



# Quiet and proven technology for year-round reliable operation



# VXI

Closed circuit cooling towers

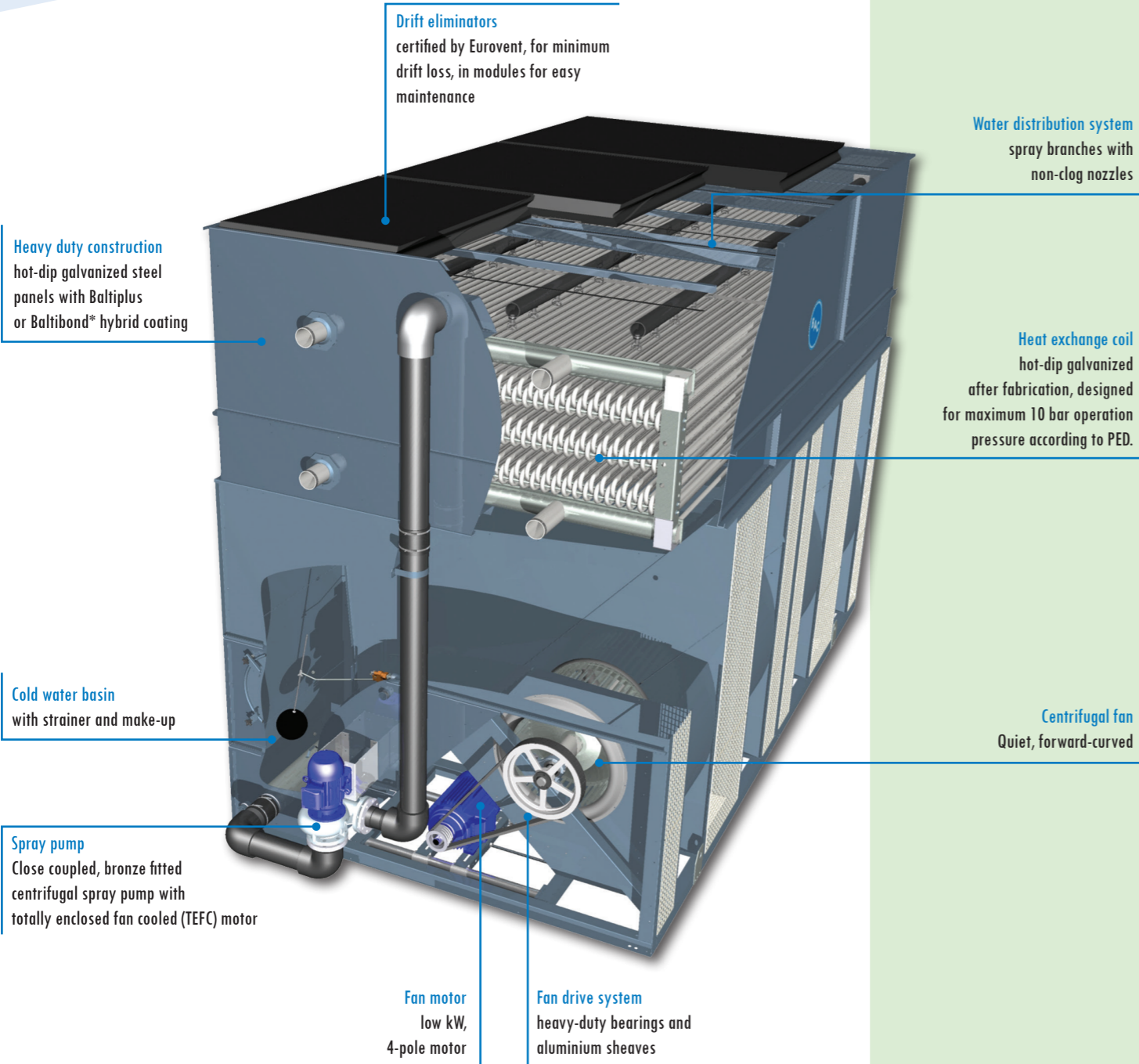
# VXI

## Closed Circuit Cooling Towers

**Baltimore Aircoil** is a worldwide leading manufacturer of heat rejection equipment for a wide range of applications. In its constant search for improvement in design and performance BAC has developed and perfected many features which have become the standard of excellence for cooling throughout the world.

**VXI closed circuit cooling towers** use centrifugal fans with low sound emission and guarantee reliable and superb thermal performance. VXI towers are compact for easy shipment and installation in confined spaces.

Single cell capacity : up to 2615 kW



### green tower

**Energy efficient**  
Evaporative cooling equipment can minimize the energy consumption of the process to be cooled.

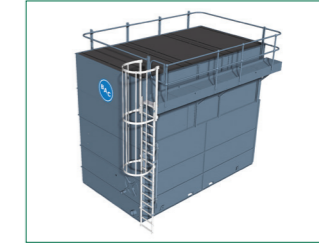
**Ultra quiet design**  
VXI closed circuit cooling towers use fans with low sound emissions as standard. They have a single-side air inlet, and a quieter tower rear for more noise-sensitive areas. For extremely sound sensitive applications, sound attenuators\* are available.



LOW ENVIRONMENTAL  
IMPACT PRODUCT



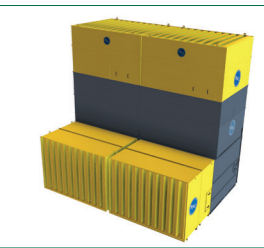
Ladder and platform\*



Baltiguard drive system\*



Easily accessible fan drive system at ground level



Intake and discharge attenuator\*

### year-round reliable operation

VXI uses **high quality components**, meeting very strict technical specifications for operation in the most demanding conditions. Since 1978, thousands of VXI closed circuit cooling towers have been globally installed, proving the VXI cooling tower reliability. Fans, motor and drive system (V-belt) are located at ground level, in the dry air, preventing moisture and condensation. No external moving parts, helping it withstand the toughest weather.

Upgrade your condenser operational flexibility with :

- **Baltiguard drive system\*** to operate as a dual-speed motor, but with standby reserve capacity to cope with any failure.
- **Electrical basin heaters\*** to protect the water in the basin against freezing, when the condenser is idle.
- **Electric water level control\*** for precise control of the water level with no need for seasonal adjustment.

### Compact

- Compact design for **confined spaces**.
- **Single-side air inlet** for installation next to solid walls.
- **Indoor installation** possible thanks to centrifugal fans allowing intake or discharge ductwork.

### low installed cost

- **Easy on-site assembly** of factory-built sections to reduce shipping and installation costs.
- Single fan side requiring **fewer motor starters** to install and wire.
- High capacity and minimal operating weight. **Save on steel supports**, both underneath the equipment and in the building itself for rooftop installations.
- VXI-C models can be **container-shipped** (in 10' containers). Fan enclosures shippable loose in the condenser bottom section for easy on-site assembly.

### long service life

VXI closed circuit cooling towers offer a broad choice of **construction materials**, ranging from galvanized steel (Baltiplus) to the proven Baltibond\* hybrid coating and stainless steel\* (AISI 304L or 316L).

The coil is constructed of continuous length of prime surface steel, **hot-dip galvanized after fabrication**. Tubes are sloped for free drainage of fluid. Designed for maximum 10 bar operating pressure according to PED.

Optionally available are extended surface coils with selected rows, finned at 3 to 5 fins per inch and hot-dip galvanized after fabrication, for dry operation during winter time. Optional stainless steel coils in type 304L or 316L.



Easy installation



Full access to spray distribution system

\* option



BALTIMORE  
AIRCOIL COMPANY

... because temperature matters™

# 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.