



Highest capacity
per footprint
on the market



FXVS

Closed circuit cooling tower



STAR IN ENERGY EFFICIENCY

MINIMIZED SYSTEM-WIDE ENERGY CONSUMPTION

The combination of evaporative cooling and **the patented combined heat transfer system** (coil on fill) offers minimized system-wide energy consumption.

Axial fans, with high efficiency fan motors, use half the energy of similar centrifugal fan units.

BACross II fill is factory-configured for unrivalled water / air contact and minimal air pressure drop. This guarantees optimal cooling tower efficiency.

BAC's state-of-the-art **MATRXDRIVE fan array system** is available as an option. This direct drive design delivers superior reliability and performance. The MATRXDRIVE sets a new standard in efficiency and convenience as no maintenance is required.



LOW MAINTENANCE AND EASY INSPECTION

INSPECTION AND MAINTENANCE CAN BE DONE IN COMFORT

Patented BACross II fill sheets reduce fouling and are telescopically supported, allowing complete inspection without dismantling.

Large hinged access door, a **spacious plenum** and **internal walkway** provide unmatched accessibility to all critical components without the need to remove parts.

Easy to inspect the coil during operation from the outside or from the inside via the **removable drift eliminator modules**.



YEAR-ROUND RELIABLE PERFORMANCE

MAXIMUM UPTIME AND LONGEVITY

Thermal performance is **tested and certified by CTI-Eurovent**.

Broad choice of construction materials ranging from galvanized steel (Baltiplus) to the unique Baltibond® Hybrid Coating and stainless steel (AISI 304L and 316L).

Independent motor and drive assembly per fan offer redundancy in case of fan failure.



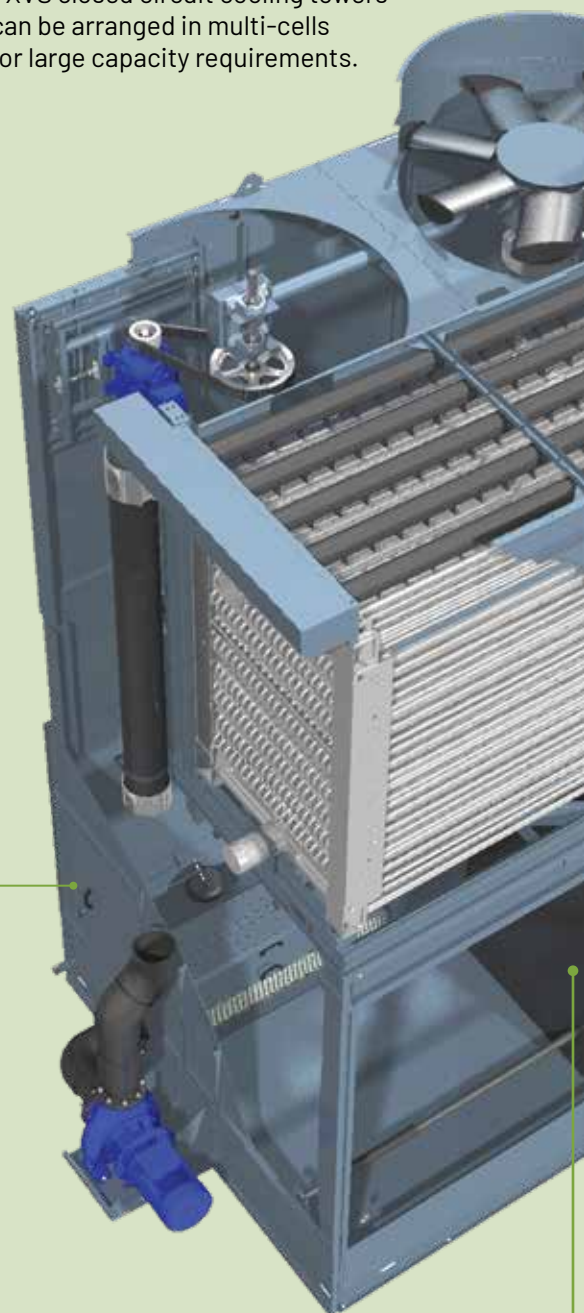
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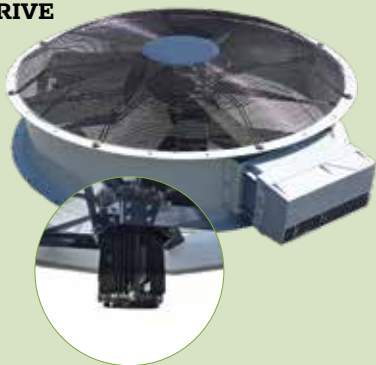
The FXVS closed circuit cooling towers use a patented combined heat transfer system and energy efficient axial fans to ensure unrivalled efficient heat rejection at the lowest possible energy input.

FXVS closed circuit cooling towers can be arranged in multi-cells for large capacity requirements.



Large access door, spacious plenum and internal walkway for **unmatched accessibility**

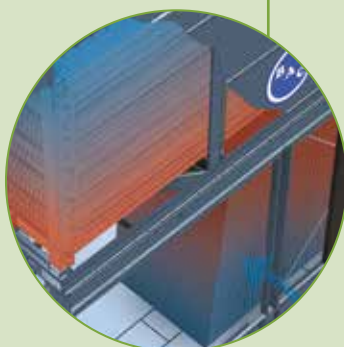
Optional **MATRXDRIVE** fan array system, equipped with permanent magnet motors and VFD's connected to a terminal box.



Inspection of water distribution system while in operation



Unique combined heat transfer system (coil on fill)



Telescopically supported fill sheets for **complete inspection and cleaning** without dismantling



UNMATCHED HYGIENE CONTROL

EASY TO CLEAN AND EASY TO INSPECT

Patented BACross II fill sheets reduce fouling and are telescopically supported, allowing **complete inspection and cleaning** without dismantling.

Eurovent certified high efficiency drift eliminators prevent droplets escaping into the air.

Combined inlet shields **block sunlight** to prevent biological growth, filter the air and stop water splashing outside.



ULTRA SILENT

SUITED FOR THE MOST STRINGENT SOUND CRITERIA

Low noise axial fans as standard. Whisper Quiet fans available to **reduce noise** even further.

Single-side air inlet and a **quieter tower rear** for more noise-sensitive areas.

Sound attenuation is available for the most **stringent sound requirements**.



CHEAP TO INSTALL

EASY ON-SITE ASSEMBLY

Factory-build and **shipped in sections** to reduce overall size and weight, allowing easy on-site assembly with smaller crane.

MORE INFO?
CONTACT YOUR LOCAL BAC REPRESENTATIVE.



More than 80 years of
experience and know-how



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WHO WE ARE

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.

REINVENTING COOLING TO SUSTAIN THE WORLD

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.

