

TrilliumSeries™

Adiabatic Cooler



*Optimized
Water and Energy
Savings*

ADIABATIC MADE BETTER

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 & 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 & longevity

PAD DESIGN

Thick pads with unique protective coating provide high-efficiency pre-cooling and longevity



CONVENIENT ACCESS DOORS

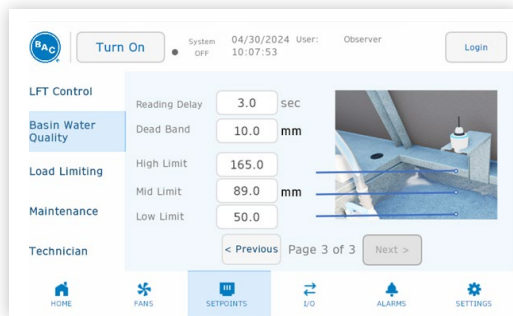
Multiple access doors for easy access to the water management system without entering the equipment and access to the interior plenum under the fans

INTUITIVE AND INTELLIGENT CONTROLS

Multiple application-specific control strategies optimize performance to your needs

RECIRCULATING DUAL PUMP DESIGN

Delivers maximum reliability with optimized energy and water efficiency



Learn more and contact your Sales Representative
BALTIMOREAIRCOIL.COM/TRILLIUMSERIESCOOLER



AVAILABLE SIZES

Model	Pumps		Fans		Dimensions			Weights (lbs)	
	Qty	Total HP	Qty	Total HP	Height	Width	Length	Operating	Shipping
TRF-1010N-C80Fx17E	2	2/3	4	17	9'-9"	9'-10"	11'-10"	8,433	7,143
TRF-1014N-C80Fx26E			6	25			16'-2"	11,618	9,789
TRF-1018N-C80Fx34E			8	34			20'-1"	14,672	12,192
TRF-1022N-C80Fx43E			10	43			24'-1"	16,656	13,691
TRF-1026N-C80Fx51E			12	51			28'-5"	20,007	16,424
TRF-1030N-C80Fx60E			14	59			32'-10"	23,149	18,960
TRF-1034N-C80Fx68E			16	68			36'-10"	26,224	21,473
TRF-1038N-C80Fx77E			18	77			40'-9"	28,440	23,193
TRF-1010N-C60Fx17E			4	17			11'-10"	7,793	6,724
TRF-1014N-C60Fx26E			6	26			16'-2"	10,593	9,083
TRF-1018N-C60Fx34E			8	34			20'-1"	13,338	11,288
TRF-1022N-C60Fx43E			10	43			24'-1"	14,991	12,544
TRF-1026N-C60Fx51E			12	51			28'-5"	17,990	15,013
TRF-1030N-C60Fx60E			14	59			32'-10"	20,790	17,306
TRF-1034N-C60Fx68E			16	68			36'-10"	23,270	19,335
TRF-1038N-C60Fx77E			18	77			40'-9"	25,111	20,768

THE BAC DIFFERENCE

BAC is proud to be the world's cooling partner. Since 1938 we have been creating sustainable comfort cooling, process cooling, and refrigeration solutions for the most essential and demanding environments on earth. From pioneering adiabatic cooling products to leading the industry toward a better tomorrow, BAC innovates for the future, so we can all advance together.

