



# Highest capacity per footprint on the market



## FXVS

Closed circuit cooling tower



## STAR IN ENERGY EFFICIENCY

### MINIMIZED SYSTEM-WIDE ENERGY CONSUMPTION

The combination of evaporative cooling and the **patented combined heat transfer system (coil on fill)** offers minimized system-wide energy consumption.

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

**BACross II fill** is factory-configured for unrivalled water / air contact and minimal air pressure drop. This guarantees optimal cooling tower efficiency.



### LOW MAINTENANCE AND EASY INSPECTION

#### INSPECTION AND MAINTENANCE CAN BE DONE IN COMFORT

**Patented BACross II fill sheets** reduce fouling and are telescopically supported, allowing complete inspection without dismantling.

**Large hinged access door**, a **spacious plenum** and **internal walkway** provide unmatched accessibility to all critical components without the need to remove parts.

Easy to inspect the coil during operation from the outside or from the inside via the **removable drift eliminator modules**.



### YEAR-ROUND RELIABLE PERFORMANCE

#### MAXIMUM UPTIME AND LONGEVITY

Thermal performance is **tested and certified** by **CTI-Eurovent**.

Broad **choice of construction materials** ranging from galvanized steel (Baltiplus) to the unique Baltibond Hybrid Coating and stainless steel (AISI 304L and 316L).

