



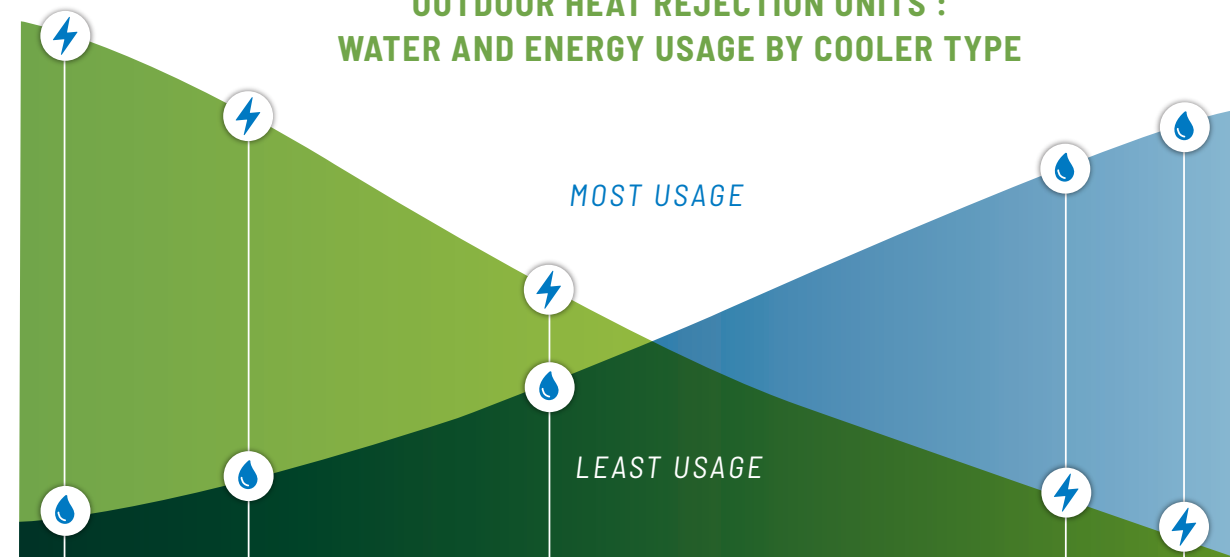
BAC's cooling solutions combine a wide range of heat rejection technologies with immersion cooling tanks. This enables scalable high-density computing with sustainable and reliable operation for data centers, solving the cooling challenges of tomorrow, today.



OUTDOOR: HEAT REJECTION TECHNOLOGIES

Each BAC cooler offers a unique balance between Power Usage Effectiveness (PUE) and Water Usage Effectiveness (WUE), providing options to meet site specific goals. The complete BAC cooling system protects the servers while optimizing data center performance and operating cost.

OUTDOOR HEAT REJECTION UNITS : WATER AND ENERGY USAGE BY COOLER TYPE



DRY COOLER

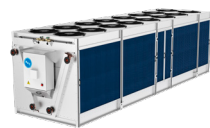
ADIABATIC COOLER

HYBRID COOLER

EVAPORATIVE COOLER



Use air to reject heat, **no need for water** to cool indoor spaces



During the hottest days, **small amounts of water** are used to pre-cool air to save energy



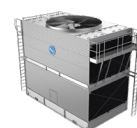
With **both evaporative & dry capabilities**, this solution offers sites a balance of water and energy usage

CLOSED
CIRCUIT
COOLING
TOWERS



Keep the system clean and contaminant-free in a closed loop while **using evaporative cooling**

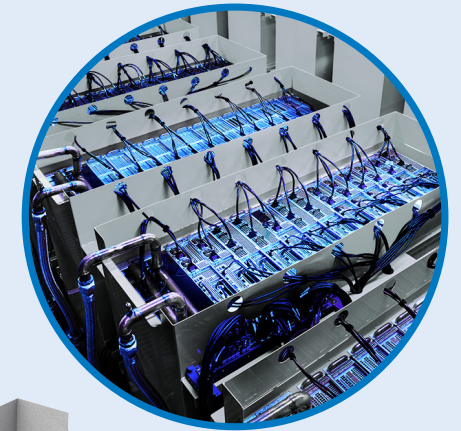
OPEN
COOLING
TOWERS



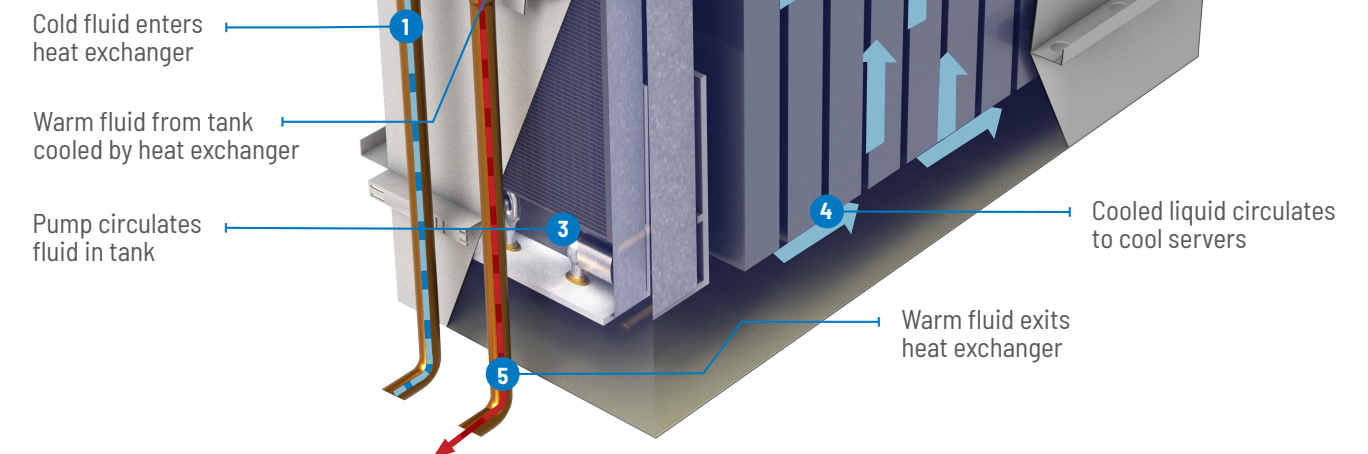
Water flows directly over the heat transfer surface **saving energy**

