EMERSON™
Motor Technologies

COOLING TOWER DUTY

Designed to operate in 100% humidity conditions and corrosive environments typically found inside cooling towers.

HP – 2 through 100 hp

Phase – Three Phase

Pole Options –
- 4 pole and 6 pole
- 4/8 (2-speed, 1-winding and 2-winding)
- 6/12 (2-speed, 1-winding and 2-winding)

Voltage – 200, 230/460 and 575 Volt (multi-speed motors are single voltage only)

Efficiency – EPACT & Premium Efficient

Enclosure –
- Totally Enclosed Fan Cooled (TEFC)
- Totally Enclosed Air Over (TEAO)

Construction – Cast Iron Frame

Mounting – Designed for both vertical and horizontal Mounting.

Conduit Box – Standard NEMA®† Conduit Box

Bearings – Double sealed bearings for minimal field maintenance

Temp Rise – NEMA®† Class B Rise

Inverter Duty – Premium Efficient Inverter Grade® brand motors are full inverter duty design to meet NEMA®† MG-1 Part 31 requirements for use with inverters **without cable length restrictions** in the field.

Agency – UL®† Recognized and CSA®† Certified

† All non-Emerson Electric Co. marks shown within this document are properties of their other respective owners

Ready Line℠ Assembly: Customization is now standard!

All our Premium Efficient Cooling Tower motors are assembled to order for you with Emerson's revolutionary **Ready Line**℠ assembly process. Each motor is assembled to maximize ingress protection for the specified mounting position and to provide options like strip heaters and thermistors. Customized motors can now be shipped in days rather than weeks. **Don't compromise your specifications for lead times anymore!**

FEATURES AND BENEFITS

- All single speed Premium Efficient models meet NEMA Premium®† efficiency levels.
- VBXX®† seal installed on 'wet' end for Premium Efficient motors
- Thousands of configurations and ratings to choose from
- Special balance on Premium Efficient models (<0.08 in/sec for Inverter Duty)
- Breadth of Inverter Duty & Two speed models assist customers in meeting ASHRAE®† Std. 90.1
- Standard Efficient models are also offered

When Reliability Counts.