

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

Heat Transfer Oil Systems



# Heat Transfer Oil Systems

Mokon's circulating oil temperature control systems meet process heating requirements up to 700°F (371°C). Our durable, high-quality oil systems are available with heating capacities up to 600 kW and flow rates of 5 to 120 GPM. Single- and multiple-zone configurations, portable or stationary designs, positive or negative pressure flow, heating/cooling designs and custom engineered systems are also available.

## HTF 400 Series | Up to 400°F (204°C)

Designed specifically to offer a compact, safe and affordable means of accurate process temperature control. Ideal for process applications where space is limited and continuous temperature control is required.

- Heating capacities up to 24 kW
- Available in 5 or 10 GPM
- Available in heating only, cooling only or heating and cooling



## HTF 500 Series | Up to 500°F (260°C)

Sleek, vertical design features the latest control technology, unique cool oil reservoir philosophy and unmatched electrical/safety standards to ensure precise process fluid temperature control.

- Heating capacities up to 96 kW
- Pumping capacities of 10 or 20 GPM via a positive displacement pump
- Single- and multiple-zone configurations



## HTF 600 Series | Up to 600°F (315°C)

High-temperature fluid control with unique flow pattern design and low watt density elements (which allow for longer heater and fluid life) and smaller hold-up volume of fluid results in faster heat up and cooldown.

- Heating capacities up to 96 kW
- 20 GPM and up to 100 PSI via a positive displacement pump
- Includes an option to go up to 650°F (343°C)



## HTF HF-2 Series | Up to 600°F (315°C)

System designed for large flow and higher heating capacity applications. Unique heating design maximizes energy efficiency.

- Heating capacities up to 144 kW
- Up to 120 GPM and up to 56 PSI via a centrifugal pump
- Includes an option to go up to 650°F (343°C)



## HTF NPS Series | Positive and Negative Pressure

Temperature control system finishes production run without the nuisance of a leak or the costly interruption of a repair.

- Up to 400°F (204°C)
- Heating capacities up to 48 kW
- Pumping capacities of 10 or 20 GPM



## Full Range | Heating and Chilling

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

- 50°F to 650°F (10°C to 343°C)
- Heating capacities up to 48 kW
- Pumping capacities up to 20 GPM
- Rapid cooldown capabilities



## HTF ST Series | Stationary

These systems are designed and built to customer specifications. High performance, energy efficient design with welded construction.

- Up to 700°F (371°C)
- Heating capacities up to 600 kW
- Pumping capacities up to 120 GPM
- Single- and multiple-zone configurations



## Heat Transfer Fluids and Cleaners

Mokon's heat transfer fluids are extremely stable, last longer and help keep systems cleaner, meaning longer life for parts like pumps and rotary seals. These aggressive blends of additives are engineered to provide a high level of protection.

- Heat transfer fluids rated up to 630°F (332°C)
- Cleaner fluids rated up to 550°F (288°C)
- Food grade versions of fluids and cleaners are available



**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 65 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 oil 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/customercenter](http://mokon.com/customercenter)
- Find components and replacement parts at [shop.mokon.com](http://shop.mokon.com)

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Designed to Perform. Built to Last.

65+  
YEARS

