

PRODUCT NEWS

Beating the Heat is a Breeze with Fasco's Ultra High Efficiency ECM Air Circulator Fan Heads

At Fasco, we have one of the largest lines of replacement motors available for keeping HVAC systems running smoothly during the heat of summer. But what about for spaces like warehouses, factories, etc. that don't have air-conditioning? With cooling season fast approaching, we'd like to remind you that Fasco has the answer for that, too: our Ultra High Efficiency ECM Air Circulator Fan Heads!

Available in 115 volt and 208-230 volt models, and in 30" and 24" sizes, Fasco's ECM Air Circulator Fan Heads

help put a cooling breeze where it's needed. They also help cut energy costs, thanks to their high efficiency, totally enclosed ECM motors. Our fan heads feature high efficiency, corrosion resistant aluminum fan blades, which come pre-assembled, ready to secure to a mounting accessory (not included) with two screws (included). Other features include OSHA compliant chrome plated wire fan guards, a locking tilt adjustment and a pull chain for easy operation.



Ultra High Efficiency ECM Air Circulator Fan Heads are available in 115 volt and 208-230 volt models, in 30" and 24" sizes.

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TECH TIPS

Capacitor Reliability: Another Way to Keep Your Cool This Summer

There's no doubt about it: a bad capacitor can cause problems, like making a motor work too hard, reducing motor life, increasing an HVAC system's noise levels and energy consumption, plus much more. Here are a few tips from *Fasco Facts* that can help save time, money and aggravation.

- Capacitor ratings are printed on the capacitor itself, the motor nameplate or the system wiring diagram. You must know this rating to properly choose a replacement capacitor.
- Capacitors are rated by both capacity (2 Mfd, 5 Mfd, etc.) and voltage (370 Volt, 440 Volt, etc.). The rated capacitor size should

not be changed, since the motor operates at maximum efficiency when using the specified capacitor size. If necessary, the replacement capacitor voltage rating can be higher than specified, but not lower without impairing capacitor life.

- Replace the capacitor when replacing a defective motor. If a defective capacitor is in the circuit, the motor probably will not run. If it does run, it will operate as if overloaded. The motor speed will be low, and it will overheat and probably trip the overload protector.
- A high-quality capacitor can hold a charge for long periods of time. To prevent a painful shock, the

capacitor should be discharged before its removal.

- If you're a distributor who bench tests motors, be sure to discharge the capacitor with an appropriate resistor after your test. Depending on how the motor leads are connected, it may discharge through the windings when the motor is de-energized.

You'll find more helpful capacitor tips in Fasco Facts on pages 15-17, and our full line of capacitor products on pages 112-114 and 162-166 of your Fasco Catalog #45.



MARKETING NEWS

Look for a New Schedule of eLab Training Sessions This Fall

In last month's issue of the newsletter, we mentioned that our schedule of upcoming training sessions was going to begin this May. However, after reviewing our training staff's increasing schedule of on-site training commitments for the next few months – and listening to feedback from our distributors like you saying late spring and summer are often their busiest times as well – we've decided to postpone future eLab sessions until the fall.

We'll publish more information about our fall eLab sessions later in the summer here in your newsletter, as well as at thedealertools.com. But in the meantime, remember that these free sessions are a great way for your distributorship staff and your customers to learn more about ECM motors. Plus, NATE-certified technicians will receive 1 hour credit per each class hour taken toward recertification in all of their current forced-air disciplines! So look here and online for more details in the coming months.

Tradeshow Schedule

Our representatives will be hitting the road again soon, attending a number of industry events across the country where they'll be showcasing some of our best-selling direct replacement motors, blowers and accessories.

So if you're attending either of the shows listed below, be sure to stop by the Regal Beloit booth and say hello!

EASA (Electrical Apparatus Service Association) Convention

Boston, Massachusetts
June 29-July 1

Comfortech

Nashville, Tennessee
September 9-11

PRODUCT NEWS

ECM Air Circulator Fan Heads (continued)

Fasco's ECM Air Circulator Fan Head Features...

- 30" models use just 78 watts to move 5700 cfm
- 24" models use just 60 watts to move 3300 cfm
- Flows up to 9700 cfm
- 115 volt models come with a 10-foot, 23-cond power cord with grounded molded plug
- 208-230 volt models have a conduit box for hard wiring
- 120°F ambient rated
- Ball bearings
- UL and C-UL listed

For more information on Fasco's Ultra High Efficiency ECM Air Circulator Fan Heads, contact your Fasco Representative or call Customer Service at 1-800-325-8313.

Energy Savings Estimates (Watts):

	24" Units	30" Units
HIGH SPEED	75	110
MED SPEED	100	160
LOW SPEED	75	110

115 Volt High Efficiency Air Circulators

PROPELLER DIA (in)	24	30
CFM High	6300	9700
CFM Med	5300	7700
CFM Low	3300	5700
AIR VELOCITY @20 ft. (FPM)	494/410/239	749/676/534
HP	1/3	1/3
RPM	1158/972/652	972/768/570
WATTS	290/179/60	371/182/78
AMPS	2.5/1.6/.50	3.2/1.6/.65
NO. OF BLADES	3	3
CATALOG NO.	F9001	F9002

208-230 Volt High Efficiency Air Circulators

PROPELLER DIA (in)	24	30
CFM High	6300	9700
CFM Med	5300	7700
CFM Low	3300	5700
AIR VELOCITY @20 ft. (FPM)	494/410/239	749/676/534
HP	1/3	1/3
RPM	1158/972/652	972/768/570
WATTS	290/179/60	371/182/78
AMPS	1.3/.78/.26	1.6/.79/.34
NO. OF BLADES	3	3
CATALOG NO.	F9003	F9004