

Fasco at the 2011 EASA Convention



Fasco was 1 of 156 companies that took part in the recent 2011 EASA Convention held in Denver, Colorado, in June. And as the show's theme ("Aspire to Leadership") described, Fasco was proud to have demonstrated our position as a leader in OEM direct replacement and general purpose motors, blowers and accessories by displaying all our latest and best-selling products.

If you stopped by the Regal-Beloit booth #401 to say hello, we were very glad to see you! If not, be sure to look for us at next year's event, to be held June 24-26, 2012, at the Gaylord Opryland Resort and Convention Center in beautiful Nashville, Tennessee!



New Product News

Introducing the Evergreen CM: The World's First Aftermarket ECM Commercial Motor

Fasco is proud to introduce a new addition to Genteq's Evergreen line: the Evergreen CM, the world's first universal electrically commutated motor (ECM) for aftermarket light commercial heating and cooling applications.

The new Evergreen CM uses up to 50% fewer watts than a standard indoor Permanent Split Capacitor (PSC) blower motor, and instantly upgrades the efficiency of most light commercial heating and cooling equipment.

Previously, the only option for business owners to have a more energy efficient HVAC system was to purchase a completely new ECM system. Now they have an easier option: simply upgrade their inefficient PSC motor with a high-efficiency ECM model. After all, many motors can last for 15 – 25 years, and a more efficient motor will save energy costs every single day. So when you add up those savings over decades of use, even small increases in efficiency can turn into big bottom line savings!



*Evergreen CM Motor
1/3, 1/2 & 3/4 HP*

The Evergreen CM motor is available for 277 V systems, counter clockwise or clockwise rotation, and outputs of 1/3 HP (Stock #6703), 1/2 HP (Stock #6705) and 3/4 HP (Stock #6707).

Evergreen CM Motors Feature:

- Efficiencies up to 80%.
- Variable speed, constant torque brushless DC design.
- 5 discrete speeds using 24 VAC (3 using 18 VDC).
- Variable Speed Control using auto-switch mode.
(Motor switches to variable speed mode when a PWM input is detected.)
- Operating speed range of 600-1200 RPM.
- Soft Start and Off Ramp for quieter operation.

Look for more information on other new Evergreen ECM motors in future issues of this newsletter. And for more information on the new Evergreen CM, contact your Fasco Sales Representative, or our Customer Service Department at 1-800-325-8313.

Congratulations to the Latest Gift Card Recipients in the New Fasco Rewards Program

Congratulations to the following Fasco Rewards Program participants who will receive \$100, \$75 or \$50 gift cards from our April Test drawing! Take the Fasco Rewards Test this month, and your name may be listed in the next issue!

- David Autry
- John Beckett
- David Bochenek
- Nancy Deaver
- Jim Dunn
- Steve Fair
- Jeff Goode
- Art Hermsmeier
- Jeff Kelley
- Roberta Lamp
- Bob Navrkal
- Jack Nuyen
- Daryl Poynter
- Mike Proffer
- Jeff Robinson
- Craig Schmidt
- Marc Steger
- Enrique Suazo
- Vicki Swenson

PLEASE NOTE:
All gift cards need to be used within 12 months.

Answers to April 2011 Fasco Rewards Test

1. B – 25%
2. C – Denver, Colorado
3. B – Temperature
4. D – All of the above
5. A – 42-43
6. D – 1/8 to 1/2
7. B – False
8. D – A160
9. A – True
10. D – All of the above

This Summer's Heat Wave Calls for Heat Shield™ Motors

With temperatures hitting the 100° mark over and over in much of the U.S. this summer, it's more important than ever for your customers to consider the potential for excessive ambient temperature for many of the motors they replace. That's why we'd like to remind you about our popular Heat Shield Motors from GE Commercial Motors by Regal Beloit.

Heat Shield motors are designed for high heat applications in ambient temperatures up to 70° C. They come in 1625, 1075 and 825 RPM, single- and 2-speed, 1/8 to 3/4 HP models. Plus, Heat Shield Motors offer additional benefits like...

- Run cooler, more efficiently than competition
- New & improved reversing plug
- Increased lead length to 48"
- Improved shaft water thrower
- Rheem mounting holes with mounting hardware included
- Quick connects on capacitor leads
- And much more



For more information on our Heat Shield Motors, see pages 142-144 of the new *Fasco Stock Replacement Catalog #45*. Or contact your Fasco Sales Representative or our Customer Service Department at 1-800-325-8313.

Some facts about temperature rise in motors

Fasco Facts offers many helpful facts about temperature rise in motors, which is the temperature of the motor winding compared to the temperature of the surrounding air (called ambient temperature). The amount of temperature rise over ambient is important because the insulation used in the motor is rated to withstand a specific level of heat before its insulating properties degrade.

You'll find some of these facts listed below, plus many more, in *Fasco Facts*. Keep a copy with you this summer and all year long, and you'll see what a helpful pocket reference it can be. Request a free copy from your Fasco Sales Representative or from our Customer Service Department at 1-800-325-8313.

- Heat is the primary enemy of motors. Excessive heat is the sign of a misapplication. It shortens insulation life, dries out the bearing lubrication system, and causes the overload protector to trip.
- Continuous duty motors should not operate at temperatures exceeding 100° C (212° F). The life of the bearings and lubrication system will be adversely affected.
- See pages 28-29 in *Fasco Facts* for many more helpful facts.

Catalog Correction

On page 134 of the *Fasco Catalog #45*, you'll see that the "Features" section for the Morrill Motors ARKTIC SSC² incorrectly shows it as having "2 speed operation for increased energy reduction." In fact, the specification chart shown on that page has the correct information – that it is a single speed motor. We apologize for any confusion this may have caused.