PROCESS COOLING®

Efficient Heat Transfer by Design





INDUSTRIAL COOLING. ENGINEERED TO PERFORM.

Process Cooling Systems engineers, manufactures, installs and services custom process water systems for industrial manufacturers. Mechanical and electrical design, CAD and 3D modeling all happen in house, so working with one team from engineering review through commissioning gives you a single point of accountability for the life of the equipment.

1963	75,000 FT^2	70+	20+	UL 508A
YEAR FOUNDED	MANUFACTURING FACILITY	EMPLOYEES	YEARS AVERAGE EXPERIENCE	IN-HOUSE PANEL SHOP

OUR SOLUTIONS

CUSTOM ENGINEERED COOLING SYSTEMS	Modular chillers, expandable cooling towers, free cooling economizers and control skids.
AIR ROTATION SYSTEMS	32°F to 250°F, up to 150,000 CFM per unit, 60 MBH cooling and 1,000 MBH heating.
SPACE CONDITIONING	High-capacity cooling, humidity control and zoned management for production floors.
CLEAN ROOM CONDITIONING	HEPA filtration, air handlers matched to clean room class and ISO-compliant climate control.
HEAT RECOVERY & WATER CONSERVATION	Heat recovery integration, rebate support and dry-air economizers for free cooling.
TEMPORARY COOLING	Rental chillers from 5 to 60 tons and pump systems up to 1,000 GPM.
HIGH EFFICIENCY MEDIA FILTERS	Manual or automatic backwash with UL-listed control panels.

OUR CAPABILITIES

SYSTEM DESIGN & ENGINEERING	Mechanical and electrical design with in-house CAD and 3D modeling, pre-skidded tower and chilled water systems and modular mechanical rooms.
CONTROL SYSTEM INTEGRATION	UL 508A panels with PLCs, VFDs and OPC UA interfaces including EUROMAP.
MANUFACTURING	Fully welded stainless tanks, close-coupled pumps and complete leak testing.
PROJECT MANAGEMENT & INSTALLATION	Preconstruction planning, utility routing and downtime scheduling around production.
INSTALLATION & PLANT PIPING	Process water and air piping, rigging, structural steel and commissioning.
SERVICE & SUPPORT	Start-up, commissioning, preventative maintenance and 24/7 service, including equipment from other manufacturers.

EQUIPMENT WE DESIGN, BUILD AND SUPPORT

ADIABATIC COOLERS
Dry-air coolers with adiabatic assist for free cooling opportunities

CENTRAL & PORTABLE CHILLERS
Portable units from 5 to 60 tons, central systems from 15-ton modules upward

COOLING TOWERS
25 to 1,471 nominal tons per unit with a 15-year exterior shell warranty

PUMP TANKS & SKIDS
Fully welded stainless steel tanks on structural steel pump bases

MEDIA FILTERS
Sand filtration with manual or automatic backwash control

INDUSTRIES SERVED

- Plastics & injection molding
- Food & beverage processing
- Chemical & petrochemical
- Heat Treatment
- Wire & Cable
- Medical device manufacturing
- Pharmaceutical & clean room
- Battery & electronics
- Data Centers
- Oil & Gas Refinery

PROCESS COOLING®

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MAIN OFFICE

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Leominster, MA 01453

SOUTHEAST DIVISION

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Chesnee, SC 29323

CONTACT

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Installations: 1-800-696-2665 x215
Engineering: 1-800-696-2665 x212

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UL 508A INDUSTRIAL CONTROL PANEL FABRICATOR

LICENSED IN Alabama, Arizona, Arkansas, California, Connecticut, Florida, Louisiana, Massachusetts, Michigan, Mississippi, Oklahoma, South Carolina, Tennessee, Utah and Virginia, with more to come. **WORK COMPLETED IN** the United States, Canada, Mexico, Poland, Ireland, Fiji, Brazil, Ecuador, El Salvador, Colombia, Trinidad and Tobago, Uruguay and Venezuela.