

Evergreen® · IM

DESIGNED TO REPLACE FACTORY PSC INDOOR
BLOWER MOTORS IN HVAC SYSTEMS



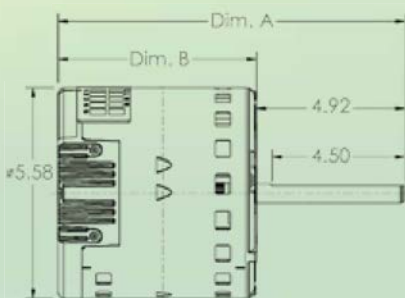
Rotation Sensing Technology™



With Evergreen IM, you'll give your customers the efficiency and comfort of a new ECM driven system, without replacing the entire system. Simply replace their PSC motor with an Evergreen IM. It's not only easy to install, but it can also reduce your inventory and increase your profits.

RELIABILITY

- Encapsulated electronics
- Electronic Overload Protection
- 6kv surge protection
- Two year warranty
- UL and CSA recognized component



EVERGREEN MOTOR
MOUNTS CAN BE FOUND
ON PAGE 14



Calculate energy savings quickly and easily with our Energy Savings Calculator.

Download the Dealer Toolbelt app which includes the Evergreen Energy Savings Calculator. Utility rebates available in some markets.

CONTRACTOR BENEFITS

- Reduce truck stock and get the job done
- No capacitors required
- Connects directly to existing relays or circuit boards
- No additional relays or wires needed
- Automatically determines motor direction
- 2 Motors replace the following ratings:
 - » 1/5, 1/4, 1/3, 1/2, 3/4 & 1 horse power
 - » 115 & 208-230vac
 - » CW and CCW rotation
 - » 1000-1075 RPM
 - » Direct drive - 48 frame

CONSUMER BENEFITS

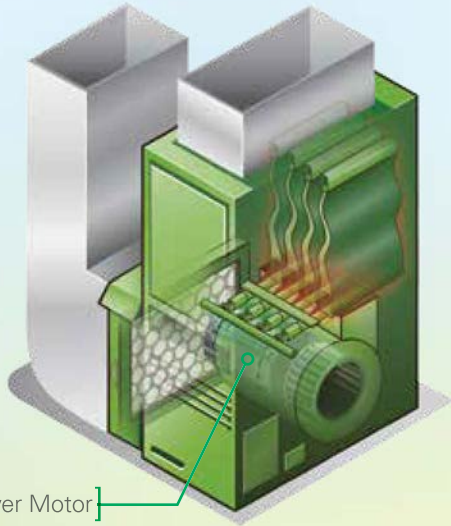
- Energy Savings
 - » Free Energy Savings Calculator App
 - » Up to 25% more efficient in heating and cooling modes
- Quiet Operation
 - » On/Off Ramping
- Optimized Continuous Fan Speed
 - » Energy Savings (up to 75% more efficient in continuous fan mode)
 - » Quiet operation (little to no air noise or draft)
 - » Increases Comfort (destratification)
 - » Increases Health (24hr operation of IAQ products)
- Constant Torque Technology
 - » Automatically supports airflow due to filter loading



EVERGREEN® IM APPLICATIONS

FURNACE AIR HANDLERS

INCLUDES PACKAGE SYSTEMS

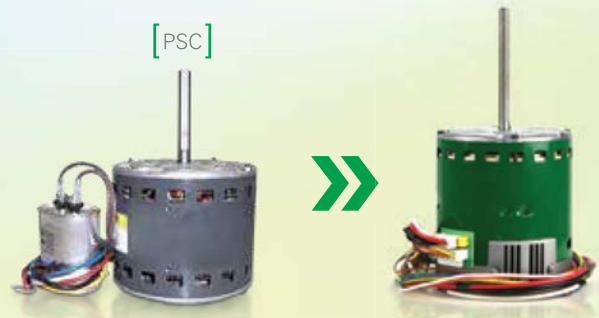


Blower Motor

Evergreen® IM

Replaces Permanent Split Capacitor (PSC), direct drive, induction motors with the following ratings:

- Horsepower: 1/4-1
- RPM Rating: 1075
- Voltage: 120 & 208-230
- Rotation: CW & CCW



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 IM Motors

| STOCK | HP | VOLTS | FLA | RPM | SPEEDS | SHAFT | DIM A | DIM B |
|-------|-------------------|---------|----------|------|--------|--------------------|--------|-------|
| 6005 | 1/2 (1/2,1/3,1/4) | 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" |

ROTATION: Reversible // FRAME: NEMA 48

Stock No. Cross Reference

| EVERGREEN STOCK NO. | US MOTORS STOCK NO. | AZURE/MARS STOCK NO. | MARS STOCK NO. | CENTURY STOCK NO. |
|---------------------|--|----------------------|----------------|-------------------|
| 6005 | 5520ET, 5521ET, 5530ET, 5531ET, 5522ET, 5532ET | 10800* | 10860* | CSL1056, CS1056 |
| 6010 | 5540ET, 5541ET, 5550ET, 5551ET, 5542ET, 5552ET | 10801* | 10861* | CSL1106, CS1106 |

* Evergreen IM can replace Azure when used in PSC mode, if used in X13 mode match to Evergreen EM

