

# Baltimore Aircoil

BAC original spare parts ...



... keep your equipment fresh

BAC original spare parts **refresh** your equipment to give you maximum confidence in the reliability of your cooling system.

When you buy a BAC spare part you get more than just a component. You get a whole package of **refreshing benefits** that are only available from BAC :

- Original performance for lowest system operating cost
- Minimum downtime and maximum lifetime
- Operational safety
- Improved operation and maintenance through integration of latest technology
- Long-term availability and traceability
- Quick delivery



**Baltimore Aircoil**

... because temperature matters™

# BAC original spare parts give you maximum confidence in the reliability of your cooling system.

## Original performance for lowest system operating cost

In laboratories, engineers subject cooling systems to all kinds of **environmental and operational conditions**.

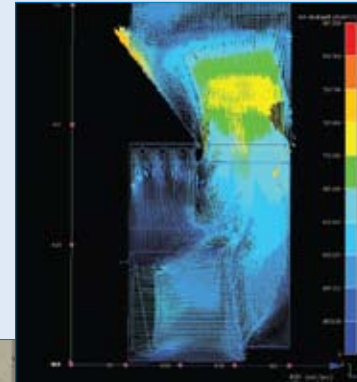
They pay specific attention to components that influence the air and spray water flow, pressure and distribution pattern. These include heat transfer surfaces, drift eliminators, spray systems, spray pumps, drive systems and fans.

Replacing these key components with non-authorized parts could lead to a significant reduction in performance and the risk of premature failure. Any BAC unit that operates at lower efficiency will cause the cooling system as a whole to incur year-round penalties of increased power consumption and higher operating costs.

That's why BAC is your best partner for replacing components if you want to ensure **efficient operation and optimal, original performance**.



Temperature testing on a cooling tower



Performance testing

## Minimum downtime and maximum lifetime

Each component has to pass a **longevity and quality test** for operation in the most demanding conditions. Only the best part is selected and integrated into the unit.

Because of these in-depth tests, most parts are exclusively designed for BAC equipment and meet very strict technical specifications. Each part fits easily and perfectly, to ensure minimum intervention time and cost.

That's why BAC is your best partner to replace parts if you want the **longest equipment operating life and minimum repetitive downtime**.



Testing in sub-freezing conditions



Each BAC part has unique technical specifications



## Improved operation and maintenance through integration of new technology

Ongoing investment in R&D enables BAC to consistently offer technology and products in advance of **new industry demands and new regulations** such as:

- Improved maintenance and accessibility
- Increased performance
- Enhanced hygiene features
- Reduced sound emission
- Reduced water and energy consumption

BAC spare parts incorporate the latest technology. All upgraded components are designed and tested to guarantee a perfect fit, which leads to optimal, original performance.

When buying spare parts from BAC you can count on **high-quality components that keep pace with the latest technology**.



Traditional air intake louvers

Combined inlet shields for improved hygiene and reduced maintenance

## Long-term availability and traceability

BAC has **70 years of worldwide field presence and expertise** and guarantees the availability of original components for any BAC equipment.

All units are identified with a unique Serial Number. Under this number BAC records your equipment order details. We specify any custom execution, all component specifications and any relevant unit history for the entire life of the equipment.

With this **comprehensive customer follow-up system** we can quickly find the perfect replacement component for your specific equipment.



## Operational safety

BAC components — individually and when integrated into BAC equipment — comply with the requirements of the most stringent international and local legislation with regard to safety and hygiene. The design of BAC products is influenced by **European Directives and recognised standards**.

Substitution of key components by non-authorized parts compromises both quality and safety and may invalidate any certification.

For example, BAC drift eliminators have successfully been tested according to Eurovent standards. Substitute drift eliminators may exceed the guaranteed maximum drift loss and risk the unwanted discharge of aerosols into the atmosphere.

BAC is your best partner if you want to **comply with local regulations for safety and hygiene**.



## Quick delivery

More than 80% of BAC's current parts and components are **available off-the-shelf** and the rest can be manufactured on demand as per original drawings for BAC cooling equipment up to 20 years old.

Most of our spare parts can be delivered **within 24 hours** in most regions.



# Baltimore Aircoil

## 7 risks if not choosing original BAC spare parts

**1. The thermal performance of your equipment decreases** compared with the original designed capacity. Capacity shortage may only appear in peak periods – but by then it is too late to react or diagnose properly. Lower efficiency means that your system energy consumption will effectively increase over the whole year.

**2. Your cooling equipment gets damaged.** Installing parts that do not fit properly can damage the equipment's construction material or other key components. This leads to premature failure.

**3. Your cooling equipment suffers from a longer than expected downtime.** Parts that do not fit properly need extra adjustments or replacement of extra components. This requires more labour and shut-down time. Increased downtime is even more relevant if you allow components to be replaced by non-qualified technicians.

**4. You encounter extra costs.** If the thermal performance is no longer met, your year-round energy cost will be higher. Additional materials and labour for finding and fitting the parts are almost never taken into account when ordering cheap parts.

**5. You select a wrong part.** Special attention and time are needed to select a similar part that may match the conditions of the original one. Other suppliers don't have a file of your equipment and can't rely on BAC's in-house specifications such as fan or pump curves. They will not be able to offer you a component that complies with the approved technical specifications of the original one.

**6. You are exposed to a higher accident risk** such as personal injuries or Legionella outbreaks if some components do not conform to safety standards or are not extensively tested for working under the equipment's operating conditions.

**7. You encounter premature deterioration of your asset** because you may have chosen for parts that do not conform to BAC's approved technical specifications, ISO 9000:2008 or other quality standards.



Register your BAC equipment at [www.BaltimoreAircoil.eu/register-myBAC](http://www.BaltimoreAircoil.eu/register-myBAC) and receive a spare parts list for your equipment.

## BAC original spare parts keep your equipment fresh ...

### and ensure a year-round reliable operation.

- Original performance for lowest system operating cost
- Minimum downtime and maximum lifetime
- Operational safety
- Improved operation and maintenance through integration of latest technology
- Long-term availability and traceability
- Quick delivery

For more information visit our website at [www.BaltimoreAircoil.eu](http://www.BaltimoreAircoil.eu) or contact your BAC representative to assist you with the upgrade or maintenance of your cooling installation, to ensure your process operates continuously at the highest efficiency.



**Baltimore Aircoil**

[www.BaltimoreAircoil.eu](http://www.BaltimoreAircoil.eu)  
[info@BaltimoreAircoil.eu](mailto:info@BaltimoreAircoil.eu)

Your local contact:

... because temperature matters™