" SF)	9.79"	4.23"

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

Evergreen Accessories	5K010V	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.



## Climate Solutions Regal Rexnord

Customer Service: 800-672-6495

[regalrexnord.com](https://www.regalrexnord.com)

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## ONLINE EVERGREEN CROSS REFERENCE TOOL

[www.regalrexnord.com/cross-reference](https://www.regalrexnord.com/cross-reference)

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

Follow this guide to locate the Genteq ECM model number.

