

Designed  
to Perform.  
**Built to Last.**

Water Systems



## Water Systems

Mokon's line of compact water systems provides accurate and reliable temperature control for process heating requirements up to 380°F (193°C). Standard systems are available up to 96 kW of heating capacity and up to 10 Hp with flow rates from 10 to 120 GPM. Single- or dual-zone, positive or negative pressure flow and heating/chilling designs are also available.

### Minitherm | Small Capacity

Compact and portable design fits into tight spaces and reduces floor space requirements. System is ideal for small tonnage molding machine and lab applications.

- Up to 250°F (121°C)
- Heating capacities: 2 or 4 kW
- Flow rates: 9 GPM up to 20 PSI
- Pump size 1/2 Hp



### Hydrotherm | Medium Capacity

Engineered to improve accuracy, reliability of operation and output. Designed with the highest-quality components in the industry, with stainless steel as the main component for wetted surfaces.

- Up to 250°F (121°C)
- Heating capacities up to 24 kW
- Flow rates from 15 to 60 GPM
- Pump sizes 1/2 to 3 Hp



### Duratherm Single Zone | Large Capacity

Water systems designed with nonferrous and stainless steel materials. System features an advanced heating canister and stainless steel diverter, which provide unmatched control efficiency and accuracy.

- Up to 250°F (121°C)
- Heating capacities up to 96 kW
- Flow rates from 25 to 120 GPM
- Pump sizes 3/4 to 10 Hp



### Duratherm Dual Zone | Space Saving

Provides two independent zones of control from one location in a sleek, vertical design, without increasing the amount of floor space required for operation.

- Up to 250°F (121°C)
- Heating capacities up to 24 kW per zone
- Flow rates from 25 to 120 GPM per zone
- Pump sizes 3/4 to 10 Hp per zone



## Duratherm NPS | Positive and Negative Pressure

Temperature control system reduces repair delays and allows production to continue through end of run.

- Up to 180°F (82°C)
- Heating capacities up to 24 kW
- Flow rates from 25 to 80 GPM
- Pump sizes 3/4 to 5 Hp



## Duratherm HTP | High Temperature

Designed for restrictive processes or those requiring higher fluid temperature or pressure. System adds a cast iron pump to the Duratherm design, resulting in high temperature and pressure capabilities.

- Up to 300°F (149°C)
- Pressures up to 70 PSI
- Heating capacities up to 96 kW
- Available in single- or dual-zone configurations



## Duratherm MAX | Extreme Temperature

Ideal for restrictive processes and high temperature water applications. System features a stainless steel heater vessel designed and tested to ASME code.

- Up to 380°F (193°C)
- Pressures up to 300 PSI
- Heating capacities up to 48 kW
- Pump sizes 1 1/2 to 5 1/2 Hp



## Full Range | Heating and Chilling

A Mokon water system combined with an Iceman chiller integrates the benefits of both products into one compact, self-supporting unit. Available in multiple sizes, configurations and a variety of cooling, heating and pumping capacities.

- -20°F to 380°F (-29°C to 193°C)
- Up to 40 Ton chilling capacities
- Heating capacities up to 96 kW
- Flow rates up to 120 GPM



**The right design,  
every time.**

We've made it our mission to surpass the needs of our customers across a variety of industries. That's why we offer the ability to custom engineer any of our designs to meet an application's specific requirements.

## **For over 60 years,**

Mokon has set the standard for high-quality circulating liquid temperature control systems. Our product line has grown significantly since it first introduced a water temperature control system to include heat transfer oil systems, portable and central chillers, pump tanks, cooling towers, blown film coolers, cold climate coolers, engineered and pre-engineered control panels, maintenance products and custom engineered systems.

Our team of engineering, sales and service professionals is dedicated to supplying the safest, high-quality products in the industry.

## **The trusted name in temperature control**

We provide accurate and reliable temperature control ranging from -20°F to 700°F (-29°C to 371°C).

## **Custom Engineered Solutions**

Mokon has continued to adapt to the evolving needs of our customers worldwide. Our strong commitment to quality and safety is shown in the design, capabilities and engineering expertise built into every product Mokon manufactures.

Our custom expertise includes NEMA rated panels, stainless steel cabinets and components, cleanroom and wash down designs, sanitary environments, packaged skid systems, electrical and control capabilities, modular designs and much more.

Mokon is an ISO 9001 and ISO 14001 certified company and our custom designs can meet ASME, CE, CSA, NEMA, NFPA and UL standards.

## Industries We Serve

Our water systems and custom solutions serve multiple applications across several industries, including:

- Aerospace and Composites
- Automotive
- Chemical Processing
- Die Casting
- Food and Beverage
- Packaging
- Pet Food
- Pharmaceutical
- Plastics Processing
- Power and Energy
- Printing
- Rubber Processing
- Semiconductor

## Customer Service You Can Count On

Backed by one of the most experienced customer service teams in the industry, Mokon offers full customer support so you can have access to our expertise before, during and after the sale.

Our service capabilities include:

- 24-hour customer support right over the phone
- Installation and start-up assistance
- Customer training capabilities
- Complete factory repair and refurbishment services
- For technical support, visit our Customer Center at [mokon.com/support/customer-center](http://mokon.com/support/customer-center)
- Find components and replacement parts at [shop.mokon.com](http://shop.mokon.com)

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