Baltimore Aircoil

Keep the heart of your cooling tower in optimal condition with ...

BAC filtration packages and water treatment equipment

Baltimore Aircoil has more than 70 years of experience and technical expertise to guarantee outstanding performance of the Miller-made BAC cooling towers.

• You allow fill to be replaced by non-qualified technicians.
• Your cooling equipment needs more maintenance.
• Your benefits
  • Minimise water flow through the unit. This is a significant reduction of the pressure drop. The new operation point may result in 35% less air flow through the unit. This is a significant reduction of the unit’s capacity.
  • Achieve good water quality for optimal thermal performance
  • Keep your fill clean to reduce maintenance or prevent replacement
  • Avoid harmful microbiological growth

Major risks when choosing fill other than original BAC fill

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

2. Your cooling equipment needs more maintenance. Non-authorised fill used may also lead to increased maintenance, for example by non-authorised fill leading to premature replacement with extra downtime and fill purchase expenses.

3. Your cooling equipment suffers from a longer-than-expected downtime. Fill that does not fit properly needs extra adjustments or replacement of extra components. This requires more labour and downtime. Increased downtime is even more relevant if you allowfill to be replaced by non-authorised fill.

4. You encounter extra costs. If the thermal performance is no longer meets, your annual energy cost will be higher. Different materials and values for flow and filling the fill are at most never taken into account when ordering new fill.

5. You are exposed to higher hygiene risks. The use of non-authorised fill can result in waste water and air distributions.

These are some of the disadvantages of using non-BAC fill. BAC fill guarantees:

• Original performance for lowest system operating cost
• Minimum downtime and maximum lifetime
• Operational safety
• Easy maintenance and cleaning

Baltimore Aircoil

Don’t let wrong fill break the heart of your cooling tower. Let BAC assist you in choosing the best fill and have maximum confidence in the reliability and performance of your BAC cooling tower.

BAC fill guarantees:

• Original performance for lowest system operating cost
• Minimum downtime and maximum lifetime
• Operational safety
• Easy maintenance and cleaning

For more information visit our websites at www.BaltimoreAircoil.eu or contact your BAC representative to assist you with the appropriate or maintenance of your cooling equipment, to assure your process operates continuously at the highest efficiency.
Crossflow cooling towers

BACross®
- Guaranteed original performance
- Easy core inspection
- Perfect fit - model specific size
- Optional electrical connector (EM)

BA Cross® bundles
- Guaranteed original performance
- Easy to handle, FRP and biocidal
- Easy core inspection - by bundle easily done
- Easy to clean
- Reduced fouling
- Perfect fit - model specific size

BA Cross® II
- Guaranteed original performance
- Lower maintenance costs
- Easy core inspection - sheet by sheet without dismantling
- Easy cleaning - sheet by sheet in the tower
- Easy to handle in high wind rises or site conditions
- Perfect fit - model specific size
- Low shipping costs through nested shipment and smallest fill staging

VersaCross™
- Increased thermal performance of original BACross II by average of 12%
- Easy core inspection - sheet by sheet without dismantling
- Easy cleaning - sheet by sheet in the tower
- Difficult to install with model specific retrofit kit
- Low shipping costs through nested shipment and smallest fill staging

CHARACTERISTICS
- BA general sheet design with maximum air and water contact
- Integrated eliminators (Eurovent certified)
- Self-cleaning FRP material, impervious to rot and biological attack
- For temperatures up to 50°C

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

BACount® bundles
- Guaranteed original performance
- Easy to handle, PVC and biocidal
- Easy core inspection - by bundle and by sheet
- Easy to clean
- Reduced fouling
- Perfect fit - model specific size

BA Versapak®
- Guaranteed original performance
- Easy to handle, FRP and biocidal
- Easy to replace
- Perfect fit - model specific size
- High temperature application

Special executions
- Manual tie-down handle for easy removal
- Removable side panel option

CHARACTERISTICS
- BA general sheet design with maximum air and water contact
- Integrated eliminators (Eurovent certified)
- Self-cleaning FRP material, impervious to rot and biological attack
- For temperatures up to 50°C

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

FRP fill
- Guaranteed original performance
- Easy to handle, FRP and biocidal
- Easy core inspection - by bundle and by sheet without dismantling
- Easy cleaning - sheet by sheet without dismantling
- Suitable for dirty water applications
- Low shipping cost through nested shipment and smallest fill staging

CHARACTERISTICS
- BA patented sheet design with maximum air and water contact
- Self-cleaning FRP material, impervious to rot and biological attack
- For temperatures up to 45°C

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

REPLACEMENT
TRV 52000 / 52000 C10, 3000, 6000 (context)

High temperature fill
BA offers all cooling tower types high temperature fill alternatives, depending on the type and requirements:
- up to 150°C normal or TRV 3000 material
- up to 200°C normal or TRV 6000 material

Low shipping costs through nested shipment and smallest fill staging

We recommend to discuss your needs with your local BAC representative to ensure your process operates continuously in the highest efficiency.

Baltimore Aircoil Company