



PRODUCT SPOTLIGHT:

The New Series 3000

MODULAR COOLING TOWER FOR INDUSTRY



Higher Capacity, Smaller Footprint

With 31 new models, 3 new box sizes, and up to a **16% increase in capacity**, the NEW Series 3000 can easily handle system loads over 40,000 USGPM.



The New Series 3000 Open Cooling Tower

Modular Units

Save time and space by using high capacity modular units with pre-engineered solutions

- ✓ Pack more cooling into smaller footprints
- ✓ Half the lead time of field erected units
- ✓ CTI certified thermal performance

Heavy Duty Materials of Construction

Designed and tested for adverse environments, the Series 3000 has options designed and tested to suit the most intense projects:

- ✓ G-235 Galvanized Steel, Stainless Steel, or FRP Casing Panels
- ✓ Ultimate basin durability with the TriArmor® Corrosion Protection System
- ✓ Full unit protection with JE Premier Series, EVERTOUGH™ Construction or a thermosetting hybrid polymer construction



Series 3000 Cooling Tower with EVERTOUGH™ Construction

THE PERFECT FIT:

- ✓ Basinless options for installation on existing or new concrete sumps
- ✓ Direct access to maintenance features for reliable performance
- ✓ Optimized turndown for variable flow rates
- ✓ Easily replaces field erected towers

PRODUCT SPOTLIGHT:

Build the Tower that Meets Your Needs

Multiplex Units for High Load Systems

- ✓ Up to 4,500 USGPM of capacity **per cell**
- ✓ Reduce risk with multiple certified units
- ✓ Allow for phased installations
- ✓ Maintain partial capacity during scheduled shutdowns
- ✓ Easily add redundancy to new or existing systems

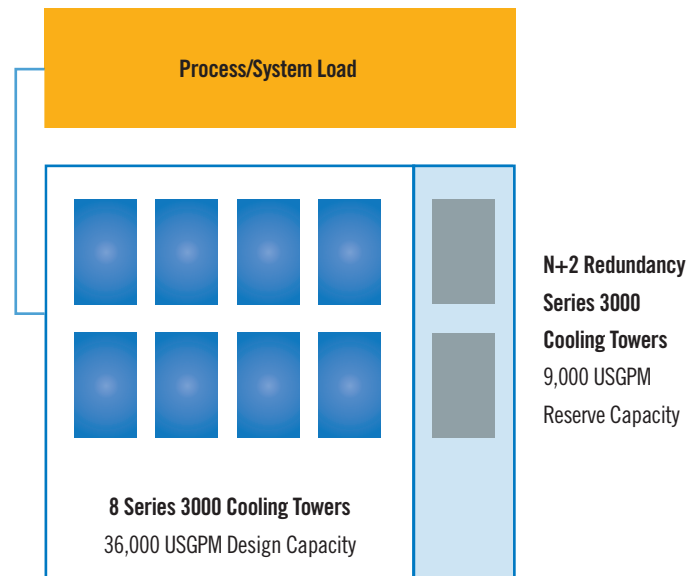
Features and Options for Increased Reliability and Serviceability

- ✓ Low fouling crossflow fill
- ✓ BALTIguard PLUS® Fan System provides drive train redundancy
- ✓ Complete access packages for simplified maintenance
- ✓ Built in features for minimal downtime during service:
 - › External access to spray system
 - › Sloped cold water basin with cleanable strainer
 - › Large plenum for drive component maintenance

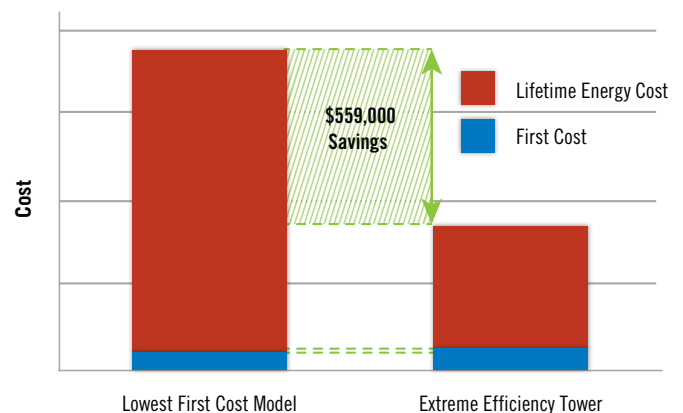
XE - Series 3000 Models

- ✓ Extreme efficiency with low horsepower, high capacity models
 - › All XE Cooling Towers are at least two times the ASHRAE 90.1 Standard
- ✓ Lowest total cost of ownership
 - › 47% reduction in energy costs for a 3000 USGPM system
 - › Payback of less than one year
- ✓ Reduced energy consumption

Easily Implement Redundancy



3,000 USGPM Selection Series 3000 vs XE-Series 3000 Model Comparison of First & Operating Cost



Note: Selection made for a process cooling application running 5000 equivalent full load hours (EFLH). Operating costs based on fan kW x \$0.12/kWh x 5000 EFLH x 20 years (2011 ASHRAE Handbook HVAC Applications) x 3% per year energy inflation factor.



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PRD 216/2013

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