



Highest capacity condenser with the most reliable lifetime efficiency



POLAIRIS 
Evaporative Condenser, model PLC3



UNMATCHED RELIABILITY

MAXIMUM UPTIME AND LONGEVITY

Multiple, independent **Fan Systems** provide optimal reliability and guarantee redundancy.

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

Dry operation possible.



ULTRA COMPACT

DESIGNED FOR CONFINED SPACES

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.

Polairis™ Evaporative Condenser

Highest capacity condenser with the most reliable lifetime efficiency.

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

Full access to all critical components



DiamondClear® Design

Direct Drive Fan System

Internal pump

Man-sized access door



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.



MORE THAN 80 YEARS OF EXPERIENCE AND KNOW-HOW

With thousands of successfully operating installations worldwide Baltimore Aircoil Company has the **application and system experience** to assist you in the design, installation and operation of your cooling equipment.

BAC applications **serve all markets** - air conditioning, industrial manufacturing, refrigeration, district and data center cooling, pharmaceutical applications and electric vehicle battery applications - and **provide solutions for all different customer cooling needs**.



RELIABILITY - At BAC, we care about the quality of our work and the relationship with our clients

BAC delivers the **highest quality products**. We organize full size thermal performance and acoustical tests in our labs and participate in all **existing thermal performance programs** that exist for our products. We ensure a **reliable supply chain** and have a **flexible production capacity** that meet the needs of any project size or requirement. We have **expert engineers** all over Europe, driven to help and support you with one common goal in mind: developing and delivering cooling products that fully meet your needs. With **specialized software** we select the most appropriate evaporative cooling equipment, combined with calculations of investment and annual operating costs. Before, during or after installation, BAC also offers **on-site assistance** and **spare parts** for units up to 20 years old.

INNOVATION - At BAC, we are passionate about innovation

Ongoing investment in research, combined with the **most advanced R&D laboratory facility in the industry**, enables BAC to consistently offer the most technologically advanced products to exceed both industry standards and the needs of our customers. As a result, BAC holds **more than 100 patents**. Impassioned by innovation for more than 80 years, today we broadly adopt innovation and creativity across all our business functions and business processes to reach new levels of industry leadership. We are driven to bring new value into your future.

SUSTAINABILITY - At BAC, we are inspired by nature

For more than 80 years we've been helping our customers achieve their sustainability goals. Today we **integrate sustainability not only into WHAT we do but also into HOW we do it**. Sustainable innovation is fostered and cultivated in all BAC's business processes. Our sustainability goals guide us each day to become **the leading provider of sustainable cooling solutions**. We are committed to become your most sustainable partner.



www.BaltimoreAircoil.com
www.BacSustainability.com
europe@BaltimoreAircoil.com



BALTIMORE AIRCOIL COMPANY

**BLUE by nature
GREEN at heart**

