Mokon’s Duratherm HTP circulating water temperature control system maximizes performance with temperatures up to 300°F (149°C) and pressures up to 70 PSI. The Duratherm design features an advanced heating canister and stainless steel diverter, which create a forced flow path for higher heat transfer rates.

The Duratherm HTP has a similar construction to our standard Duratherm design utilizing nonferrous and stainless steel materials of construction, but with a cast iron pump fitted with a brass impeller. The number of piping connections has been reduced to ensure leak-free operation and the compact design makes it easy to move the Duratherm HTP wherever it’s needed most.

Multiple sizes and configurations of the Duratherm HTP are available, including single- and dual-zone control, pumping capacities up to 10 hp and heating capacities that range from 9 to 96 kW. There are a variety of cooling methods from which to choose, as well as an optional brass pump for a completely nonferrous system.

All Duratherm systems come standard with a UL (Underwriters Laboratories) labeled electrical subpanel and NFPA 79 (National Fire Protection Association) electrical standards. Systems include motor, heater and transformer fusing and wiring practices to ensure operator safety.
We Heat, Cool, Control and Never Wear Out!

Specifications

A Microprocessor-based controller in easily accessible panel
B Fluid high temperature safety shut-off switch
C Pressure relief valve
D Horizontal stainless steel heater canister with unique turbulent flow diverter
E Cast brass fluid connections securely mounted to cabinet
F Removable panel for easy access to heater (not shown)
G Solenoid cooling valve
H Cast iron pump for temperatures up to 300°F (149°C)
I Heavy-duty removable casters for fixed location or portability
J Powder-coated finish
K Low pressure safety shut-off switch (not shown)

System standard with NFPA 79 and UL 508A labeled electrical subpanel

Technical data shown is subject to change without notice. The company will endeavor to supply the equipment as illustrated but reserves the right to make dimensional and other design changes as required.

*To determine the full load amps when using other 3 phase, 60 hertz voltages, apply the following multipliers to the above 460 volt, 3 phase FLA: 208 volt, 3 phase – 2.3 multiplier, 230 volt, 3 phase – 2.00 multiplier, 575 volt, 3 phase – 0.805 multiplier. For single phase, other voltages or frequencies, consult factory.

DHTP 8/19 MOK7380

Designed to Perform. Built to Last.