



The most reliable
condenser with
lifetime efficiency



PLC3

Evaporative condenser



UNRIVALLED RELIABILITY

MAXIMUM UPTIME AND LONGEVITY

Multiple, independent **fan systems** provide optimal reliability and guarantee redundancy.

Hybrid Coating comes as standard for maximum equipment life, with corrosion resistance equivalent to SST 304L.

Dry operation possible.



ULTRA COMPACT

DESIGNED FOR CONFINED SPACE

Single side air inlet for installation next to solid walls. Indoor installation possible as the radial fans allow intake or discharge ductwork.

2,4 m wide factory-built sections for minimal freight costs with standard trucks. Larger units available to maximize the capacity per unit.



MINIMUM MAINTENANCE AND EASY TO INSPECT

70% REDUCTION IN MAINTENANCE COSTS

EC Fan Systems require no maintenance whatsoever.

Man-sized access door provides unmatched accessibility to critical components (basin, drives and fans) without the need to remove parts.

Continuous self-cleaning operation of the **DiamondClear® Design** significantly reduces the need for maintenance by reducing scale build-up and biological growth.

Internal pump, shielded from the elements, ensures longevity in use.

PLC3

Polairis™

Evaporative condenser

The most reliable condenser with lifetime efficiency.

The Polairis™ evaporative Condenser brings reliability to the next level. This innovative and compact units, that incorporates highly efficient radial fans as well as the DiamondClear® design, offers you a long and troublefree energy efficient operation in combination with an unmatched accessibility and a minimal need for maintenance.

Full access to all critical components



ENERGY EFFICIENT

UP TO 50% SAVINGS COMPARED TO CONVENTIONAL CENTRIFUGAL FAN UNITS

Evaporative condensers yield the lowest condensing temperatures and thereby minimize the system energy consumption.

Variable-speed **EC Fan Systems** with direct-driven radial fans provide superior efficiency.

Optimized unit fan design in combination with **DiamondClear® Design** results in a uniform air distribution over the entire footprint of the coil, for optimal thermal performance.



SUPERB HYGIENE

REDUCED HYGIENE RISKS

The DiamondClear® Design offers a continuous self-cleaning operation.

A completely encased collection basin eliminates any sunlight ingress, preventing biological growth.

During standstill the sloping surfaces fully drain, avoiding stagnant water and the risk of sedimentation of impurities.



ULTRA SILENT

SUITED FOR THE MOST STRINGENT SOUND CRITERIA

Silent **radial fans** as standard.

DiamondClear® Design minimizes water splash noise, eliminating the need for water silencers in the basin.

Sound attenuation is available for the most stringent sound requirements.

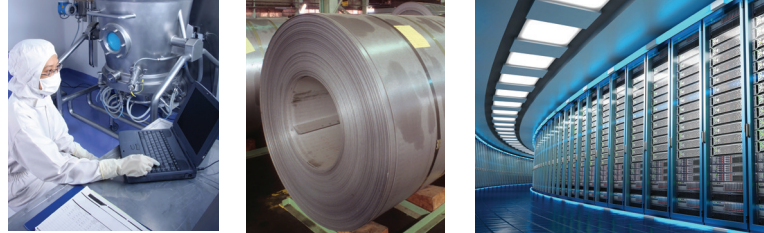
MORE INFO?

CONTACT YOUR LOCAL
BAC REPRESENTATIVE.

POLAIRIS



More than 80 years of
experience and know-how



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.



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