



PROCESS COOLING EQUIPMENT

AND ENGINEERED SYSTEMS

P.O. Box 560369 Charlotte, NC 28256
TEL (800) 872-1448 FAX (704) 597-8697

Cooling Technology, Inc. specializes in the manufacture and design of process cooling equipment and chilled water systems.

Since 1985, It has been our goal to deliver the highest quality products and services. Over the years, we have earned a reputation for providing innovative solutions to the most challenging cooling applications.

The key to Cooling Technology's success has been our flexibility and paying close attention to our customer's needs. We learn the nature of the process and configure the equipment to best suit each individual application.

We maintain a large staff of engineers that are specialists in the design of refrigeration, fluid pumping and heat-transfer systems. We prepare precise piping, general arrangement, electrical and control drawings which are submitted for customer approval.

The components that go into our equipment are selected from quality, name-brand sources.

Manufacturing is performed by skilled technicians in strict accordance with standards and procedures.

Cooling Technology will take full responsibility for the design, manufacture, installation, start-up and service of the chilled water system.

We also offer our customers a "turn-key solution" that eliminates many third party related issues.

We can provide factory layout & system piping schematics along with general arrangement drawings to help optimize a facility's square footage and water system capability.

No job is beyond the ability of our experienced installation crew. They have consistently won praise for the quality of their work, attention to detail and on-time performance.

Other services we offer include ongoing technical support, operation & maintenance training, equipment start-up, service and parts.

Whether it is a portable chiller, custom unit or a cooling system complete with installation and start-up, Cooling Technology provides a quality product that is cost effective and delivered on time.

Cooling Technology is involved in many markets and applications. Our systems can be found in facilities throughout the United States and the world.

Injection Molding	Medical Equipment
Pulp & Paper	Pharmaceutical
Anodizing	PetroChemical
Lasers	Food Processing
Clean Rooms	Rubber
Welders	Plating Tanks
Extrusion	Air Compressors
Electronics	Water Jackets
Comfort Air	Solvent Recovery
Quench Tanks	Batch Cooling

PRESIDENT'S CORNER

At Cooling Technology, we believe the secret to success is in providing superior products and services that places the needs of our customers at the focus of our efforts.

Our staff of engineering and sales professionals respond to each inquiry promptly with thorough information and competitive equipment pricing.

Please weigh the value of having a partner who is attentive and provides the highest level of engineering expertise.

We welcome the opportunity to demonstrate our philosophy and do our utmost to exceed your expectations.

-Pat Oza-

EQUIPMENT

We realize that equipment reliability and performance are critical to our customer's operations. By applying the most sound engineering principles into a rugged design with generously sized, quality components and numerous safeties, we ensure that our equipment is ready for continuous use in the most hostile industrial environment.

Manufacturing is performed by our highly skilled technicians working in close co-operation with the Engineering Department. All equipment is fully tested under loaded conditions before shipment to ensure easy start-up and reliable service.

INSTALLATION

We specialize in providing turn-key solutions. By becoming involved at an early stage, we can identify requirements and present design options before manufacturing, installing and starting the system.

For existing operations, we can be relied on to increase capacity, add piping, or upgrade a system to improve efficiency and reduce maintenance costs.

Whatever our customer's needs, we respond as a team member with equipment start-up and training to ensure trouble-free system operation.

ENGINEERED SYSTEMS

Our engineers have the experience to solve the most challenging applications and can modify an existing configuration, or provide a system built in strict accordance to our customer's specifications.

Our systems include water, air and evaporative chilled water systems, free cooling system integrated with PLC controls, open and closed loop cooling tower systems, closed hydronic and pumping systems.

We can also design equipment or systems in strict compliance to customer provided specifications, stainless steel construction or to meet explosion-proof requirements.

SERVICE

We know the impact caused by equipment downtime and the need to minimize it. Cooling Technology's Service Department is experienced in all aspects of equipment testing, repair and maintenance. Should a problem occur, we move quickly to evaluate and correct them to our customer's satisfaction.

We also have a network of authorized service agents to respond to any request and carry an extensive inventory of replacement parts to provide prompt delivery of critical components.



