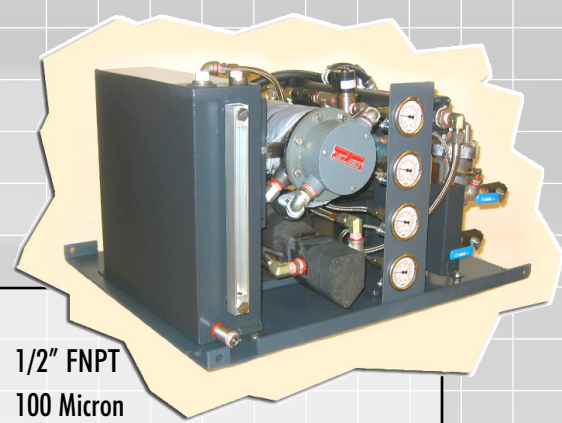


MOKON[®] SCREW TEMPERATURE REGULATION UNIT 9 KW, 6 GPM



TC35, TC50, TC55, TC65, TC80, TP93

Features:

- Unique serpentine heating chamber for highest rates of heat transfer efficiency.
- "By Pass" cooling philosophy eliminates thermal shock on the heat exchanger, minimizes mineral deposits, and provides a longer service life.
- High-pressure and low-pressure safety shut-off switches.
- Pressure relief valve to protect the filter, heat exchanger, and heaters from process blockage.
- Air purge valve eliminates air in the system and lengthens the heat transfer fluid life.
- Stainless steel braided hoses used wherever possible for ease of maintenance.

Specifications:

Heat Transfer Fluid: Calflo AF, Duratherm 600, Duratherm G, Ucon HTF 500, Paratherm, Multitherm PG-1, IG-2, Xceltherm 600

Tank Construction: Stainless Steel with Brass Sight Glass
1/2" Breathe / Fill Port
1/2" FNPT Drain Port

Tank Capacity: 4.6 Gallons

Heating Capacity: 9 KW

Heat Exchanger: 1.4 Sq. Ft. Shell and Tube Construction
Water Connections: 1/2" FNPT

Cooling Water: 50 Deg. F. Min.; 90 Deg. F. Max.
5 GPM Min.; 10 GPM Max.
30 PSI Min.; 100 PSI Max.
1/2" FNPT Connections

Pump: 3/4 HP Spur Gear, 10 GPM
Cast Iron Construction

Gage Package: Supply Pressure, Filter Inlet Pressure,
Left Screw Return Pressure,
Right Screw Return Pressure

Dimensions: 25" D x 29.5" W x 17" T

To/From Process

Connections: 1/2" FNPT
Filter: 100 Micron
Coil Voltage: 24 VDC Standard / 120 VAC Special
Electrical Supply: 230 VAC / 460 VAC
Paint: Durable Powder Coat Finish
Dark Gray, CM5106, RAL 7016

Notes:

- The existing temperature controls to be used to operate the new unit.
- Heat exchanger, supply and return connections, to be made by the customer.
- Installation is the responsibility of the customer.
- Installation assistance can be contracted through our Field Service Group.

In order for us to best serve you, please provide the following information:

- The serial number of the extruder that will be retrofitted so that proper engineering review can be made. _____
- Confirm the coil voltage. There is an up charge for 120 VAC coils. _____
- Note if this unit will be under the base or setting along side of the extruder. _____
- Estimate the number and length of the braided stainless-steel hoses needed. Hoses sold separately.
Number _____ Length _____

For over 30 years, Cincinnati Milacron has been the leader in cutting-edge extrusion process technology. Today, our seasoned Extrusion Aftermarket experts are dedicated to applying the same emerging technology to *your existing* extrusion equipment, as well.

We have the wide breadth of products; we have the expertise; now it's time to bring your existing extrusion equipment up to today's standards.

**EXTRUSION
AFTERMARKET**

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MILACRON**
Twin Screw Extrusion Systems

**AKRON
MILACRON**
Single Screw Extrusion Systems