



High capacity
dry cooler in a single
unit footprint



TrilliumSeries™
Dry Cooler

TDFS

Dry Cooler



SUPERB THERMAL CAPACITY

MOST EFFICIENT DRY COOLER

Best in class heat rejection due to **fan** and **double stack coil design**.

Optimized airflow uses CFD analysis and real life lab tests.

Multiple coil circuiting minimize pumping energy costs.

Vertical coil design for superior cooling, with a huge copper coil for most efficient heat rejection.



LOW SOUND

IDEAL FOR QUIET OPERATION

Quiet unit operation meet sound regulations for high population areas.

Night quiet operation automatically optimizes performance and sound during overnight hours.

Optional **Whisper Quiet™** fans reduce sound power by up to 13 dB.



EASY MAINTENANCE AND INSPECTION

DESIGNED FOR SAFETY AND SIMPLICITY

All **critical components** are easily **accessible** from internal and external access platforms.

Fan motors can be replaced in all safety with a **motor removal system**. There is no risk of damage to critical components such as heat exchangers and bottom panels.

Self-cleaning mode minimizes routine maintenance.

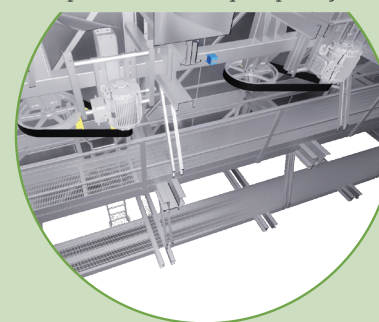
TDFS

TrilliumSeries™ dry cooler

High capacity dry cooling in a single unit footprint

The TrilliumSeries™ dry cooler - model TDFS is a double stack dry cooler that has been developed to achieve maximum capacity in a small footprint with low sound operation. It provides energy savings for water stressed regions.

4 fans with **individual fan motors** provide back-up capacity



Most structural elements are hot-dip galvanized steel protected with **Baltibond® hybrid coating**

Fans remain operational even in the event of loss of PLC signal



Motor removal davit ensures a smooth motor removal

Copper coils with aluminum fins

Optimized dry coils, multiple coil-circuiting minimize pumping energy cost

Factory-wired, CE approved **singlepoint controls** for easy inspection

Internal and external **platforms and ladders (optional)** facilitate access for maintenance and inspection



LOW INSTALLED COST

FLEXIBLE TO INSTALL

Fewer total units require **less space** and mean less steel support, field piping and wiring.

Single point wiring and coil connections on a single end ensure an efficient, speedy installation.

Sections are optimized for efficient truck shipping.



REDUNDANCY

UNMATCHED DEGREE OF BACKUP CAPACITY

4 fans with individual fan motors provide an unmatched degree of backup capacity.

Proven **belt-driven Baltidrive® power train** used in thousands of installations worldwide.

Factory-wired components and controls guarantee full performance even with loss of controller or communication.

Instant troubleshooting directly from the control panel.

MORE INFO?

CONTACT YOUR LOCAL BAC REPRESENTATIVE.



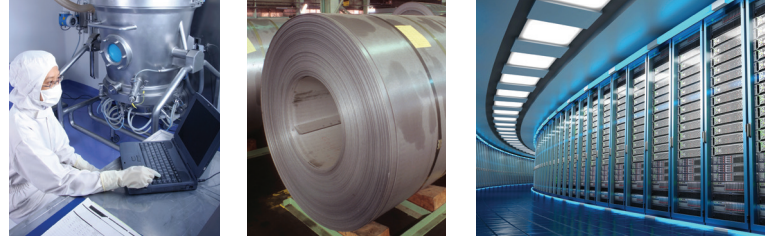
More than 85 years of
experience and know-how



BAC has production capacity
for any project size



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WHO WE ARE

BAC is proud to be the world's cooling partner. We create sustainable comfort cooling, process cooling, and refrigeration solutions for the most essential and demanding environments on earth.

SUPPORT IN EVERY STAGE OF YOUR PROJECT

Today BAC still invests time and resources into the design, testing and the efficiency of the product range.

With the help of thousands of customers and partners, our passionate team of employee-owners, inventors, and reinventors is working in nearly every continent to solve the world's greatest cooling challenges—as only BAC can.

We have expert engineers that are driven to help and support you with one common goal in mind: **developing and delivering cooling products** that fully meet your needs.

PASSION THAT MOVES US FORWARD

Leaders like you have turned to BAC for expert guidance and groundbreaking answers in sustainable, high-performance cooling for more than 85 years. Your trust—in the experience, dedication, and pioneering spirit of more than 2,000 global team members—is the legacy we're driven to grow, year after year.

We know relationships are the most important part of everything we build. **More than a manufacturer, we're proud to serve you as a genuine partner.** Working side-by-side and step-by-step, our team is here to guide you from your very first question, through the full lifecycle of your BAC equipment and beyond.

RELIABILITY

We run **inhouse TrilliumSeries™ production lines**, which includes manufacturing of all critical components such as finned block heat exchangers. This ensures a reliable supply chain and a flexible production capacity that meets the needs of any project size.

With over 85 year of cooling expertise and 10 manufacturing plants worldwide, we have the know-how and production capacity available to quickly meet all your cooling needs.

