



BAC replacement coils offer certified design thermal performance and installation fit



for your BAC cooling equipment

**YOUR DEDICATED PARTNER
IN INNOVATIVE HEAT TRANSFER
AND THERMAL STORAGE**

QUALITY & TESTING

QUALITY

Developed and manufactured in house, to the highest standards.

The coil is constructed of continuous length of **prime surface steel**, hot-dip galvanized after fabrication, or as alternative in SST 304L or 316L.

- > Designed and manufactured in accordance with **PED directive (2014/68/EU)**.
- > **ISO 9001** certification.
- > Specific materials sourced with certificates standard **EN 10204**.
- > Hot-dip galvanisation (when applicable) as per **EN ISO 1461**.
- > Material traceability.



Auditing

- > Quality control ISO 9001 external audits
- > PED external audits
- > Internal quality audits
- > Welders certification and follow-up

EXTENSIVE TESTING

Base material (tubes and headers) are produced **in house**, tested at various stages of the production, to ensure high quality.

Welding

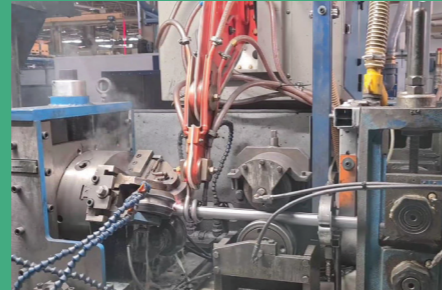
- > Tube welding and manufacturing: High Frequency Welding Procedure Qualification Record (WPQR), tensile test, cone test, eddy current test
- > Header welding/design: WPQR & penetrant testing

Pressure tested according to PED.

Guaranteed unit performance by full scale testing in our thermal laboratories. Eurovent certified performances for existing certification program. Check ongoing validity of certificate: www.eurovent-certification.com



MANUFACTURING



BAC coils are designed & manufactured in house



DESIGN CERTIFIED PERFORMANCE

Proven thermal performance by **full scale testing**.

Air/water pressure drop & distribution optimized to meet design performance.

Proper process medium distribution over **different circuits**.

Multiple **circuits & configurations** available

Optimized tube spacing design with smooth surface to maintain **perfect water & air distribution** over the coil, maximizing the life time heat rejection efficiency

The design of the air and water distribution - nozzle spray system and air flow - is optimized to **reduce scaling** and **prevent spitting**

Drainable header and tube design, for safe operation

Rigid structure Stainless steel or fully hot-dip galvanized after fabrication, to answer all your needs

Don't take any risk with your cooling tower CORE!

Contact your local BAC representative to ensure that you are **guaranteed**:

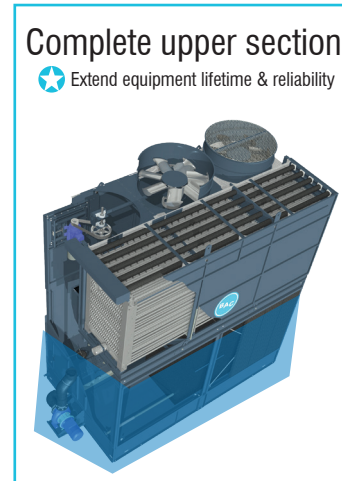
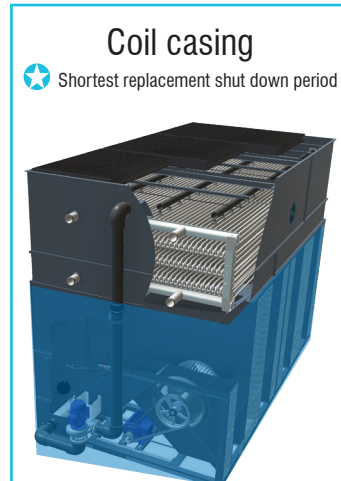
- optimal certified performance
- higher system efficiency at lowest operating costs
- reduced scaling risk
- safe operation

Orbital welded header tubes with smooth intake surface, allowing optimal process fluid flow and minimizing pressure drop

When you need to replace your coil, choose your reliable supplier.

In the exceptional case you need to replace your coil, replace it with an **original BAC coil**. That is the only way to guarantee your **original certified performance**.

Replacement options



★ Capacity increase with larger coil option ★

When using non original BAC spare parts, you will risk

- Higher system operating costs
- Reduce product **lifetime**
- Thermal performance **declining** below design capacity
- **Extended downtime** for your cooling equipment
- **Sanitary risk**, incl. Legionella



Let our BAC factory-trained qualified technicians come to you with experience of the entire BAC range. Peace of mind from the best spare parts replacement with minimum downtime and guaranteed faultless workmanship to retrieve and maintain the original unit performance.

FIND OUT MORE ABOUT THE BEST COOLING EQUIPMENT CARE

Contact your local BAC representative

