



Innovative and efficient cooling solutions for the pharmaceutical and healthcare industry



YOUR DEDICATED PARTNER
IN INNOVATIVE HEAT TRANSFER
AND THERMAL STORAGE

The drive to improve lives with reliable and innovative cooling has always been at the heart of what we do at BAC. Through comfort cooling, production process cooling, and food refrigeration we enable people all over the world to live and work comfortable, safer, healthier and happier.



We help achieve your goals

We serve various markets and have thousands of installations reliably in operation and serviced in the pharmaceutical industry and healthcare. So we are aware of your industry needs. Our products and services help achieve your goals.

- HEALTH IMPROVEMENT** We develop cooling solutions that enable people to work and produce under the most comfortable and safe conditions.
- SAFETY & HYGIENE ASSURANCE** We develop and manufacture products that comply with all safety regulations and incorporate technologies guaranteeing safe operation and maintainability. The cooling water remains clean and contaminant-free in BAC's closed loop products.
- WATER CONSERVATION** We continuously improve our products by incorporating water saving technologies. We have products that recirculate the water and provide smart hybrid wet/dry solutions.
- ENERGY SAVINGS** We continuously improve the efficiency of our products by embedding unique and in-house developed energy saving technologies.
- WASTE ELIMINATION** We handle waste in a compliant and responsible way. Our products are for almost completely recyclable.
- REDUCTION OF CHEMICALS** We offer material coatings and water treatment equipment that reduce substantially the need for chemical water treatment.
- REDUCTION OF GREENHOUSE GAS EMISSIONS** We design products that are able to use natural refrigerants. Our efficient cooling products help reduce emissions caused to generate the auxiliary energy needed for cooling.



Wide range of BAC cooling equipment serving every pharmaceutical application

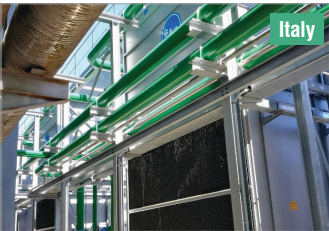


We manufacture efficient and technologically advanced cooling equipment, applicable in many processes of the pharmaceutical and healthcare industry and supporting precise manufacturing processes. **Cooling towers are an important component in keeping medicine production processes reliably up and running.** They support both **black and clean utilities** and provide **comfort cooling** in office buildings, cooling of energy-intensive **clean rooms** and R&D laboratories or cooling of temperature-sensitive **production processes**.

	⚡ ENERGY EFFICIENCY	💧 WATER CONSERVATION	⚕️ SAFETY & HYGIENE	🧪 CHEMICAL REDUCTION
CLOSED CIRCUIT COOLING TOWER	+++++	+++	+++++	+++++
OPEN COOLING TOWER	+++++	++	+++++	+++
HYBRID COOLERS	+++++	+++	+++++	+++++
ADIABATIC COOLERS	++	+++++	+++++	+++++

Note: Specific site requirements like e.g. sound, small footprint, plumeless operation, low process temperatures, etc. can also be important to select a cooling tower technology.

CLOSED CIRCUIT COOLING TOWERS



HYBRID COOLERS



OPEN COOLING TOWERS



ADIABATIC COOLERS



ICE THERMAL STORAGE
Ice thermal storage technology is used to build and **store cooling** when cooling demand and/or energy rates are **low**, which the system then uses for air conditioning or process purposes when cooling demand is high or for emergency cooling.

Expert support for 24/7 reliable cooling

In every stage of your project, we have experienced people that are driven to help and support you with one common goal in mind: developing and delivering evaporative cooling products and services that fully **meet your needs**. Our products ensure **a year round reliable operation** while respecting local regulations and **H&S requirements**.



PROJECT SUPPORT CUSTOMIZED ANALYSIS

We have the **industry's most experienced professionals** in evaporative cooling technology design supporting our local contact points to find solutions for the most challenging demands in terms of **thermal performance, sound emissions, plume control, safety, hygiene, water and energy usage**.

Our **expert engineers** assist you in selecting the appropriate product, calculate the investment and annual operating costs.

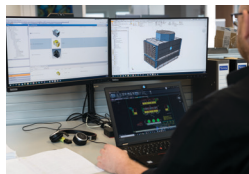
PRODUCT LIFETIME SERVICES 24/7 RELIABLE OPERATION



The thermal performance of our cooling towers are **CTI-Eurovent certified*** guaranteeing the most reliable cooling performance.

Our products comply with any new regulations or standards and enhance maintainability with **minimum disruption**.

Our **local service team** assist you in keeping your cooling towers in optimal and safe condition.



* Check ongoing validity of our certificates on www.euroventcertification.com

Rely on BAC's expert engineers to find the best cooling solution for your needs.

[FIND MY BAC CONTACT](#)

