

TrilliumSeries™

Adiabatic Cooler



**OPTIMIZED
WATER AND
ENERGY
SAVINGS**

**ADIABATIC
MADE
BETTER**

ADIABATIC



TrilliumSeries™ Adiabatic Cooler

For demanding cooling applications where energy efficiency is paramount but where water must be used sparingly, Baltimore Aircoil Company offers the TrilliumSeries™ Adiabatic Cooler. BAC's innovative, inherently reliable fluid cooler optimizes water and energy efficiency in an easy-to-install package that delivers the lowest ownership costs.



LOWEST ENERGY AND WATER COSTS

- **High Dry Switch Point:** Achieved through specialized design and water management
- **Up to 20% Energy Savings:** Experienced when comparing to existing adiabatic cooling alternatives in the marketplace
- **Innovative Water Management System:** Provided for maximum energy efficiency and minimum water use:
 - **Adiabatic Pads:** High-efficiency pre-cooler pads, specially developed to deliver maximum heat rejection; unique protective coating is standard
 - **Water Management:** Dual pump, recirculating system for code compliance and water savings that don't go down the drain
 - **Intelligent Controls:** Standard controls continuously optimize water and energy efficiency; run it how you want with multiple pre-set modes of operation



HIGHEST RELIABILITY & LOWEST COST OF OWNERSHIP

- **Proven Design:** Thousands of BAC adiabatic units installed globally; millions of run-hours
- **Cold-Weather Readiness:** Runs dry in sub-freezing temperatures to achieve reliable year-round operation
- **Continuous Performance:** Redundant fan and water distribution systems for maximum reliability
- **Easy Maintenance and Inspection:** Large access doors and easy pad removal system; inspect and maintain from the outside
- **Self-Cleaning Cycle:** Reversing fan operation for automated maintenance; improves system reliability and longevity



EASIEST INSTALLATION

- **Easy Rigging:** Single-piece lift with no field assembly required
- **Assured Fit:** Up to 20% smaller footprint than comparable adiabatic solutions
- **Fast Installation:** Single-point power connection and plug and play control wiring





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INNOVATIVE DESIGN FEATURES

you won't find anywhere else

Automated Reversing EC Fans

Allow for automatic maintenance, for system reliability and longevity

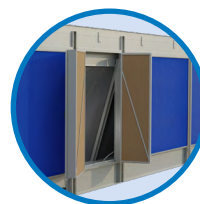


Pad Design

Oversized pads with special coating provide high-efficiency pre-cooling and longevity

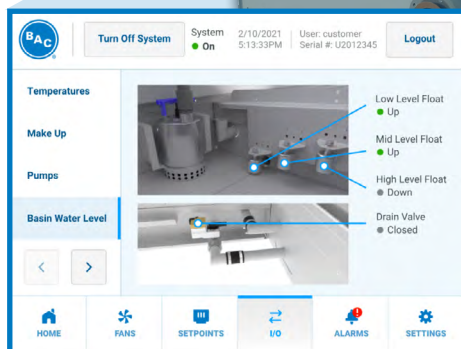
Convenient Access Doors

Easy access to water management system without entering the equipment



Intuitive and Intelligent Controls

Eight application-specific control strategies optimize performance to your needs

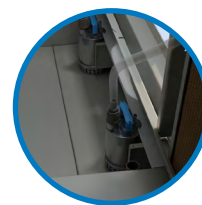


Smart Water Management

Partitioned water distribution design ensures complete, consistent wetting of pads

Recirculating Dual Pump Design

Delivers maximum reliability with optimized energy and water efficiency



LEARN MORE AND CONTACT YOUR SALES REPRESENTATIVE
FOR DETAILED INFORMATION AT
BALTIMOREAIRCOIL.COM/TRILLIUMSERIESCOOLER

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Adiabatic Cooler





AVAILABLE SIZES

Model	Pumps		Fans		Dimensions			Weights (lbs)	
	Qty	Total HP	Qty	Total HP	Height	Width	Length	Operating	Shipping
TRF-1010N-C80Gx17E	2	2/3	4	17	9'-9"	9'-10"	11'-10"	8,322	7,033
TRF-1014N-C80Gx26E			6	26			16'-2"	11,442	9,612
TRF-1018N-C80Gx34E			8	34			20'-1"	14,032	11,552
TRF-1022N-C80Gx43E			10	43			24'-1"	16,744	13,779
TRF-1026N-C80Gx51E			12	51			28'-5"	19,456	15,873
TRF-1034N-C80Gx68E			16	68			36'-10"	25,232	20,481
TRF-1038N-C80Gx77E			18	77			40'-9"	27,668	22,421

THE BAC DIFFERENCE

With over 80 years of industry-leading innovation and experience, BAC creates cutting-edge cooling equipment for the HVAC, Industrial, and Refrigeration marketplaces. We solve customers' unique needs with our expertise and wide range of high-performance systems. BAC leverages the power of evaporative cooling by optimizing the balance of water and energy, but the true BAC difference lies in our absolute commitment to creating sustainable solutions and delivering value to you, our customer.



EXPERT SUPPORT



EXPERIENCED REPS



ENERGY SAVINGS



RELIABILITY

