



*The broadest offering.
Decades of experience.
Reliable solutions.*

**Why trust your
cooling tower motors
to just anyone?**

Emerson. The name you can count on for cooling tower duty motors:

- More than 25 years of cooling tower market experience
- The first manufacturer to design a motor specifically for cooling tower applications
- A broad product line, with thousands of ratings
- Both Totally Enclosed Fan Cooled (TEFC) and Totally Enclosed Air Over (TEAO) enclosures for application flexibility
- NEMA Premium® energy efficient single speed motors, plus energy efficient 2-speed designs
- Easy-to-use e-business website with detailed engineering data for each motor rating

With more than 25 years of experience designing and manufacturing motors for cooling tower applications, Emerson Motor Technologies has a proven track record of providing dependable performance and easy maintenance in the highly corrosive environments typically found inside cooling towers.

We understand the harsh, 100% humidity conditions in which these motors have to operate, and over the years have worked with leaders in the industry to develop motors that meet these unique needs. The result: A superior product that provides reliability, durability and efficiency.

Emerson offers the broadest selection of cooling tower duty ratings in the industry. Standard stock ratings are available in both Totally Enclosed Fan Cooled (TEFC) and Totally Enclosed Air Over (TEAO), and include a complete line of 2-speed models. All of our single speed designs meet NEMA Premium® energy efficiency levels and our 2-speed designs are among the most efficient in the industry. What's more, all of our premium efficient designs are now available on our Ready Line—offering typical lead-times within just 2 days of your order.

Emerson's experienced engineers are available to assist you with technical support and application engineering. We also provide one of the easiest-to-use e-business sites in the industry (MotorBoss®), which offers easy online ordering, as well as detailed engineering data and submittal packages for each rating.



Member



EMERSON™
Motor Technologies

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www.emersonmotors.com

Emerson Cooling Tower Duty Motors



Our new premium efficient cooling tower duty motors offer improved bearing protection:

- VBXX® bearing isolator
- Same size bearings, both ends
- Bearing caps packed with grease
- Double-sealed bearings

When it comes to cooling towers, downtime is NOT an option.

We understand how critical your application is...downtime can not only cost you money, it can affect the environment, as well. We know that when you need a motor, you need it fast—and you need the right motor for the job.

That's why, at Emerson Motor Technologies, we continue to collaborate with industry leaders and end users to improve our products and processes to exceed your quality and delivery expectations. A great example of that collaborative effort is our revolutionary new Ready Line at our Southaven Customer Service Center.

The Ready Line uses a unique new process based on lean design and lean manufacturing principles to produce all of our premium efficient cooling tower duty motors *on demand*...as each individual order comes in. What some suppliers may be able to deliver in 4 to 8 weeks, Emerson can provide typically within just 2 days. And that's on almost any cooling tower duty motor you need, including thousands of ratings and even with options such as space heaters and thermistors!

So when you need a cooling tower duty motor, you know that you can count on Emerson.

A full range of cooling tower duty motors:

- Enclosures: Totally Enclosed Fan Cooled (TEFC) and Totally Enclosed Air Over (TEAO)
- Horsepower: 2-100 hp
- RPM: 1800, 1200, 1800/900 (1- and 2-winding), 1200/600 (1- and 2 winding)
- Efficiency:
 - Single Speed – Epact Efficient and NEMA Premium® Efficient
 - 2-Speed – Energy Efficient and Premium Efficient
- Voltage: 200, 230/460 (single speed), 460 (2-speed), 575
 - All voltages at 60hz with 1.15 service factor on sine wave power
 - Single speed designs are Inverter Duty and meet NEMA MG-1 Part 31 with 1.0 service factor on inverter power
 - Single speed 230/460v models also rated at 190/380v 50hz, 1.0 service factor
- For complete product specifications, see our eCatalog at www.emersonmotors.com or call us at 1-888-637-7333.



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