



THERMALCARE

Superior equipment, Exceptional service

Pump Systems

INDUSTRIAL PUMP RESERVOIR SYSTEMS



Where water means business.

The THERMAL CARE Pump System

THERMAL CARE offers a wide variety of flexible, long lasting, and custom engineered Pump Reservoir Systems for a complete range of cooling tower or chiller applications.

PT Series

250 to 6,000 gallons

Premium Control Panel

C-UL 508A industrial control panel with high-quality components that are safe and built to last

Advanced PLC

System with large color touch screen for precise control and remote monitoring

Reliable

Discharge check valves stop supply line flow-back at shut down

Dependable

Solid plate steel pump deck surface for added rigidity, serviceability, and safety

Damage-resistant

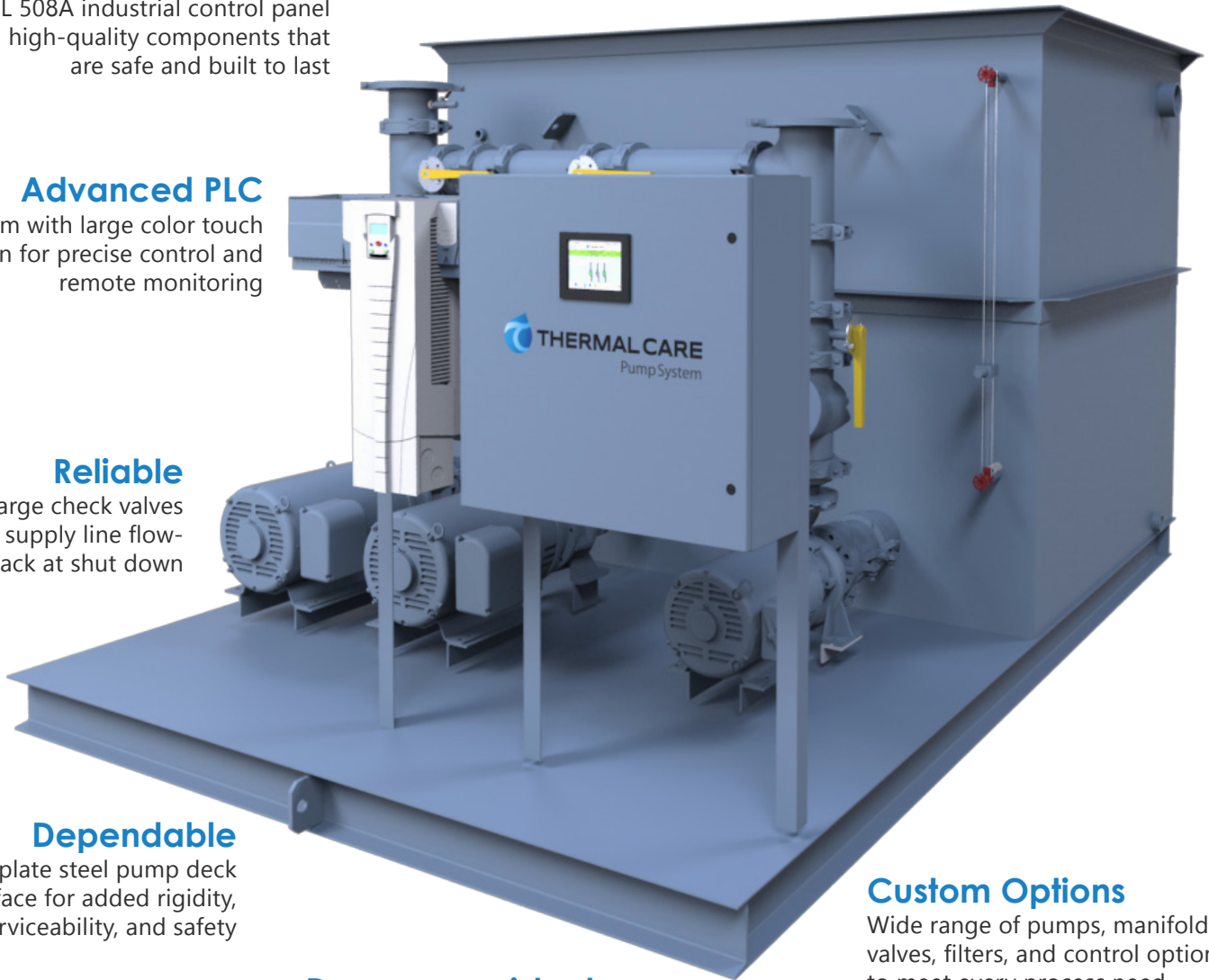
Anti-vortex suction legs ensure no pump damage due to air entrapment