COMPACT CHILLERS

All of our equipment is engineered for continuous duty and built to withstand the most demanding industrial applications.

Compact chillers are available in integrated or remote air and water cooled models with an integrated pump/tank and a non-ferrous water path to help ensure a clean water environment.

Our chillers have numerous safeties and features such as electronic temperature control, filtration, isolation and service valves.

There are also many options and configurations available including batch delivery, stainless steel cabinetry, heating/cooling units with multiple zones, high or low ambient and microprocessor control.

Performance and control features are verified prior to shipment to ensure smooth onsite start-up and years of trouble free service.

CENTRAL CHILLERS

Are available to 200+ tons capacity in several configurations that include integrated or remote air-cooled and water-cooled models along with evaporative condensed chillers that have the highest energy efficiency ratings.

We use reciprocating, scroll or screw compressors in the design of our central chillers along with shell & tube or brazed plate heat exchangers. All components are selected to suit each application.

Our central chillers are offered with multiple refrigeration circuits, integrated pump/tanks, filtration, intermediate heat exchangers, custom controls or designed to meet specific requirements.

Cooling Technology offers a choice of refrigerants including HCFC-22 (available until the year 2020) along with non-ozone-depleting HFCs such as R-404a, R-407c, R-410a and R-134a.





PUMP / TANKS

Are integral to a central water system and can be configured to meet any requirement.

FILTRATION PRODUCTS

Our inline and side stream filters reduce particulate in water streams.

COOLING TOWER CELLS & SYSTEMS

Are used for chiller condenser or plant-wide cooling and can be configured in open or closed-loop designs.

HEAT EXCHANGER / PUMP SKIDS

Maintain precise temperatures while isolating processes from a central water system.

MOLD TEMPERATURE CONTROLLERS

A superior design featuring a non-ferrous water path and programmable controls.

FLUID COOLERS

In both air and evaporative designs for use in a system or packaged with pump and tank.

CHILLER MICRO-CONTROLLER

Our state of the art controller will keep the system running at it's optimal level. The controller eliminates nuisance trips through a selectable, pro-active algorithm that protects the compressor and reduces cycling up to 75%.

It is the most user friendly controller available. It's single function keypad with a large character backlit display displays status & help information in common terms and users can quickly obtain data or modify control parameters.

It allows for communication via RS-232 or 485 ports to a building management system, PC or modem with an extremely fast 'Windows' based support system with history, static and dynamic graphing to aid evaluation.

The controller is mounted in a professionally wired, NEMA rated panel with other electrical components that are labeled to correspond with the electrical schematics.



Naval Research Laboratory Minute Maid Cormatech U.S. Navy Alcoa
Plano Molding U.S. Air Force Amoco Fluor Daniel U.S. Coast Guard NASA Constar
General Dynamics Los Alamos National Lab Michelin Tires Florida Production Bose Corp
Illinois Tool Works Hansgrohe Revlon Complex Tooling & Molding Sofanou Raychem
3-M Company General Motors Otto Industries Quaker Oats Schaefer Systems Wolf-tec
Merck Pharmaceutical General Tire Northrup Vanguard Plastics Florida Steel
Westinghouse Supreme Oil Scott Paper Rehrig International Samsonite Luggage TVA
Sun Chemicals Seagate Cornell University Engelhard-Clal Ultradent Products York
Milliken Chemical Firestone Fibers Owens Illinois Cambridge Industries Mazda Motors
United Technology Worthington West Valley Nuclear Sandoz Chemical Pisgah Labs
Nypro Pacific Scientific Kerite IBM Johnson Controls IMO Industries Regal Ware
International Paper Hamilton Beech Hoechst-Celanese Monsanto Penn State University
Helene Curtis Parker Hannifin Sonoco Fibers Sunbeam Oster Westclox Worthington
Kohler Fluke Toshiba Timex Allied Signal Texas Instruments
Wireway/Husky Tennex Industries Reliance Electric Lockheed Martin Inolex Chemical

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Solutions to your process cooling needs...

Represented By: