

Vactherm

RVU Series



POSITIVE/NEGATIVE PRESSURE TEMPERATURE CONTROLLER

up to 27 kW

Vactherm RVU Series positive/negative temperature controllers eliminate downtime caused by a coolant leak in the mold or process water circuit. The unique design of the Vactherm allows the vacuum level to be adjusted to the exact amount necessary to stop the leakage, without drawing air into the water circuit. This provides better temperature control at lower flow rates than competitive designs. Plus units can run as nonferrous temperature controllers even when no leak is present.



Precise and effective thanks to cutting edge thermal elements



Easy to use thanks to the practical controller



Robust because of the use of best in class components

Positive/Negative Pressure Leak Stopper

Our innovative design provides the perfect balance of positive pressure to the mold and an adjustable vacuum on the return line to stop leaks and maximize cooling.

Stainless Steel Pump

Durable stainless steel pump with proven reliability and performance eliminates maintenance and wear associated with conventional pumps.

Leak Proof Pump

Submerged in a large reservoir and directly connected to the pump motor on top of reservoir our pump eliminates the potential for leaky mechanical pump seals.

Brazed Plate Heat Exchanger

Built-in heat exchanger isolates the cooling source water from the mold water during cooling cycles.

Cooling Water Inlet Strainer

The heat exchanger cooling water inlet strainer removes any debris present in the cooling water to prevent costly downtime and repair due to a clogged heat exchanger.

Automatic Cool Down Function

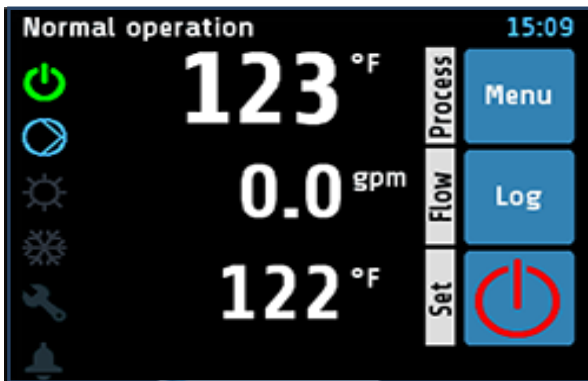
Cools the unit down to 105°F (41°C) and then sounds the alarm horn to indicate the unit is cool enough for a tool change or maintenance.

Solid State Relay (SSR) Heater Controls

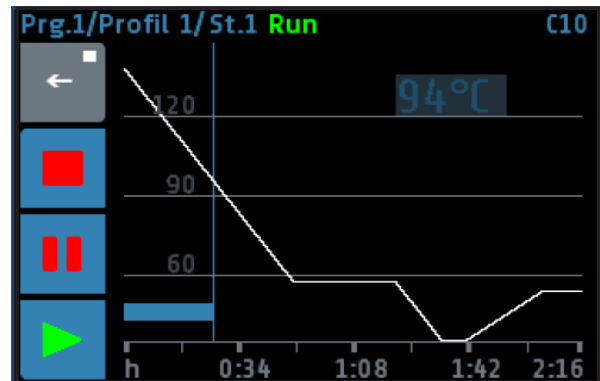
Handles rapid cycling and provides a longer heater contactor life under extreme and diverse operating conditions.

Warranty

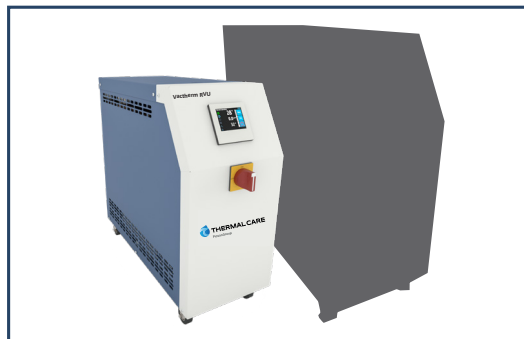
One year parts and labor.



Our 3.5" touchscreen user interface has a PLC controller to provide useful information on operation, monitoring, and diagnostic data.



Ramp/soak programming allows for up to eight "recipes" with up to 8 steps each for heating and cooling scheduling.



Vactherm RVU is available in two models.

