



Highest capacity
per footprint
on the market



CXVS

Evaporative condenser



ENERGY EFFICIENT

UNIQUE COMBINED HEAT TRANSFER SYSTEM

CXVS evaporative condensers use a **unique combined heat transfer system (coil on fill)** providing maximum capacity at the lowest refrigerant charge available in the industry.

Axial fans use 50% less the energy than similar centrifugal fan units.

High efficiency **fan motors** assist in reaching superb thermal performance results.

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.



LOWEST MAINTENANCE AND EASY INSPECTION

MAINTENANCE CAN BE DONE IN FULL COMFORT

The **spacious plenum**, accessible via a large hinged door, provides easy access for maintenance.

Inspection of the **heat transfer system** and **water distribution system** during operation is possible with ease.

Self-cleaning cold water basin and fill above **sloped basin** to flush out dirt and debris.



SUPERB HYGIENE WITH MINIMAL MAINTENANCE

REDUCED HYGIENE RISKS

The **patented BACross® II fill sheets** reduce fouling and are telescopically supported, allowing complete inspection of the fill core without dismantling.

High efficient **drift eliminators** certified by Eurovent prevent droplets escaping into the air.

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

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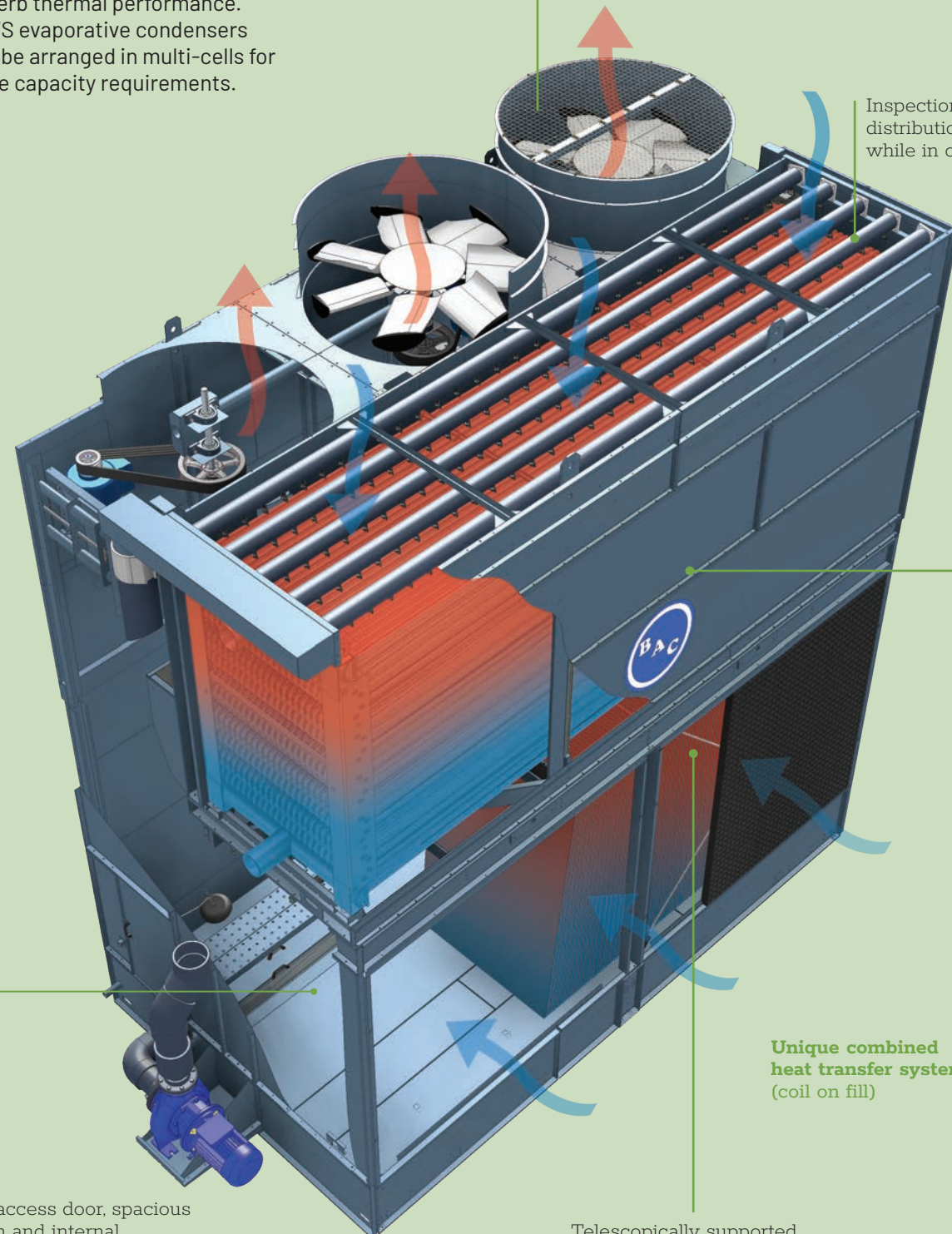
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The CXVS combined flow evaporative condenser uses energy efficient axial fans with low sound emission and guarantees superb thermal performance. CXVS evaporative condensers can be arranged in multi-cells for large capacity requirements.

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)

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

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



ULTRA SILENT

SUITED FOR LOW SOUND REQUIREMENTS

Low noise **axial fans** for minimal surrounding noise are standard.

Unique **heat transfer system** with minimum water splash noise.

Single-side air inlet and a **quieter condenser rear** are suited for noise-sensitive areas.

Sound attenuation is available for the most stringent sound requirements.



UNMATCHED RELIABILITY

MAXIMUM UPTIME AND LONGEVITY

The broad **choice of construction materials** ranges from galvanized steel (Baltiplus) to the unique Baltibond Hybrid coating and stainless steel (AISI 304L and 316L) for **guaranteed long service life**.

Multiple fan motor system covers independent fan motor and drive assembly per fan for stand-by in case of fan failure.

Unique and patented heat transfer system, featuring a combined flow via heat exchanger coil and fill pack, for fine temperature applications and thermal challenges.

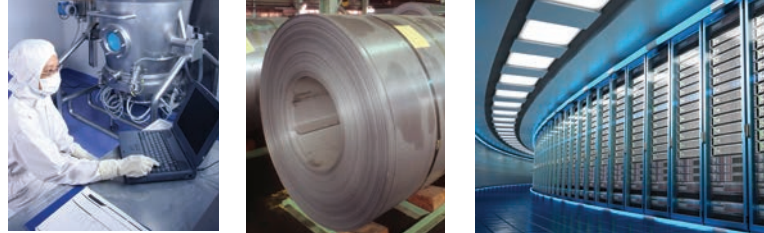
MORE INFO? CONTACT YOUR LOCAL BAC REPRESENTATIVE.



More than 80 years of
experience and know-how



www.BaltimoreAircoil.com
www.BacSustainability.com
Europe@BaltimoreAircoil.com



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.

