BAC has worked with motor manufacturers to develop rigorous standards for cooling tower duty motors. While our competition and supply companies might offer replacement motors that will initially function in a cooling tower, only BAC offers top quality motors that will reliably continue to operate in the harsh cooling tower environment, resulting in less motor failures, downtime, and replacements. Here at BAC, we believe in our motors so much that we stand by them with a 7 year warranty when the motor space heater is wired according to the motor wiring diagram.

**Industry Rated Performance and Durability:**

- Built according to inverter duty NEMA Standard MG1, Section IV, Part 31 and designed for operation in 100% humidity
- IEEE 112, Method B, tested ensuring performance and survivability
- IP55 rating for superior protection against pressurized water jets from all directions

**Energy Efficient with Flexible Installation:**

- Meets or exceeds all NEMA Premium and Consortium for Energy Efficiency energy requirements with efficiency values certified by UL (CSA C390)
- Meet Design B torques, maintaining exceedingly high breakdown and locked rotor torque while providing the highest rated efficiency levels
- Designed to operate in either horizontal, shaft up or shaft down positions
- Multiple end shield drain plugs for all position mounting
Rugged Features Increase Longevity

- Permanently sealed with a double seal 2RS ball bearings
- V-ring slingers on both end shields and an umbrella seal on drive end protect from water and contaminants and provide better electrical and mechanical longevity
- Frame made of high grade cast iron for maximum cooling
- Rear shaft bearing seal prevents water intrusion
- Rubber lead separator between terminal box and frame provides another barrier of protection against water and contaminants
- Internal and external resin and epoxy paint provide maximum moisture and corrosion protection, inside and out

**NOTE:** As of 2017, space heaters are shipped with all motors. There is a 7 year warranty on the motor when the space heater is wired according to the wiring diagram.

Many of our motor models ship same day!