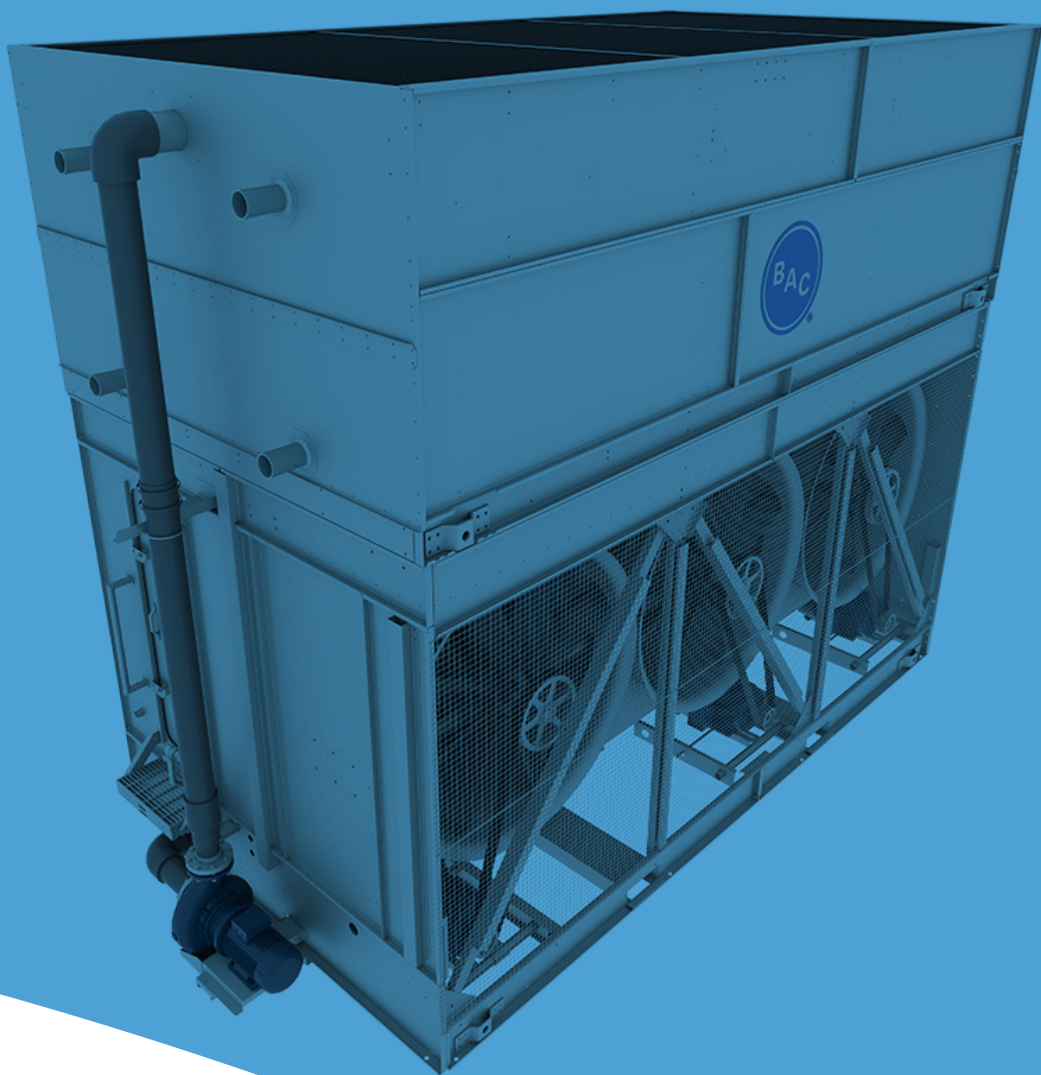




Where peak reliability meets easy maintenance



VERTEX[™]
EVAPORATIVE CONDENSER



UNMATCHED RELIABILITY

MAXIMUM UPTIME AND LONGEVITY

Multiple, **independent motor driven fans** guarantee redundancy.

Fans, motor and drive system (V-belt) located in dry air, prevent moisture and condensation. **No external moving parts**, helps to withstand the most severe weather conditions.

Dry operation is possible to prevent ice formation during freezing conditions.



LOWEST MAINTENANCE AND EASY INSPECTION

50% LESS MAINTENANCE LABOUR COST

Large hinged door gives access to optional **internal walkway**, no basin draining needed for unit interior inspection.

Internal walkway enables safe inspection and maintenance with unrivalled comfort while standing.

Ground level access to the drive system, pump(s) and motor terminal boxes eliminate the need for platforms or ladders.



