



Cooling Towers

Designed for Higher Education

Counterflow and Crossflow, Field-Erected

We do things differently and it makes all the difference for you.™

Superior Quality and Reliability

Stronger, longer lasting tower structure with up to 200% greater rigidity in FRP material and stronger joints.

Less maintenance, better appearance with FRP material that withstand chemicals, moisture, UV and temperature extremes.

Improve safety and avoid loss of operations with our standard no-sprinkler FM 4930 Approved construction. (Phoenix®)



Performance ideal for close quarters with flexible footprint, lower energy use, reduced noise levels and less drift.

Optimal Project Execution

Fit tight spaces and performance specs exactly with our flexible structure and Multi-Flo™ distribution system.

Compress your schedule. “Power column” design shortens delivery time and reduces installation time 25-35%.

Make it a safer project. Stable, open-frame FRP structure allows use of scissor lifts with tie-off anywhere on the tower.

Lower Lifecycle Costs

Reduce energy consumption by using the optimal fans, motors, fill and distribution design for your tower design.

Reduce operating risk and cost with FM 4930 Approved construction, without the expense of sprinkler systems.

Lower maintenance costs with open framing FRP structure for easier cleaning, no annual re-torque of structural hardware needed.

Affirming Customer Experience

Get the best design for your tower needs from the industry’s most knowledgeable and experienced FRP tower design team.

Effective, efficient service and support from initial design and construction through post-installation.

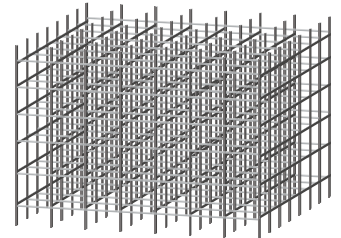
CCS – The Smarter Cooling Tower Choice for Campus Applications

Not all cooling towers are the same. CCS’ exclusive tower structure is unlike any other. That difference drives real and lasting advantages for large campus installations. Based on superior quality FRP construction, each tower is engineered to your specific size and performance requirements using our ThermoFit™ design software, and utilizes our flexible, open-frame tower design. CCS Towers will fit where others can’t and offer faster installation, longer tower life, improved safety and ease of maintenance.

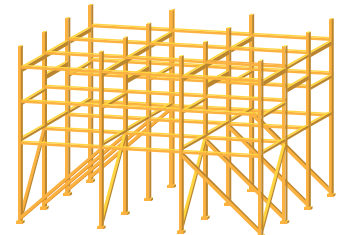
With our unique structure and Multi-Flo™ distribution system, CCS can optimize tower performance for your campus, including:

- Greater overall tower capacity within footprint, for more flexibility in placement
- Higher heat transfer efficiency, potential 30-50% flow turndown benefit, and reduced energy use
- Reduced sound levels for closer placement to learning areas, using low-noise fan designs
- Reduced drift for safer placement near parking lots, garages and traffic areas

Competitor's Structure
42' x 42' Cell
6' x 6' Bays
6 Levels



CCS Structure
42' x 42' Cell
14' x 14' Bays
3 Levels



86%
Less
Hardware

81%
Fewer
Connections

75%
Fewer
Columns

CCS Cooling Tower Capacities

CCS field-erected cooling towers are custom-designed to fit footprint, flow and sound requirements. They are the ideal choice for demanding college and university campus applications where 300 tons and greater capacity per cell is required.

Tons Per Cell	300	1000	2000	3000	4000
Counterflow	PermaLite™	Phoenix®			
Crossflow		3000XLF™		Titan™	

CCS Higher Education Installations



Column 1

Massachusetts Institute of Technology -
Cambridge, MA
Texas State University - San Marcos, TX
The University of North Carolina at
Chapel Hill - Chapel Hill, NC

Column 2

The University of Arizona - Tucson, AZ
The University of Texas - Austin, TX
Duke University - Durham, NC

Binghamton University
Brigham Young University
Duke University
Duquesne University
Howard College
Jubail Industrial College, Saudi Arabia
King Fahd Univ of Petroleum &
Minerals (KFUPM), Saudi Arabia
Massachusetts Institute of Technology
New Mexico State University
North Carolina State University
Nova Southeastern University
Penn State University
Texas A&M University Corpus Christi
Texas State University
The Ohio State University
The University of Arizona
The University of Iowa
The University of Kansas
The University of Texas at Austin
The University of Texas at Dallas
The University of Texas at San Antonio
The University of Tulsa
The University of Utah
United Arab Emirates University,
Al-Ain University
University of California
University of California, Davis
University of California Irvine CoGen
University of California, San Francisco
University of Central Florida
University of Delaware
University of Kentucky
University of Maryland, Baltimore
University of Massachusetts Amherst
University of Miami
University of Missouri
University of North Carolina
University of Pennsylvania
University of Rochester
Virginia Tech
Wake Forest University
Weber State University
Yale University

For more information, or to find your local CCS representative,
please visit www.compositecooling.com or call us at **817.246.8700**

Composite Cooling Solutions (CCS) is a custom cooling tower solutions provider specializing in the design and build of field-erected fiberglass and concrete cooling towers. Our exclusive tower structure is unlike any other on the market — using custom-engineered components and a flexible, open-frame design to enable faster and safer project execution and lower costs over the life of the tower. From our founding leaders who pioneered the cooling tower industry to our experienced and responsive teams, you can rely on CCS to deliver a lasting solution for your cooling needs.

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4150 International Plaza, Suite 500
Fort Worth, Texas 76109-4826
817.246.8700 phone
817.246.8717 fax

www.compositcooling.com



FM 4930 Approval certifies quality and protection. There are more CCS field-erected FM Approved cooling towers in operation than all competitors combined.

Composite Cooling Solutions' cooling towers (or parts thereof) are covered and protected by one or more of the following United States Patents (and other pending U.S. patent applications): U.S. Patent No. 7,257,734, U.S. Patent No. 7,607,646, U.S. Patent No. 7,997,562, U.S. Patent No. 8,376,323 and U.S. Patent No. 8,602,397



ISO 9001:2008