CONNEX4.0

Available CONNEX4.0 capable for remote monitoring and multi-unit system control

Durable

Stainless steel or fiberglass reservoir construction provides corrosion resistance



Custom Options

Wide range of pumps, manifolds, valves, filters, and control options to meet every process need

**Our sales and support teams are ready!
Give us a call today 847-966-2260**



Pump reservoir installation with heat exchanger and SF filter

Advanced PLC Control System - CONNEX4.0 Ready

Each PLC communicates with THERMAL CARE’s plant-wide central monitoring system.

The PLC controls, monitors, and maintains stable and reliable operation of the pumping system. A durable color touch-screen HMI displays a variety of operational screens for an uncomplicated view of the system, including time stamped faults or alarms and compressor and pump hours.

Features include:

- LCD color touch screens
- Remote monitoring from any computer or mobile phone
- Expandable multiple system control
- Controls including Alarm Status, Compressor Staging, Remote Start/Stop, and more

CONNEX 4.0 VERSION 4.000		THERMALCARE		TSE DEVICE 01 - TSE	
TSE	TC	NQ	PTS	TSE	
SYSTEM RUNNING - MONITORING SYSTEM DEMAND					
SETPOINT	50.0		CIRCUIT 1		CIRCUIT 2
CONDENSER FLUID IN	80 °F	COMP(S) ON	2		COMP(S) ON
EVAPORATOR FLUID IN	60.0 °F	COND OUT	95 °F		COND OUT
TO PROCESS FLUID	50.0 °F	EVAP OUT	50 °F		EVAP OUT
PROCESS DELTA T	10.0 °F	CAPACITY (TON)	80.0		CAPACITY (TON)
STAGE DEMAND	100 %	SUCTION	DISCHARGE	SUCTION	DISCHARGE
		246 PSIG	369 PSIG	248 PSIG	371 PSIG
<a>BACK		<a>HOME		<a>REMOTE	
		<a>ALARMS		<a>SUPPORT	
		<a>DATA		<a>STOP	

Available CONNEX4.0 Main Screen

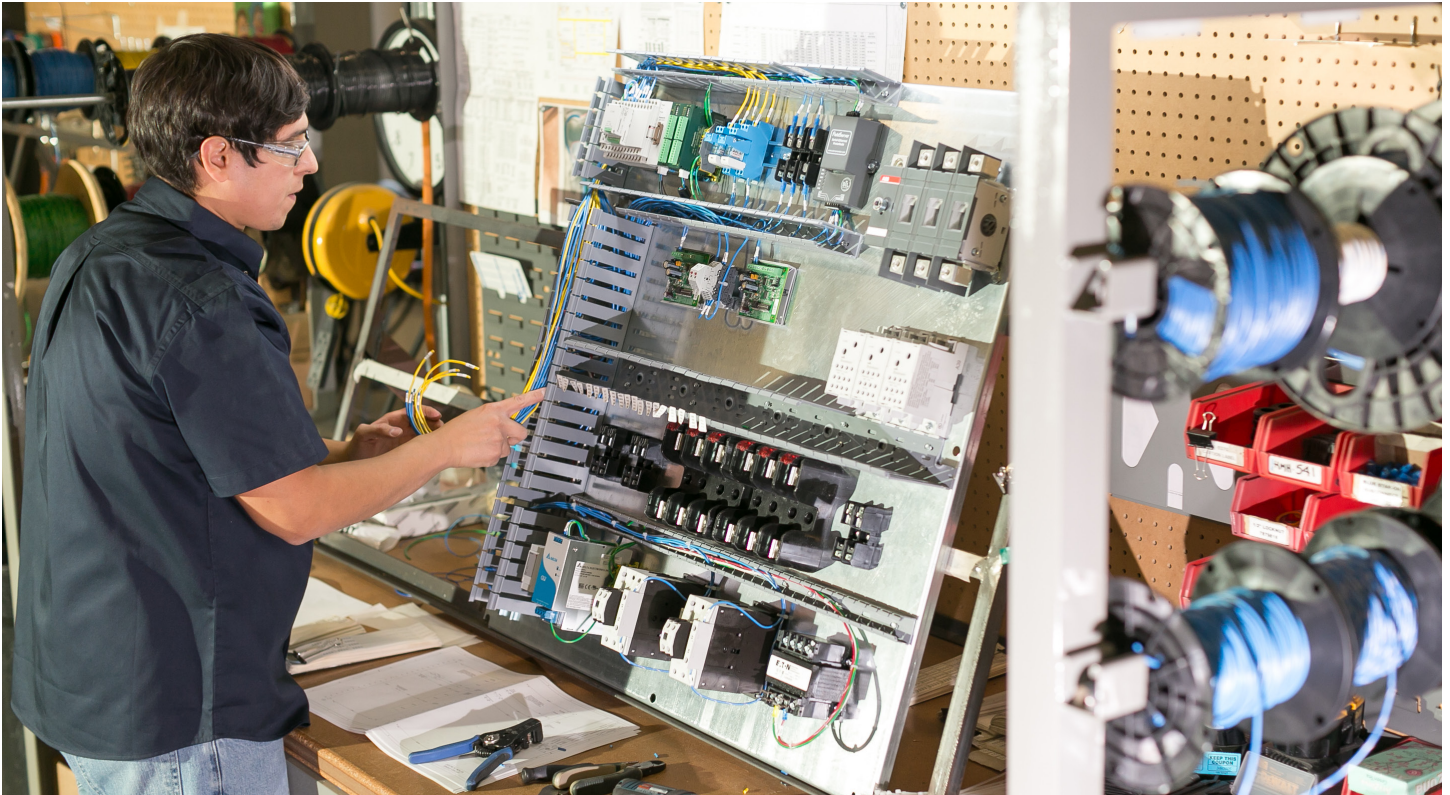
What CONNEX4.0 will do for you

Integrated connectivity and secure remote access for all of your equipment.



CONNEX4.0 provides secure remote access and control to all connected equipment so you can have confidence your process is running smoothly no matter where you are. Plus, alarms or warnings are in real time to help you respond quickly in scheduling maintenance for added peace of mind.

THERMAL CARE is the industry expert and value leader in process cooling solutions. Built on nearly 50 years of experience and backed by an unmatched sales and support network, **THERMAL CARE is the name that says it all.**



Our History

Starting in 1969, THERMAL CARE continues to be on the leading edge of process cooling technology with energy saving and cost efficient product designs. While providing heat transfer equipment to more than 50 industries, THERMAL CARE specializes in meeting the specific needs of all customers by offering both standard and custom designed industrial process cooling solutions.

Whether you need a portable chiller, a plant-wide system, or help troubleshooting a problem, THERMAL CARE is here to help you through every step of the process.

Customer Support

Our customer service reps are trained technicians that can promptly diagnose a problem over the phone. They have direct access to information about all of your equipment including bills of material, CAD drawings, and equipment service history through our computer database. If a plant visit is needed, THERMAL CARE has an extensive network of service companies that can usually provide same day service.

Our parts department has a large inventory of available parts enabling us to have 99.5% same day shipments.



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THERMAL CARE is ISO 9001 Certified
Manufacturer reserves the right to change specifications
or design without notice or obligation.