COMPACT DESIGN

FLEXIBLE LAY-OUT POSSIBILITIES

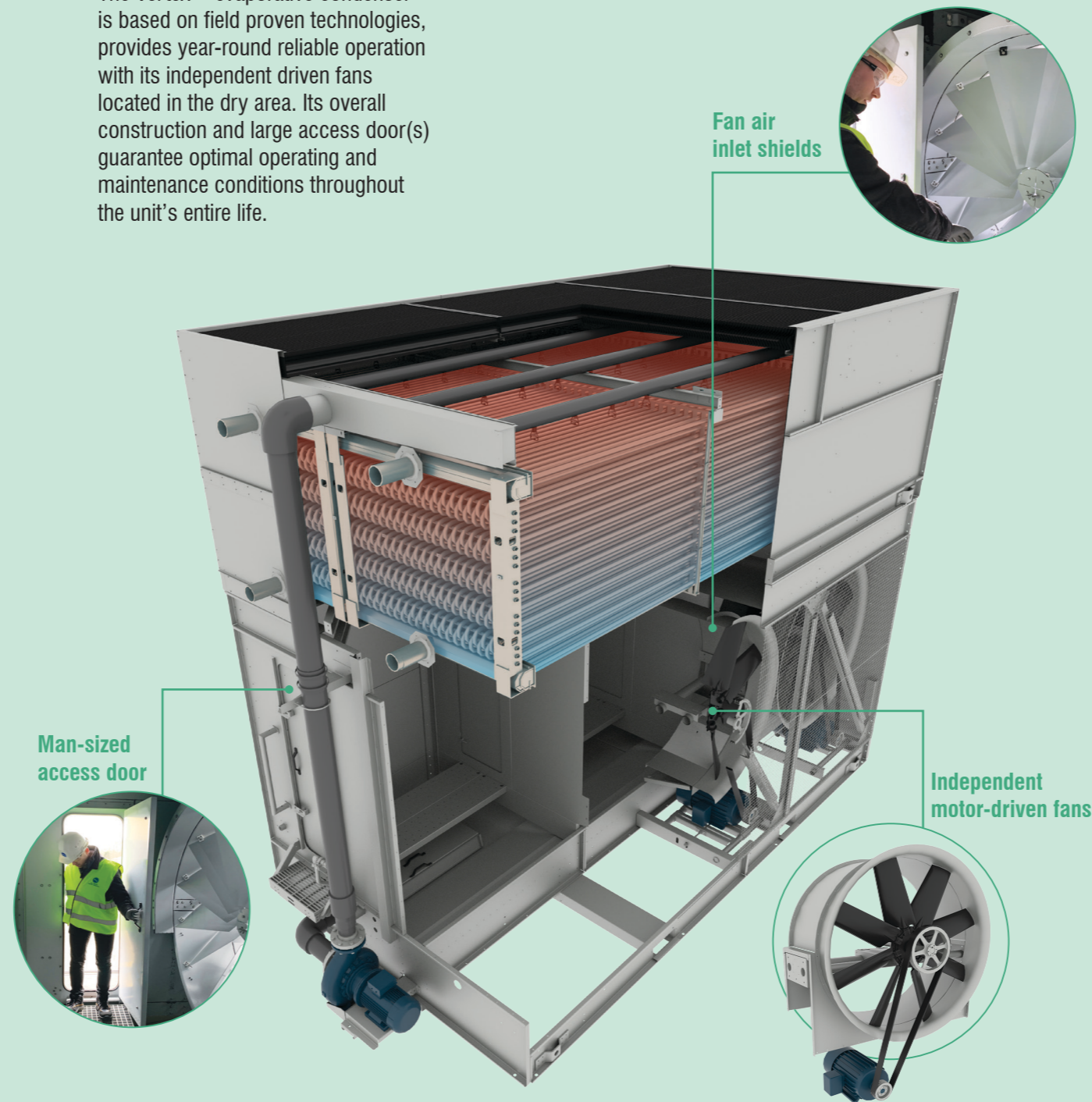
Single-side air inlets allow tight back-to-back installations or installation close to solid walls.

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

Vertex™ Evaporative Condenser

Where peak reliability meets easy maintenance

The Vertex™ evaporative condenser is based on field proven technologies, provides year-round reliable operation with its independent driven fans located in the dry area. Its overall construction and large access door(s) guarantee optimal operating and maintenance conditions throughout the unit's entire life.



Fan air inlet shields

Man-sized access door

Independent motor-driven fans



up to
50%
labor cost savings



up to
50%
energy savings



EASY ACCESS AND SAFETY

SPACIOUS INTERIOR AND MAJOR COMPONENTS AT GROUND LEVEL

Compact, **sloped water basin** allows easy cleaning and improves hygiene.

The **fan air inlet shields** prevent sunlight ingress into the sump, while maintaining the ease of inspection.

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



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.

Highest capacity per footprint brings higher capacity or reduced energy usage for many replacement jobs.

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

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.

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BALTIMORE AIRCOIL COMPANY

BLUE by nature
GREEN at heart

