

# TEMPTEK®

**PRICE ... PERFORMANCE ...  
FOR THE LONG TERM!**

**PRODUCT PROFILE...**



**THERMAL  
PRODUCTS  
INC.**  
Engineered Solutions To  
Industrial Applications



**[www.TempTek.com](http://www.TempTek.com)**

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**SINCE 1989**

## TEMPERATURE CONTROLLERS - WATER UNITS

**VT Series** temperature controllers are used for process temperature control to 250°F. These units use an incoloy heater and centrifugal pump with standard NPT process fittings. Each unit has stainless steel cabinetry with a galvanized steel base mounted on casters. Two levels of microprocessor instruments are available: the LS Series offers To process temperature display and pulsed cooling valve; the LX Series offers To and From process temperature display with a modulating cooling valve. Both models come standard with process pressure gauges and a 10 foot power cord. Other features include:

- 30° - 250°F Temperature Range
- 20 - 180 GPM
- 3/4 - 5 HP process pumps
- 6 - 36 KW heaters
- 3/8" - 1" pulsed cooling valves (with LS Series instrument)
- 3/8" - 1" modulating cooling valve (with LX Series instrument)
- Stainless steel cabinetry
- Microprocessor digital control
- 2 Year parts & labor warranty



VT-275-LS

VT-275-LX

## TEMPERATURE CONTROLLERS - OIL UNITS

**VTO Series** temperature controllers are used for process temperature control to 400°F. These units use a low watt density heater and water-cooled centrifugal pump. Female NPT fittings make process installation easy. Each unit has galvanized steel cabinetry with lift off cover and hinged electrical cabinet, and a galvanized steel base mounted on casters. The microprocessor instrument displays process temperature and machine status. A 10 foot power card is factory installed. Other features include:

- 100° - 400°F temperature range
- 20 - 100 GPM
- 1 - 5 HP process pump
- 6 - 36 KW
- Optional cooling heat exchanger
- Low watt density heater - for fluid integrity
- Galvanized cabinetry
- Microprocessor digital control
- 2 year parts & labor warranty



VTO-2100

since 1989

Check our web site  
for the latest product information:  
[www.TempTek.com](http://www.TempTek.com)

TEMPTEK... SETTING INDUSTRY STANDARDS: AUXILIARY

## PORTABLE CHILLERS



**CF Series** portable chillers are used for process temperature control from 20°F to 65°F. Portable chillers are available from 1/4 to 40 tons. These units use a refrigerant zone with a compressor and evaporator, with reservoir and coolant pump. Water-cooled models (CF-W) use a plant water source for condensing, and air-cooled (CF-A) use fans or blowers to move ambient air across the condenser. Other features include:

### CF SERIES : 2-40 tons

- Galvanized steel frame and enclosure panels
- Microprocessor control with temperature display and machine status
- Standard NPT process fittings
- Centrifugal pumps
- Air or water-cooled condensers
- Scroll or recipicating compressors
- Brazed plate evaporators
- Non-ferrous insulated reservoir
- Refrigerant low pressure limit
- Refrigerant high pressure limit
- Freezestat limit
- Castors
- 1 year parts and labor warranty

### CF SERIES : 1/4-1.5 tons

- Galvanized steel frame
- Microprocessor control with temperature display
- Standard NPT process fittings
- Compact frame with small footprint
- Coaxial evaporator
- Hermetic compressor
- Fan style air-cooled condenser
- Brass vane pump
- Non-ferrous insulated reservoir
- Refrigerant low pressure limit
- Refrigerant high pressure limit
- Freezestat limit
- Castors
- 1 year parts and labor warranty

## CENTRAL CHILLERS

Central chillers provide economical plant wide cooling, great for expansions of existing system or new start ups. **MA** and **MW** modules are available in 5 to 180 tons. Other features include:

### MA SERIES (air-cooled)

- 5-40 ton capacity
- Serves 12-96 gpm systems
- Scroll compressors
- Fan style condenser on 5-10 ton models
- Blower style condenser on 15-30 ton models
- Remote condensers available for units from 10-100 tons
- Refrigerant low pressure limit
- Refrigerant high pressure limit
- Liquid line solenoid valve
- Liquid receiver
- Sight glass with moisture indicator
- Thermostatic expansion valve
- Brazed place evaporator
- Low flow limit
- Full insulation
- 1 year parts and labor warranty

### MW SERIES (water-cooled)

- 5-180 ton capacity
- 1, 2, or 3 circuit designs
- Single & multizone controllers
- Scroll compressors
- Water-cooled condenser
- Refrigerant low pressure safety
- Refrigerant high pressure safety
- Liquid line solenoid valve
- Liquid receiver
- Sight glass with moisture indicator
- Thermostatic expansion valve
- Brazed place evaporator
- Low flow limit
- Full insulation
- 1 year parts and labor warranty

