



Immersion Cooling Tank Powered by CorTex™ Technology

The indoor cooling solution of BAC's COBALT™
immersion cooling system



Featuring immersion
cooling tank powered by

CorTex™
technology



Enables
PUE
< 1.05

BAC's immersion cooling tank for leading data centers

As a critical component of the COBALT™ immersion cooling system, BAC's immersion cooling tank offers unmatched reliability, high density, and operational simplicity.

With its patented leak-free design and minimal maintenance needs, you can count on consistent performance while reducing both risk and operational costs. Thanks to its scalable and flexible design, the tank integrates seamlessly with our global cooling ecosystem giving you a complete, efficient, and future-ready system.

Patented, Low-Maintenance Reliability

- Patented leak-free tank design with no penetration below the fluid level
- Multiple pumps in every tank for redundancy
- Sealed filter-free design eliminates maintenance and fluid handling and enables long-term reliability

Flexible, High-Density Design

- Higher rack density and lower installed footprint compared to air-cooled
- Multiple tank sizes to maximize rack density
- Flexible design and multiple tank depths to accommodate a wide range of immersion-ready server form factors

Integrated System Compatibility

- Seamless integration with BAC's COBALT™ immersion cooling system, giving a complete cooling solution

Sustainability and Efficiency

- Enables PUE < 1.05



The immersion cooling tank with CorTex™ technology is an important component of the data center cooling system within the walls of the facility. BAC's COBALT™ immersion cooling system pairs BAC's patented immersion cooling tank with one of BAC's broad portfolio of **outdoor cooling units** including evaporative, hybrid, adiabatic or dry to perfectly match your cooling and environmental needs. The thermal performance of these products is independently certified* by CTI or Eurovent ensuring reliable performance.

Our technologies reduce energy and water use, boost reliability, and are ideal for pairing with immersion cooling systems.

We help you find the perfect fit between indoor and outdoor cooling with our COBALT™ immersion cooling system, combining high performance with efficiency, cost control, and future readiness.

* If certification program exists.

SPECIFICATIONS	
Tank Models	16RU, 32RU, 38RU, 48RU
Server Width	19" and 21"
Server Depth	Up to 1200 mm
Enables PUE of	<1.05
Pumps	2 or 4 pumps
Internal Cooling Liquid	Dielectric fluid
External Cooling Liquid	Water / Water + glycol
Top Seal	Fluid tight design: Cable entry points, heat exchanger connections and optional lid
Coil Connections	1-1/2" NPT





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More than 85 years of
experience and know-how.

About BAC

BAC is proud to be the world's cooling partner. We create sustainable comfort cooling, process cooling, and refrigeration solutions for the most essential and demanding environments on earth.

12,500+
**MW DATA
CENTERS**
in Operation

1,000+
**DATA
CENTERS**
in Operation

1,000+
PATENTS

150+
**GLOBAL SALES
NETWORK**

10
**PRODUCTION
FACILITIES**

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Reinventing sustainable cooling since 1938

We began with a single, simple, but revolutionary cooling coil, hand built in our founder's garage in 1938. Within just a few decades, BAC's energy-saving solutions for high-capacity cooling and refrigeration were outperforming traditional systems across the globe. Today, with the help of thousands of customers and partners, our passionate team of employee-owners, inventors, and reinventors is working in nearly every continent to solve the world's greatest cooling challenges, as only BAC can.

Passion that moves us forward

Leaders like you have turned to BAC for expert guidance and groundbreaking answers in sustainable, high-performance cooling for more than 85 years. Your trust, in the experience, dedication, and pioneering spirit of more than 2,000 global team members, is the legacy we're driven to grow, year after year. We know relationships are the most important part of everything we build. More than a manufacturer, we're proud to serve you as a genuine partner. Working side-by-side and step-by-step, our team is here to guide you from your very first question, through the full lifecycle of your BAC equipment and beyond.

Technology that cools the world

Engineering earth-friendly, resource-saving equipment isn't new to BAC. It's how we've built our business from day one. Each year, we renew and expand our commitment to continually reinvent the cooling industry in ways that promote planetary health, human health, and the ability to keep both in balance, now and for the future. From the products and relationships we build to the goals and standards we set, BAC will keep pushing the boundaries of what sustainable cooling can be. And how it can help us all advance further, together.