INDOOR: IMMERSION COOLING TANK

With the rapid growing demand for data centers, facilities are requiring the most advanced and sustainable cooling solutions on the market. BAC delivers patented and proven immersion cooling technology to cool servers, which have remarkable scalability and maximum energy efficiency.



IMMERSION COOLER



SCALABILITY

Supports server rack density increases for future expansion in a compact space



ENERGY EFFICIENCY

51% less overall energy and 95% less cooling energy than traditional designs



HIGHEST RELIABILITY

Eliminates common failure points extending server life, no need for a chiller



MINIMAL MAINTENANCE

Virtually zero maintenance required, reducing operational costs

BAC has unmatched experience providing specialized engineered support and design to address the most challenging applications.

WHY BAC?

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

EMPOWERING DATA CENTER PERFORMANCE

12,500+
MW DATA
CENTERS
in Operation

1,000+
DATA
CENTERS
in Operation

900+
GLOBAL
PATENTS

500+
GLOBAL
REPS

12
MANUFACTURING
FACILITIES



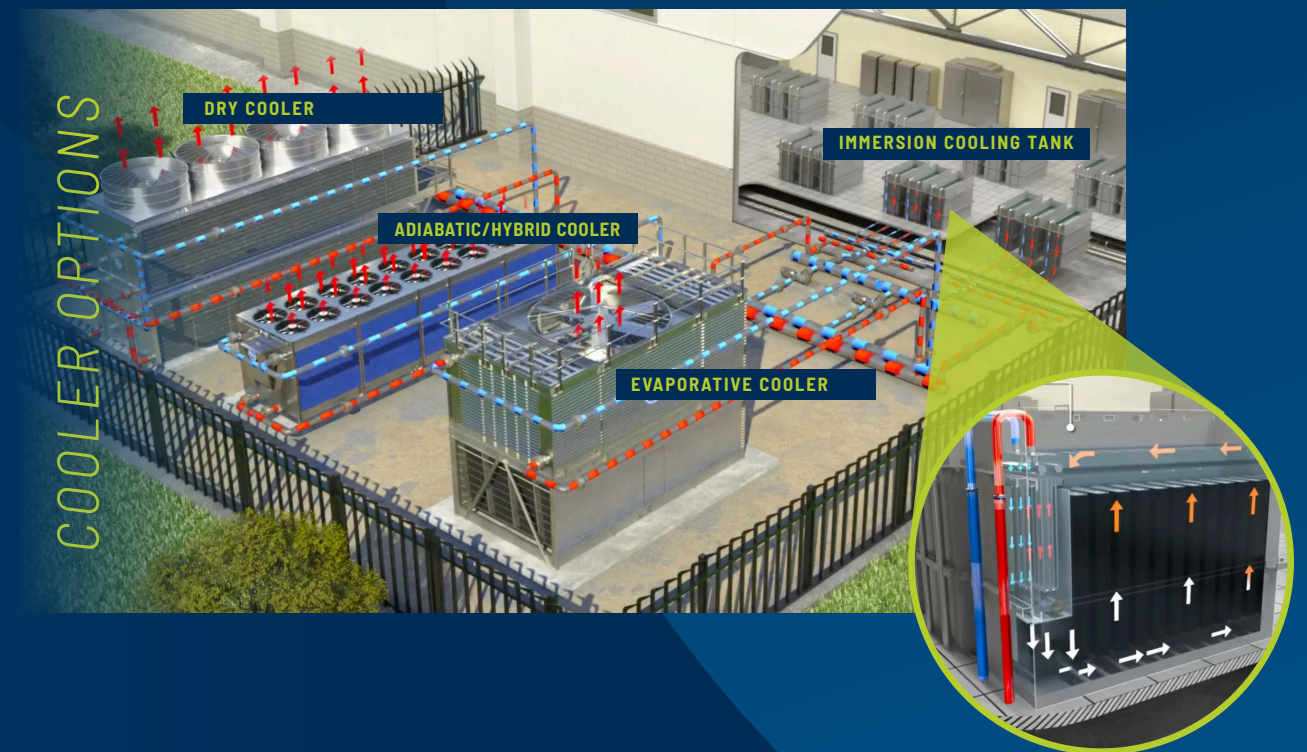
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Sales Representative*

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Complete Data Center Cooling Systems



SCALABLE
HIGH DENSITY COMPUTING



BALANCING
PUE AND WUE



SUSTAINABLE AND
RELIABLE OPERATION



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