

Evergreen® · CM

DESIGNED TO REPLACE OEM CONSTANT TORQUE STANDARD ECM INDOOR BLOWER MOTORS SUCH AS X13 OR EQUIVALENT COMPETITOR MODELS WITH 24VAC SPEED TAPS.

[208-230/277 OR 460VAC APPLICATIONS]



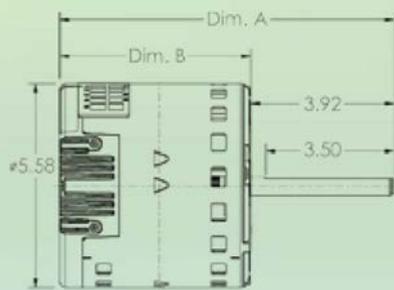
Rotation Sensing Technology™



Evergreen CM is a drop in replacement for Constant Torque ECM such as X13 or equivalent competitor models with 24vac speed taps. With no programming requirements it's ready when you need it at your local HVAC distributor or on your truck. With no complex wiring, you will get the job done quickly.

RELIABILITY

- Encapsulated electronics
- Electronic Overload Protection
- 4kv surge protection
- Two year warranty
- UL and CSA recognized component



EVERGREEN MOTOR MOUNTS CAN BE FOUND ON PAGE 14

BENEFITS

- Replaces X13 and similar Constant Torque ECM with 24vac speed taps
- Pre-programmed for truck stock, ready to use out of the box
- (5) 24vac speed taps (Low-High)
- Compatible with OEM harness
- No complex wiring or configuration
- Automatically determines motor direction using Genteq's Rotation Sensing Technology
- Maintains system efficiency and performance
- Soft Start and Off Ramp for quiet operation

MULTI-PURPOSE

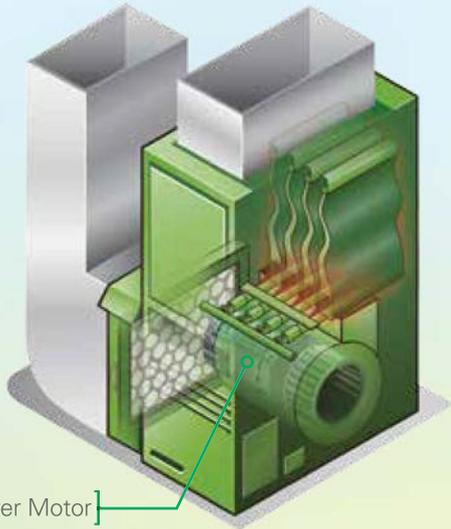
- Replace/upgrade PSC motors in applications that DO NOT require on/off delays such as Variable Air Volume (VAV), Fan Filter Units (FFU), A/C or heat pump only air handlers or package units. (Refer to installation manual for more details)
- (5) 24vac speed taps (Low-High)
- (3) 18vdc speed taps (Low-Med-High)
- PWM capable (600-1200rpm operating range)
- Improves air balancing
- Provides precise speed selection
- 0-10vdc capable with separate harness
- Low voltage signal harness provided with motor



EVERGREEN® CM APPLICATIONS

FURNACE AIR HANDLERS

INCLUDES PACKAGE SYSTEMS



Blower Motor

Evergreen® CM

Replaces OEM Constant Torque ECM built with 24v speed taps with the following ratings:

Horsepower: 1/3-1
 RPM Rating: 1070
 Voltage: 208-230/277 or 460
 Rotation: CW & CCW

[Constant Torque ECM Genteq X13 or Similar Competitors' Models]



NOT COMPATIBLE WITH EVERGREEN®

There are no generic replacements for Constant Airflow (Variable Speed) ECM. These motors can only be replaced with their OEM equivalent from an authorized distributor of the HVAC systems manufacturer.

[Constant Airflow (variable speed) Communicated ECM Genteq Models 2.0, 2.3, 2.5, 3.0, and Eon]

Evergreen CM Motors

STOCK	HP	VOLTS	FLA	RPM	SPEEDS	SHAFT	DIM A	DIM B
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	3.2	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"

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