



# Cooling for High-Density Computing

Complete systems. Proven expertise. Confidence from day one.





# Why BAC?

From concept to deployment, BAC adds value beyond the equipment helping ensure data center cooling systems are delivered smoothly, reliably, and with confidence. We collaborate across the entire project ecosystem, supporting early system design, installation and startup, and long term operation to help cooling systems perform as intended throughout their lifecycle.

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## TrilliumSeries® Dry Cooler/Adiabatic Cooler

- For mission critical sites requiring high heat rejection capacity, and energy savings in water stressed regions
- Also available in the adiabatic configuration for increased capacity during peak ambient conditions
- Maximized uptime with independent fans, VFDs, and coils that provide redundancy for continuous operation
- Low-sound configurations support urban sound sensitive applications, including night quiet operation (up to 13 dB reduction)
- Reduced installation and operating costs with single-point wiring and maintenance modes



## HXV Hybrid Cooler

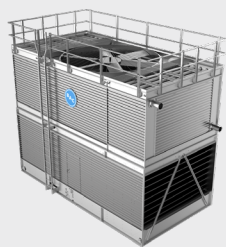
- For facilities where water is limited, uptime is critical, and balanced water and energy performance is required
- Up to 50% water savings—year-round sensible cooling to maximize savings on water, chemicals, and maintenance
- Up to 60% lower energy use versus air-cooled systems
- Reduce scale and ensure peak system efficiency with the combined flow technology



## TrilliumSeries® Adiabatic Cooler/Dry Cooler

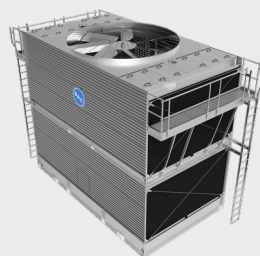
- For applications where energy efficiency is paramount but where water must be used sparingly
- Low energy and water consumption enabled by a high dry switch point and intelligent controls aligned with data center efficiency targets
- Proven reliability with thousands of units installed globally and millions of run-hours supporting 24/7 data center operation
- Simplified installation with single-point power, a compact footprint, and single-piece lift are ideal for constrained sites





## FXV3 Closed Circuit Cooling Tower

- Ideal for maximizing efficiency and space savings in a closed loop on large projects
- Optimized coil and fill design helps maintain peak efficiency for critical data center cooling loops
- Easy access to key components with large doors and internal walkway
- Direct-drive EC fan system is high efficiency with no belts or grease
- Lower installation time and costs compared to field-erected alternatives



## Series 3000 Cooling Tower

- For large and phased expansion projects, minimize space needed by fitting multiple units together
- Ultra-low energy XE models support hyperscale and enterprise data center efficiency targets
- Exceeds ASHRAE 90.1 requirements, supports compliance and sustainability reporting
- Easy access to key components with large doors and internal walkway



## Immersion Cooling Tank

*powered by CorTex™ Technology,  
Intel® Certified*

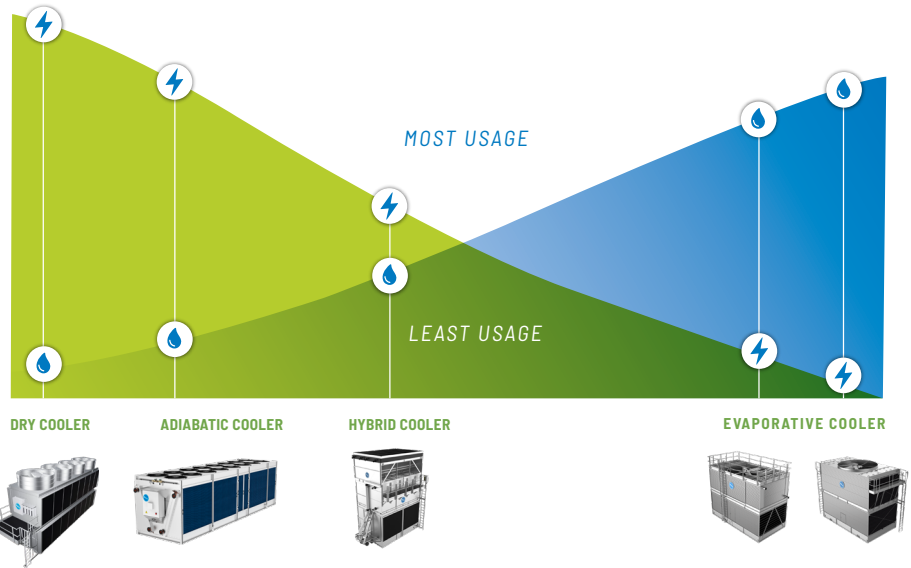
- Ideal for high-density compute with future-ready scalability and greater energy efficiency compared to air cooled server racks
- Seamless integration with BAC's COBALT™ immersion cooling system—a complete data center cooling solution
- Patented leak-free tank design with no penetration below the fluid level
- Sealed filter-free design virtually eliminates maintenance and fluid handling and enables long-term reliability
- Enables PUE <1.05





## Outdoor Heat Rejection Units

WATER AND ENERGY  
USAGE BY COOLER TYPE



**10+**

**Manufacturing Facilities**

Global Standards,  
Local Manufacturing

**1,000+**

**Patents**

Cooling Solutions,  
Patented Worldwide

**150+**

**Global Sales Network**

Expert Care,  
Committed Personally

**85+**

**Years, Est 1938**

Sustainable Philosophy,  
Global Responsibility

### About BAC

BAC is proud to be the world's cooling partner. Since 1938 we have been creating sustainable comfort cooling, process cooling, and refrigeration solutions for the most essential and demanding environments on earth. From pioneering adiabatic cooling products to leading the industry toward a better tomorrow, BAC innovates for the future, so we can all advance together.

Scan here to  
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