\*Consult factory for information & pricing on larger capacity units



## COOLING TOWERS

**TEMPTEK** cooling towers provide cooling water to 85°F (depending on ambient air temperature and humidity). Cooling towers are a part of a central cooling system including pumps or pump tank stations and are installed outside, generally either elevated on a stand or mounted on a roof. Available capacities range from 7 to 540 tons in both fiberglass and galvanized steel construction. Other features include:

### TP SERIES

- Fiberglass construction
- Galvanized structural steel base
- 45 to 540 tons capacity
- Induced draft design
- Non-ferrous constructions on all wet surfaces
- Single and multicell models
- Gasketed, easy-to-remove inspection covers
- TEFC fan motor with ABS fan blades
- PVC wet deck and drift eliminator
- 10 year shell and 5 year mechanical warranty

### TM SERIES

- Galvanized steel construction
- 7 to 250 tons
- CTI Certified
- Drip proof motor in dry air stream
- Large, non clogging spray nozzles
- 5 year shell warranty



## PUMP TANK STATIONS

Available from 275 - 3200 gallon capacities with 1, 2, or 3 pump configurations. Tank systems can be customized to meet virtually any requirements. Mild steel, stainless steel or polyethylene, whatever your preference... each are built to last. Whether expanding, replacing, or just starting up... TempTek tank systems provide the most affordable & reliable systems available.

### PPT SERIES (polyethylene)

- Rotational molded polyethylene reservoir
- Hinged tank lid
- 450 to 3200 gallons capacity
- Reservoir level sight glass
- 2 - 40 HP pumps providing 40 to 1000 GPM
- Suction and discharge service valves
- Water make-up system
- 10 year tank failure warranty

- Epoxy coated mild steel construction
- 275 to 3000 gallon capacity
- Reservoir level sight glass
- 2 - 60 HP pumps providing 40 - 1000 GPM
- Suction and discharge service valves
- 1 year parts and labor warranty



### PT SERIES (mild steel)



Check our web site for the latest product information:

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ED, USER-FRIENDLY, SOLID & STRONG.

**TEMPTEK**

## DRYER

**TSD Series** dryers 10 to 100 lbs/hr use dehumidified air to cool the regenerated desiccant cartridges. This cooling cycle reclaims the residual heat of regeneration, and does not pre-load the desiccant with moist, ambient air like conventional dryers. No-tool access makes easy cleaning of regeneration and process filters, as well as the optional aftercooler and volatile trap. Change desiccant tanks or replace maintenance parts in minutes. Three installation options are offered: machine mounted; with a stationary floor stand; and mobile cart mounting for portability. TSD Series dryers offer the most advanced true closed loop drying technology with high dollar features and compact design at an even more affordable price! Rotating desiccant cartridges, microprocessor controller, and easy access cabinetry make the TSD unit the most user friendly, reliable unit of its kind.



TSD-30

## VACUUM LOADERS

**THL Series** loader's modular design is more flexible and efficient than traditional designs and the no-tool access and push-fit assembly provides fast clean-out for quick material changes.

Standard features include the 3/8 hp motor with control instrument, gravity discharge with integral reed demand switch, time fill operation, vertical feed tube and 10' of flexible hose.



THL

## GRANULATORS

**EM Series** granulators provide size reduction without the noise! The heavy duty cutting chamber is lined with sound deadening laminated steel to reduce noise levels. The tangential feed design provides maximum throughput and quality regrind combined with scissor cut action. Other features include:

- Robot / manual feed combination hopper
- D2 high carbon steel
- 3 blade rotor knives
- 2 bed knives
- Scissor cut action
- Vacuum take-off port in material bin
- Electrical safety interlock
- Easy to service & clean
- Pillow block bearings



1010EM

since 1989

AUXILIARY EQUIPMENT FOR ALL YOUR NEEDS

## **MISSION STATEMENT:**

TempTek has revolutionized today's market of low cost auxiliary equipment for industry. Our product philosophy is to provide you with economically affordable equipment, built for round the clock operations, providing years of trouble-free service... offering users maximum returns on their investments. Our standardized production techniques, industry recognized reliable components, and mechanically simple designs, enable us to pass the savings on to you.

## **SERVICE:**

Here's the number... 317-887-6352. Call it... Our service technicians are ready to help with the answers. If an on-sight technician is required, someone in our nationwide network of service organizations will be contacted to help you get back in operation quickly, efficiently, and economically. Call the number... ask your questions.

## **WARRANTIES**

All of our products are backed by a 1 year parts and labor warranty. Some products carry special warranties beyond our standard 1 year warranty. For example, we offer 10 year shell warranties on our fiberglass tower cells and polyethylene pump tanks. See individual product brochures for more information.



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