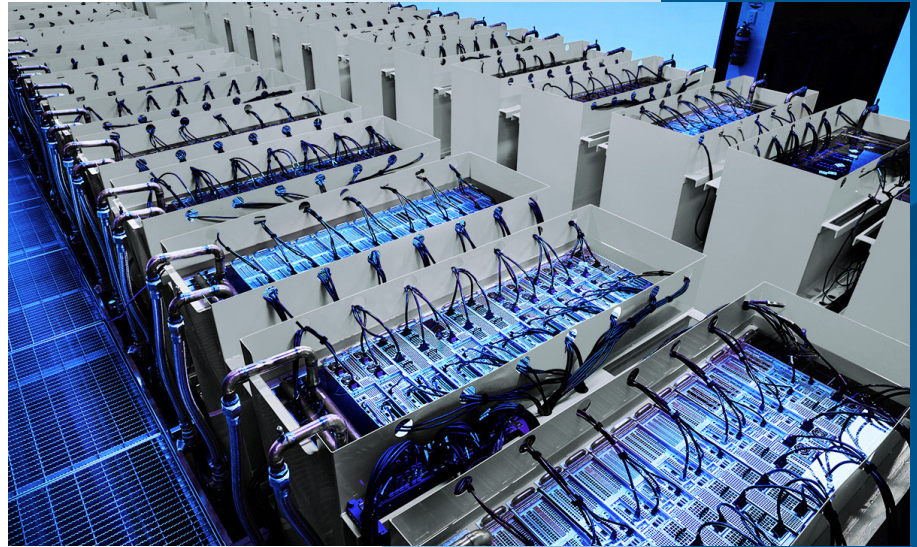




# IMMERSION COOLING

Building on our commitment to innovation and efficiency, BAC is proud to offer our **patented and proven immersion cooling tank technology**, that delivers scalability and return on investment, solving the cooling challenges of tomorrow, today.



## LOWEST ENERGY USAGE (PUE)

Uses **51% less overall energy** and **95% less cooling energy** compared to a traditional data center design (<1.05 PUE compared to industry average of 1.65 PUE).

## FUTURE-PROOF COOLING

Cool the power-hungry CPU's and GPU's of today, and tomorrow, without breaking a sweat. **Proven compatibility** with commercial servers and all leading OEM's and chip designers.

## VIRTUALLY ZERO MAINTENANCE

No belts or filters to replace, none of the components of fluid need to be maintained **for the life of the server.\***

## EXPANDABILITY FOR NOW AND THE FUTURE

The lowest PUE allows for more servers without increasing energy usage, or high densities without increasing floor space. **Simple modular design** allows for future expansion.

## DESIGNED FOR SAFETY

No hot aisles with elevated temperatures that can damage human health, no fans that generate noise, **reducing sound levels** from >80 dB(A) to 51 dB(A). Immersion liquid that is non-conductive, and biodegradable. System can be designed with no ozone depleting refrigerants.

## LOWER CARBON FOOTPRINT

Lowest energy usage, no consumables from maintenance, smallest footprint per unit cooling, and can be designed with **zero chemical refrigerants**.

## HIGHEST SERVER RELIABILITY AND LONGEST LIFE

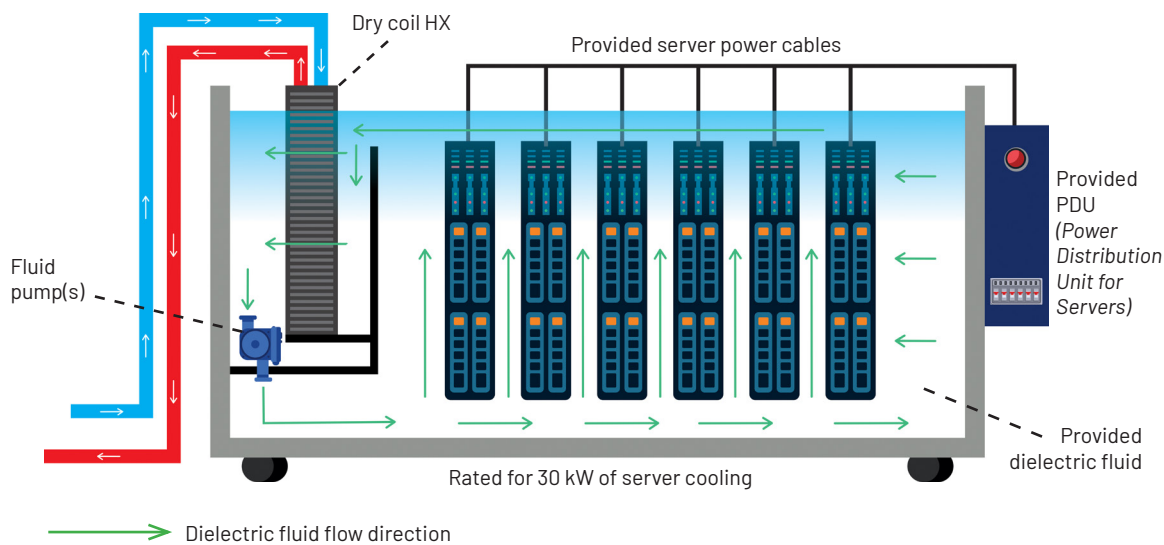
Eliminates typical failure points and **extends server life** since no fans or filters are required, and there are no hot/cold spots on the server.

\* industry average of 5 years



### A SYSTEM APPROACH TO COOLING

BAC's immersion cooling solution can be coupled with BAC's outdoor products to reject the heat from the tanks for a **turn-key complete solution** for your data center cooling needs. By adopting a systems approach, BAC with our unmatched systems experience, simplifies the design process, guaranteeing that all components work seamlessly together, **delivering the performance you need** with the **environmental responsibility** you demand.

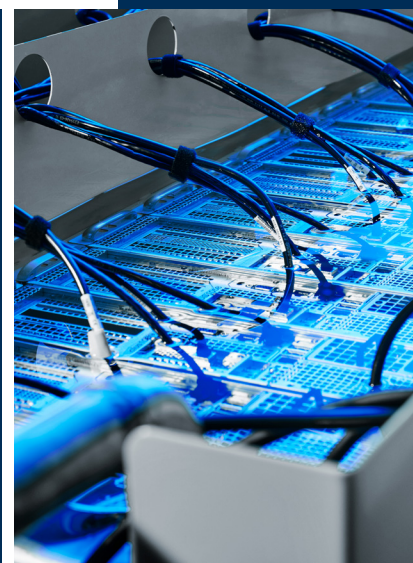


### BAC'S COMMITMENT

With a global footprint and unparalleled application expertise, BAC is equipped to **support and deliver immersion cooling solutions to any location around the world**. Our robust manufacturing capabilities enable us to take on **hyperscale projects exceeding 20 MW** and deploy hundreds of immersion tanks as needed.

As industry leader, BAC is dedicated to **accelerating the adoption of immersion cooling across the data center market**. We bring unmatched rigor to the design, testing and manufacturing of immersion cooling tanks, ensuring that our solutions set the standard for performance and reliability.

**Talk to one of our data center experts** to see how we can help you design the most reliable cooling system with the lowest PUE.



[WWW.BALTIMOREAIRCOIL.COM](http://WWW.BALTIMOREAIRCOIL.COM)