



news release

For immediate release

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Emerson Motor Technologies Introduces Motor Lines 100 Percent Compliant with NEMA Premium™ Standards

Emerson boasts total compliance in totally enclosed fan cooled and open dripproof lines

St. Louis, Mo., Aug. 19, 2002 – Emerson Motor Technologies offers an extensive line of totally enclosed fan cooled (TEFC) and open dripproof (ODP) motors that comply 100 percent with the new National Electrical Manufacturers Association (NEMA) premium efficiency standards (NEMA Premium™).

NEMA Premium is a registered trademark of the National Electrical Manufacturers Association and may only be used on products covered by a memorandum of understanding between the manufacturer and NEMA. The new criteria were established in August 2001 under the Premium-Efficiency Motors Initiative, spearheaded by the Consortium for Energy Efficiency.

“Few motor manufacturers can make a claim of total NEMA Premium compliance, but we can, and we have the technology and research to back it up,” said Rob Boteler, marketing director. “Emerson plans to continue year after year to meet these standards, and strive to maintain its leadership role in developing energy efficient solutions for our customers.”

The most comprehensive in the industry, NEMA Premium sets standards for temperature, torque, inrush current, power factor and overall design. These strict standards were used in the design and construction of Emerson’s general purpose, three phase ODP motors (1-250 HP) and its general purpose, three phase TEFC motors (1-200 HP) including:

- Unimount®
- Hostile Duty®
- Corro-Duty
- TITAN® 2300/4000 volt
- 841 PLUS®

TEFC and ODP motors in the 200-500 HP range that are also compliant with NEMA Premium standards are available upon customer request.

Each of Emerson Motor Technologies’ NEMA Premium motors is inverter ready and

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resistant to power quality problems. They also feature the company's unique ALLGUARD® motor quality system. Emerson's NEMA Premium products can be installed without the addition of new starters or wiring to an existing system.

Premium efficiency motors are 1-4 percent more efficient than motors meeting federal minimum efficiency standards. Because many motors operate 40-80 hours per week (or more), even small increases in efficiency can yield huge energy savings.

Emerson Motor Technologies, a global leader in the design and manufacture of electrical motors, provides a complete line of general and special purpose electric motors from 1/200 through 4,000 horsepower. Brands such as Emerson, Doerr, U.S. Electrical Motors, Hurst, and Switch Reluctance Drives allow Emerson Motor Technologies to support a wide variety of applications including commercial and industrial, appliance, hermetic, automotive, and HVAC. For more information about Emerson Motor Technologies visit www.emersonmotors.com.

St. Louis-based Emerson (www.gotoemerson.com) is a global leader in bringing technology and engineering together to provide innovative solutions to customers in industrial automation; process control; heating, ventilating and air conditioning; electronics and telecommunications; and appliance and tools. Sales in fiscal 2001 were \$15.5 billion.

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