

Tower Power



The new Baldor RPM AC[®] Cooling Tower Direct Drive Motor sets a new standard in cooling tower motors. Designed exclusively for cooling tower applications, the RPM AC motor mounts directly to the cooling tower fan, eliminating high-maintenance gearboxes, driveshafts and couplings. Combined with Baldor's VS1CTD proprietary adjustable frequency drive, this slow speed, high torque combination operates at variable speeds to maximize system efficiency and minimize noise. Perfect for new installations or for retrofitting older, less efficient cooling tower systems, the RPM AC Cooling Tower motor and VS1CTD Cooling Tower drive offer improved reliability while greatly reducing maintenance costs and energy consumption.

Check out our website for case studies, installation photos and additional information about the revolutionary new RPM AC Cooling Tower technology from Baldor. We are truly changing the future of cooling tower technology!

baldor.com

- Energy Efficient
- Unmatched Quality
- Superior Reliability
- Low Maintenance
- Quiet Operation
- Made in the USA

BALDOR[®]

The New Baldor•Reliance® RPM AC® Cooling Tower Direct Drive Motor

Direct Drive is the Answer to Cooling Tower Efficiency and Reliability



The most common solution for driving the fan in modern cooling towers utilizes an induction motor, driveshaft, disc couplings, guards and gearbox arrangements. Historically, this configuration resulted in high maintenance, vibration, noise levels and high energy consumption. For years, this has been the standard operating system for cooling towers...until now.



A "typical" cooling tower fan drive featured a right angle gearbox mounted under the fan powered by a driveshaft attached to an induction motor.

A Better Way

The Baldor•Reliance RPM AC Cooling Tower Direct Drive Motor is designed exclusively for the cooling tower industry. The RPM AC motor is a very power dense, high torque industrial motor that mounts directly to the fan, eliminating the entire gearbox and driveshaft torque transmission components. The Totally Enclosed Air Over (TEAO) RPM AC cooling tower motor is designed and built to be maintenance-free and tough enough to survive the cooling tower's "rain forest" environment.



The Baldor•Reliance RPM AC Cooling Tower Direct Drive Motor mounts directly to the fan.

Available in either flange mount or foot mount designs with flange mount units designed to interchange with most popular

gear box bolt hole mountings. This makes the RPM AC the perfect choice for new tower designs OR retrofit applications.

Quiet and Energy Efficient



By combining the technologies of the RPM AC motor with the matched performance of a Baldor VS1CTD control, optimal speed and cooling tower performance is achieved resulting in a quieter system that dramatically reduces energy consumption.

We Can Prove It!

Visit baldor.com for more information and case studies. The Baldor•Reliance RPM AC Cooling Tower Direct Drive Motor is the answer to cooling tower efficiency and reliability.

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