

New Product News

Introducing New High Efficiency and NU Series Motors from ELCO Motors

Fasco is pleased to announce that we're now offering new motors from ELCO: the Aftermarket High Efficient ECM-IP Series Motors and Shaded Pole NU Series Motors.

ELCO Motors' **ECM-IP Series Motors** are the company's second generation of high-efficiency electronically commutated motors, which are widely used in industrial and commercial refrigeration for condensing and evaporating units, food and beverage coolers, freezers, supermarket display cases, walk-ins and reach-ins. These new ECM-IP motors offer efficiency rates up to 70%, which is 4-5 times more efficient than a traditional shaded pole fan motor. That means pay back on new and retrofit applications can be as short as 6 months!

Features include:

- **Moisture protection:** Totally enclosed - IP65 & IP66 moisture protection grade
- **Operation:** All angle, continuous air over
- **Rotation:** CCW from shaft end
- **Bearings:** Long-Life Sealed Ball Bearings
- **Cord terminals:** 3 pin & 2 pin, 90°
- **Fan blade hub:** 4 pins (.133" Ø) on 1" Ø B.C.
- **Front mounting:** M4 studs on 3.72" B.C. for guard
- **Drop-in replacement** to front mount shaded pole/ECM

ELCO's **NU Series Aftermarket Shaded Pole Motors** are widely used in industrial and commercial refrigeration for condensing and evaporating units, freezers, food and beverage coolers, bottle coolers, walk-in and reach-in coolers and ventilating units. They're suitable for all angle operation, and offer multiple mounting features plus a wide choice of fan blades and shrouds for best airflow.

Features include:

- **Type:** AC / shaded pole / 4 poles / single speed
- **Range:** From 1/375 HP to 1/20 HP (2 to 34 watts)
- **Enclosure:** Totally enclosed
- **Bearings:** Self-lubricating and self-aligning long life Sintec sleeve bearings (Ball bearings on request)
- **Duty:** Continuous air over
- **Insulation/Protection:** Class B. Impedance or thermally protected
- **Operation:** Standard operating temperatures: -40°F to 104°F (-40°C to 40°C)

For more information on the new ELCO Aftermarket High Efficient ECM-IP Series Motors and Shaded Pole NU Series Motors, contact your Fasco Sales Representative or our Customer Service Department at 1-800-325-8313.



NU Series Motors

ECM-IP Series Motors

Aftermarket High Efficient Motors - ECM-IP Series

Stock No.	Watts	Volt	RPM	Amp
EC-HE-0147	12	115	1450	0.18
EC-HE-0170	12	115	1450	0.18
EC-HE-0176	15	115	1600	0.22
EC-HE-0182	10	115	1550	0.19

Aftermarket Shaded Pole NU Series Motors

Stock No.	Watts	Volt	RPM	Amp
EC4W115	4	115	1550	0.36
EC4W230	4	230	1550	0.18
EC5W115	5	115	1550	0.40
EC5W230	5	230	1550	0.20
EC6W115	6	115	1550	0.41
EC6W230	6	230	1550	0.20
EC9W115	9	115	1550	0.58
EC9W230	9	230	1550	0.35
EC16W115	16	115	1550	0.85
EC16W230	16	230	1550	0.50
EC34W115	34	115	1550	1.60
EC34W230	34	230	1550	0.80

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 June Test drawing! Take the Fasco Rewards Test this month, and your name may be listed in the next issue!

- Carmen Alletto
- Bruce Ballinger
- Dale Barbour
- Kathy Bello
- Steve Bliss
- Scott Callahan
- Lori Cantoria
- Tom Corp
- David Drew
- Steve Fair
- Dick Geiken
- Carlos Gutierrez
- Roberto Lamp
- Ryan Lewis
- Brian O'Halloran
- Mike Proffer
- Terry Smith
- Daniel Williams
- Tom Yeiter

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

Answers to June 2011 Fasco Rewards Test

1. C – 1/5 and 1/3 HP
2. A – True
3. B – 1/3
4. D – All of the above
5. A – D382
6. B – False
7. C – 30%
8. B – Slip
9. A – 1-6009
10. D – All of the above

Regal Beloit Acquires Electrical Products Company From A.O. Smith

Regal Beloit, the parent company of Fasco Motors, recently completed its acquisition of the Electrical Products Company (EPC) from A.O. Smith Corporation. The transaction, valued at approximately \$875 million, includes EPC assets and headquarters in Tipp City, Ohio, as well as motor manufacturing facilities in the U.S., Mexico, China and the United Kingdom. So in addition to Fasco Motors, our Regal Beloit family of companies also includes many other brands you know and trust, like G.E. Commercial Motors, Genteq, Morrill Motors, Elco Motors... and now, A.O. Smith.



A.O. Smith's Electrical Products Company (EPC) is now part of Regal Beloit Corporation.

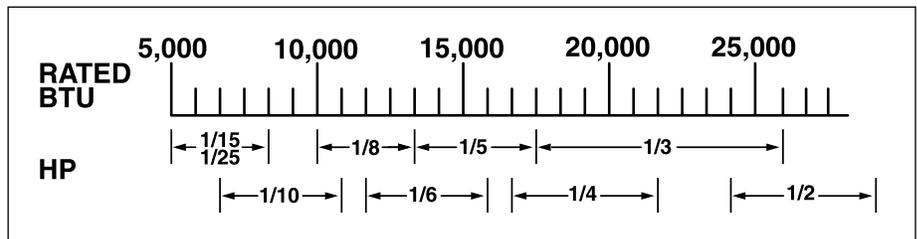
Tech Tips

Rating Motors with BTUs

If you've ever had trouble determining horsepower ratings when your customer is replacing a window air conditioner motor that doesn't have a horsepower listing on the motor nameplate, the following chart may help.

The guidelines below can help you successfully approximate motor horsepower. Please keep in mind that in some cases the horsepower ratings may overlap, and that there may be exceptions to these general guidelines. For example, you might find a 1/10 or 1/8 horsepower motor in a 10,000 BTU window air conditioner. (Note: there are 12,000 BTUs in 1 ton of air conditioning.)

Window Air Conditioner



For central air conditioning systems, use the chart below to approximate motor horsepower ratings.

Central A/C System Condenser Fan Motors

SYSTEM	HP
2 TON	1/5
2 1/2 TON	1/4
3 TON	1/3
3 1/2 TON	1/2
4 - 5 TON	3/4
7 1/2 TON	1

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