



NEWS RELEASE
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**Emerson Motors Develops
Cooling Tower Duty Motors**

St. Louis, MO – Emerson Motors, a division of Emerson (NYSE: EMR), has developed a full line of Epact and Premium Efficient cooling tower duty motors (2-100 Hp) designed to operate in 100% humidity conditions and the most corrosive environments.

Emerson Motor's cooling tower innovations, designed for long-life and low motor maintenance, include double-sealed bearings, potted leads, bearing caps on 280 Frame and above, a heavy gasketed conduit box and cover, sealed lead openings, sealed bracket-to-frame registers, and a unique umbrella-type seal for shaft-up mounting.

"The double-sealed bearings throughout are the ultimate in ensuring that contaminants are kept out and field maintenance is all but unnecessary with grease that never needs to be changed." said Tim Albers, NEMA Products Manager. "We use only Exxon Mobil POLYREX EM™ grease as part of our ALLGUARD® Motor Quality System used on every motor. This grease provides longer life at higher loads and temperatures, has low noise properties and has good low temperature starting capabilities."

Installation ease, flexibility and reliability were also considered in the cooling tower duty motor design. Quantum Shield™ inverter grade wire is used as a measure against voltage spikes and the motor frames are constructed of cast iron (140 Frame rolled steel) to ensure better fits and no flexing. The Premium Efficient Inverter Duty motors can also be installed with no limitations on cable length.

HVAC Market Manager Judi Carpenter said, "The new cooling tower motor will meet NEMA part 31 and help our customers' products meet the new ASHRAE 90.1 standards."

Emerson Motors, 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 Doerr, US Electrical Motors, Emerson, Hurst, Switch Reluctance Drives, and Status Technologies allow Emerson Motors to support a wide variety of applications including commercial and industrial, appliance, hermetic, automotive, and HVAC. For more information about Emerson Motors visit their Web sites at www.emersonmotors.com or www.usmotors.com or contact the US Electrical Motors Literature Hotline at (800) 665-4850.

St. Louis-based Emerson (www.gotoemerson.com) is a global leader in providing customers with innovative technologies and solutions in five business segments: industrial automation; process control; heating, ventilating and air conditioning; electronics and telecommunications; and appliance and tools. Sales in fiscal 2000 were \$15.5 billion.

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