



# Balticare

Heat Transfer Products and Services from Baltimore Aircoil



MINIMISE  
DOWNTIME



AVOID  
RISK



INCREASE  
EFFICIENCY



MORE  
SAFETY



SAVE  
MONEY



The **EXPERT** Cooling Tower Service Company  
Ensuring Safe and Efficient Operation  
of your BAC Equipment



RELAX, WE TAKE CARE OF EVERYTHING...

AVOID  
RISK

WITH

## GENUINE BAC SPARE PARTS



To ensure proper operation, replacement components need to be genuine BAC spare parts. Many wearing components requiring replacement on a scheduled basis have a major influence on the thermal performance of the BAC unit.

Replacing these components with non-authorized parts could lead to a sharp 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.



Genuine BAC spare parts are vital in maintaining safe operation of BAC equipment. Substitution of key components with non-authorized parts compromises both quality and safety.

For example, substitute drift eliminators will likely exceed the guaranteed maximum drift loss with BAC eliminators and risk discharging unwanted aerosols into the atmosphere.



- Maintaining design thermal performance
- Ensuring safe operation



MINIMISE  
DOWNTIME

WITH

## FACTORY TRAINED SERVICEMEN

BAC Balticare has a team of fully trained and skilled service technicians who are experienced in working on all the models in the BAC range. They know how best to replace or repair components with minimum downtime and disruption to the cooling system. Whether changing fans, bearings, fill pack or heat exchange coils, BAC Balticare servicemen will do a quality job at competitive cost.



In addition all work carried out will be accompanied with a report by the BAC Balticare service technician which records the work done and makes suggestions for other replacement parts or remedial measures to restore optimal operational and safety levels. This will ensure the BAC equipment is well maintained to maximise system efficiency and minimise operating costs and energy usage.



- Assuring high quality service work
- Maintaining BAC equipment in optimal condition

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## PREVENTIVE MAINTENANCE



Many companies implement preventive maintenance programmes with the aim of offsetting the cost through savings from increased plant efficiency, greater reliability and less downtime of the cooling system.



BAC Balticare offers a choice of preventive inspection and electro-mechanical maintenance programmes in accordance with BAC's Operating and Maintenance Instructions. These include inspection of the general condition of the BAC unit with particular regard to evidence of corrosion or scaling of vital heat exchange and internal surfaces caused by inappropriate water treatment.

A BAC Balticare maintenance contract is carried out by experienced Balticare servicemen and includes a service visit report. Regular scheduled maintenance will ensure the BAC equipment is kept in optimal condition at the lowest overall operating cost.



- Assuring reliability through good maintenance
- Achieving lowest life cycle cost



INCREASE  
EFFICIENCY

WITH

## REFURBISHMENT

BAC equipment may need refurbishment or upgrading during its lifetime. BAC Balticare provides a wide range of refurbishment or upgrading options for all BAC models.

Refurbishment services include repair or replacement of panels and structural components subject to corrosion or mechanical damage. BAC Balticare offers a high quality re-painting service for the internal surfaces of the equipment to extend its operating life.



## UPGRADING

New technology and upgraded components can be incorporated into existing BAC installations. These include removable fill pack options, combined inlet shields (to avoid splash-out and algae growth at the air inlets), low noise fans, sound attenuation packages, high level access platforms and plume abatement coils. These upgrades improve the efficiency of the equipment, satisfy any new regulations or standards and enhance maintainability, thereby leading to optimal performance and safer operation.

- Extending BAC equipment life
- Enhancing maintainability and safety with new technology



**MORE  
SAFETY**

**WITH**

## **WATER TREATMENT, FILTRATION, CLEANING AND DISINFECTION**

Evaporative cooling equipment needs good water treatment to protect the components and heat exchange surfaces making up the cooling system. Water treatment is also vital in avoiding the proliferation of harmful bacteria, including legionella, in the recirculating water.

BAC Balticare offers a wide range of automatic water treatment and filtration packages to control corrosion, scaling, fouling and microbiological growth in cooling systems incorporating BAC equipment. Filtration is recommended particularly where there is airborne contamination as it helps keep the water clean, minimises the amount of physical cleaning that is necessary and assists the water treatment programme to work better.

BAC Balticare water treatment programmes automatically control dosing of chemicals and bleed-off. The cycles of concentration are optimised to minimise water loss through bleed-off whilst controlling corrosion and scaling.

BAC Balticare also offers a comprehensive cleaning and disinfection service for BAC equipment in full compliance with local legal requirements and codes of practice.



- Achieving good quality water for optimal thermal performance
- Avoiding harmful microbiological growth

**No clean, properly treated and well maintained cooling tower or evaporative condenser will ever cause a case of Legionnaires' Disease**

Contact BAC Balticare, the **EXPERT** Cooling Tower Service Company:



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