



# THERMALCARE

Superior equipment, Exceptional service

## Temperature Controllers

WATER OR OIL, POSITIVE OR NEGATIVE PRESSURE

Aquatherm **RQE**  
Oiltherm **RO**  
Vactherm **RV**



Where water means business.

## The THERMAL CARE Temperature Controller Family

THERMAL CARE offers a suite of powerful and efficient mold temperature controllers. Each unit is reliable, easy to operate, and built for dependable operation using an assortment of quality components.

### Aquatherm RQE

*Up to 48 kW and 10 HP*

#### Advanced Controls

Available in three options for standard to specialized applications for ease of operation

#### Extend Product Life

Seal Saver auto cool-down program sequence extends pump seal life

#### Leak Prevention

Leak-proof pump/heater casting eliminates pipe fittings and potential for leaks

#### Extreme Efficiency

High-flow pumps provide more flow for faster cooling and better cycle times

#### Extensive Options

Wide range of high-flow pumps, heaters, solenoid valves, and other options to meet every need

#### Easy to Use

Four swivel casters and front-facing supply and return pressure gauges make unit convenient to use



Aquatherm RQE



**Our sales and support teams are ready!**

**Give us a call  
847-966-2260**



Aquatherm RQE  
Dual Zone

#### Dual Zone Option

Controls different process temperatures on each mold half



Aquatherm RQE  
Stacking Rack

#### Stacking Rack Option

Holds two independent single zone temperature controllers in a compact space

### Oiltherm RO

6 to 36 kW



- Stainless steel heat exchanger for tool cooling and rapid cool-down during tool changes
- Convenient oil reservoir fill port
- 125°F to 575°F operating range to meet the needs of a wide range of applications
- Vacuum option and internal oil storage capacity allows for process oil to be pulled back to unit
- Stainless steel leak-proof pumps and heaters
- Rotary non-fused disconnect and alarm horn

### Vactherm RV

9 kW, 2 HP



- The perfect balance of positive pressure to the tool and an adjustable vacuum on the return line to stop leaks and maximize cooling
- Automatic function cools the unit down to 105°F and indicates when the unit is cool enough for a tool change or maintenance
- High-efficiency copper tube heat exchanger mounted in the water reservoir ensures outstanding reliability and low maintenance
- Stainless steel leak-proof pumps and heaters
- Rotary non-fused disconnect and alarm horn

## Easy-to-operate control options

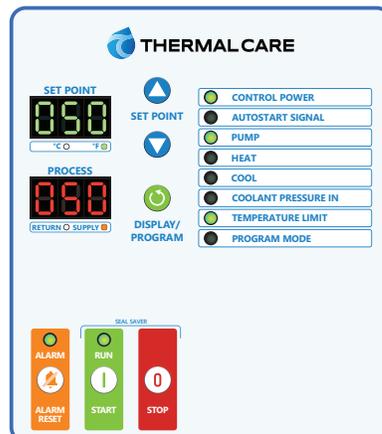
Choose from three Aquatherm RQE control panel options that are easy to access, view and operate.

Designed for applications that require simple operation at a great price, the **Basic** controller offers a display screen with easy to use primary function buttons and a clear LCD display.

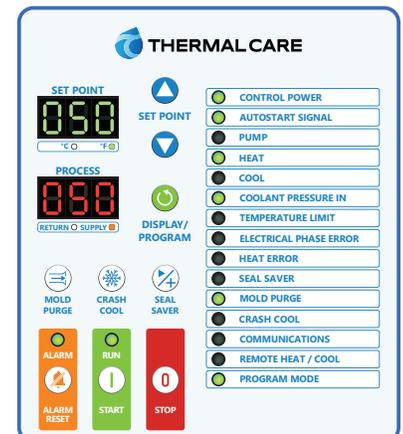
The **Standard** microprocessor controller provides a wide array of easily accessed operation and diagnostic information. Unit alarms are reset directly on the control panel. The **Premium** controller has an added level of system monitoring and control for more specialized applications.



RQE Basic Controller Layout



RQE Standard Controller



RQE Premium Controller

THERMAL CARE is the industry expert and value leader in process cooling solutions. Built on 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.

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