



Quiet and proven technology for year-round reliable operation



VXI

Closed circuit cooling towers

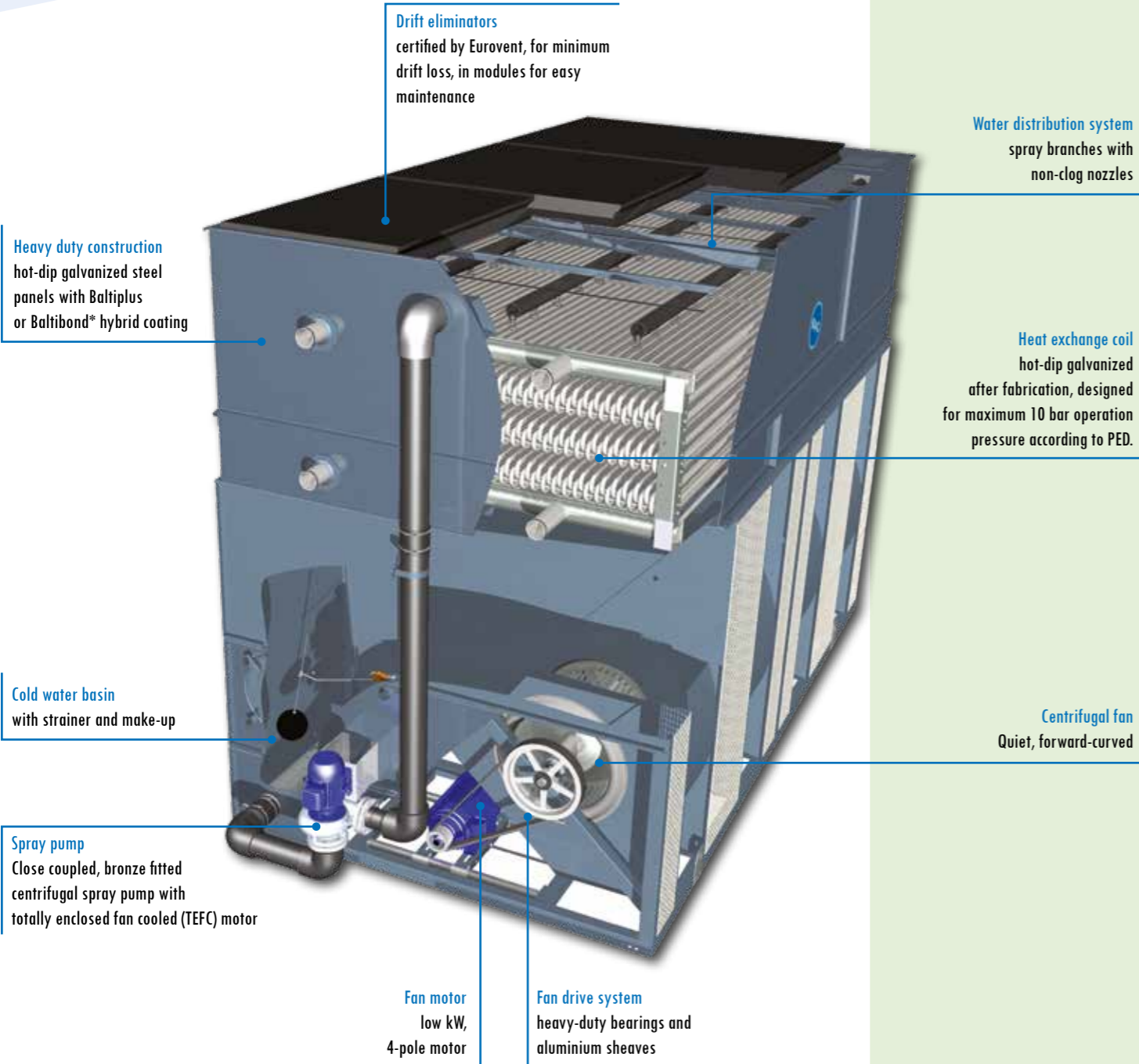
VXI

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



LOW ENVIRONMENTAL
IMPACT PRODUCT



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.

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™

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