



Peace of mind at half the energy cost



POLAIRIS 
Evaporative Condenser



UNMATCHED RELIABILITY

MAXIMUM UPTIME AND LONGEVITY

Multiple, independent **EC 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.



ENERGY EFFICIENT

OVER 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 design with **EC Fan Systems** in combination with **DiamondClear™ Design** results in a uniform air distribution over the entire footprint of the coil, for optimal thermal performance.



ULTRA SILENT

SUITED FOR THE MOST STRINGENT SOUND CRITERIA

Silent radial fans as standard.

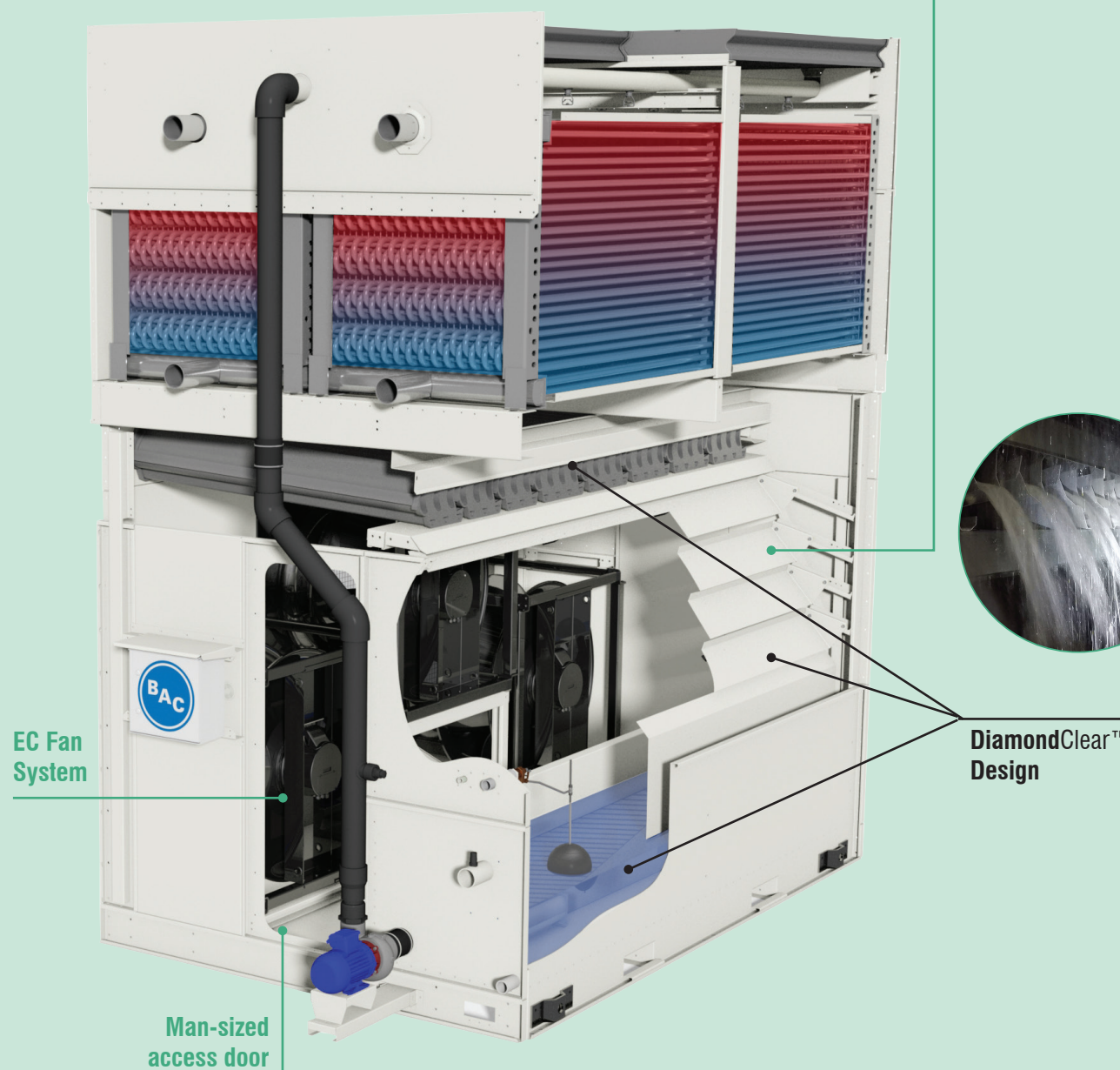
DiamondClear™ Design minimizes water splash noise, eliminating the need for water silencers in the basin.

Sound attenuation is available for the most stringent sound requirements.

Polairis™ Evaporative Condenser

Peace of mind at half the energy cost.

The Polairis™ evaporative condenser brings reliability to the next level. This innovative unit, that incorporates highly efficient radial fans with EC motors 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.



SUPERB HYGIENE WITH MINIMAL MAINTENANCE

70% REDUCTION IN MAINTENANCE COSTS

EC Fan Systems require no maintenance whatsoever.

Man-sized access door and **DiamondClear™ Design** access louvers provide unmatched accessibility to all critical components 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.



OPTIMIZED FOR TRANSPORT AND EASY INSTALLATION

NO NEED FOR EXTERNAL VARIABLE FREQUENCY DRIVES AND SHIELDED CABLES

Integrated electronics of **EC Fan Systems** eliminate the need for external VFD's. Motors are prewired to terminal box to avoid time-consuming on-site wiring.

2,4 m wide factory-built sections for minimal freight costs with standard trucks.

Single side air inlet and radial fans enable indoor installation and installation in confined spaces.



More info? Contact your local BAC representative.



The BAC Difference

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.

Ongoing investment in research, combined with an advanced R&D laboratory facility, enables BAC to consistently offer **new technologies and products to meet developing industry demands**.

Baltimore Aircoil Company has a network of **highly qualified sales representatives** backed up by an experienced technical staff to ensure that each customer project is a success.

Sustainability is fostered and cultivated in BAC's business processes. Through our products we also help our customers to achieve their sustainability goals. You can find BAC's sustainability commitments on the website www.BacSustainability.com

IMPROVE
COOLING

REDUCE
WARMING



EXPERT SUPPORT



EXPERIENCED
SALES FORCE



EFFICIENT
SOLUTIONS



EXCEPTIONAL
VALUE



PEACE OF MIND