**Independent motor and drive assembly** per fan offer redundancy in case of fan failure.

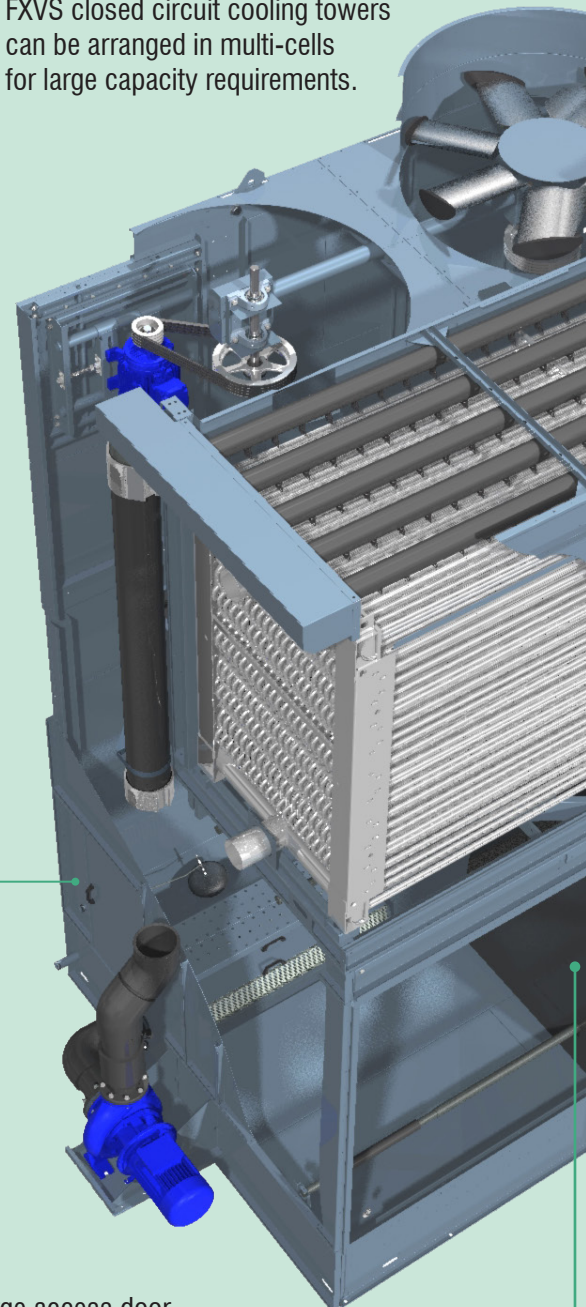


## FXVS Closed circuit cooling tower

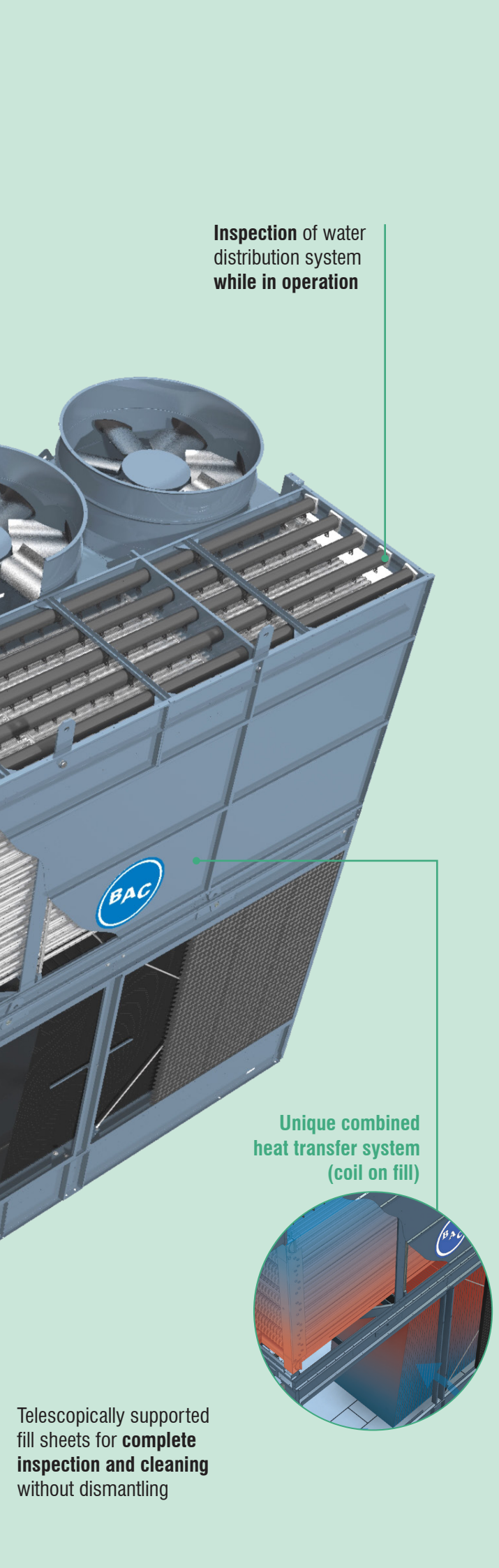
### Highest capacity per footprint on the market

The FXVS closed circuit cooling towers use a patented combined heat transfer system and energy efficient axial fans to ensure unrivalled efficient heat rejection at the lowest possible energy input.

FXVS closed circuit cooling towers can be arranged in multi-cells for large capacity requirements.



Large access door, spacious plenum and internal walkway for **unmatched accessibility**



**Inspection** of water distribution system while in operation

**Unique combined heat transfer system (coil on fill)**

Telescopically supported fill sheets for **complete inspection and cleaning** without dismantling



## UNMATCHED HYGIENE CONTROL

### EASY TO CLEAN AND EASY TO INSPECT

Patented BACross II fill sheets reduce fouling and are telescopically supported, allowing **complete inspection and cleaning** without dismantling.

**Eurovent certified** high efficiency drift eliminators prevent droplets escaping into the air.

**Combined inlet shields** block sunlight to prevent biological growth, filter the air and stop water splashing outside.



## ULTRA SILENT

### SUITED FOR THE MOST STRINGENT SOUND CRITERIA

**Low noise axial fans** as standard. Whisper Quiet fans available to reduce noise even further.

**Single-side air inlet** and a quieter tower rear for more noise-sensitive areas.

**Sound attenuation** is available for the most stringent sound requirements.



## CHEAP TO INSTALL

### EASY ON-SITE ASSEMBLY

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

**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](http://www.BacSustainability.com)

IMPROVE  
COOLING

REDUCE  
WARMING



EXPERT SUPPORT



EXPERIENCED  
SALES FORCE



EFFICIENT  
SOLUTIONS



EXCEPTIONAL  
VALUE



PEACE OF MIND