

Oiltherm RO Temperature Controller



Stainless Steel Heat Exchanger

High-efficiency stainless steel tube heat exchanger mounted in the hot oil reservoir is standard on all units and ensures outstanding reliability and low-maintenance.

Stainless Steel Heaters

Stainless steel heater elements mounted in the hot oil reservoir provide the utmost in corrosion protection to ensure a long useful life under severe industrial conditions.

Stainless Steel Hot and Cold Oil Reservoirs

Stainless steel hot reservoir with low-level safety and a stainless steel cold oil expansion reservoir for added temperature stability and tool drain holding volume.

Fully Insulated Reservoir and Piping

The insulated reservoir and fluid lines protect users and saves operating costs by eliminating wasted heater power rating from uninsulated piping.

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 mold and oil in the unit down to 122°F and automatically stops the pump to make a tool change or maintenance quick and easy.

Negative Pressure Mold Drain Option

This option allows positive pressure oil from the pump to go through a unique venturi on the oil return line to drain oil from the mold back into the reservoir.

Warranty

1 year parts

Standard Features

Stainless Steel Direct-Drive Pump

Direct drive stainless steel pump with proven reliability and performance eliminates maintenance and wear associated with conventional belt-drive pumps.

Leak-Proof Pump

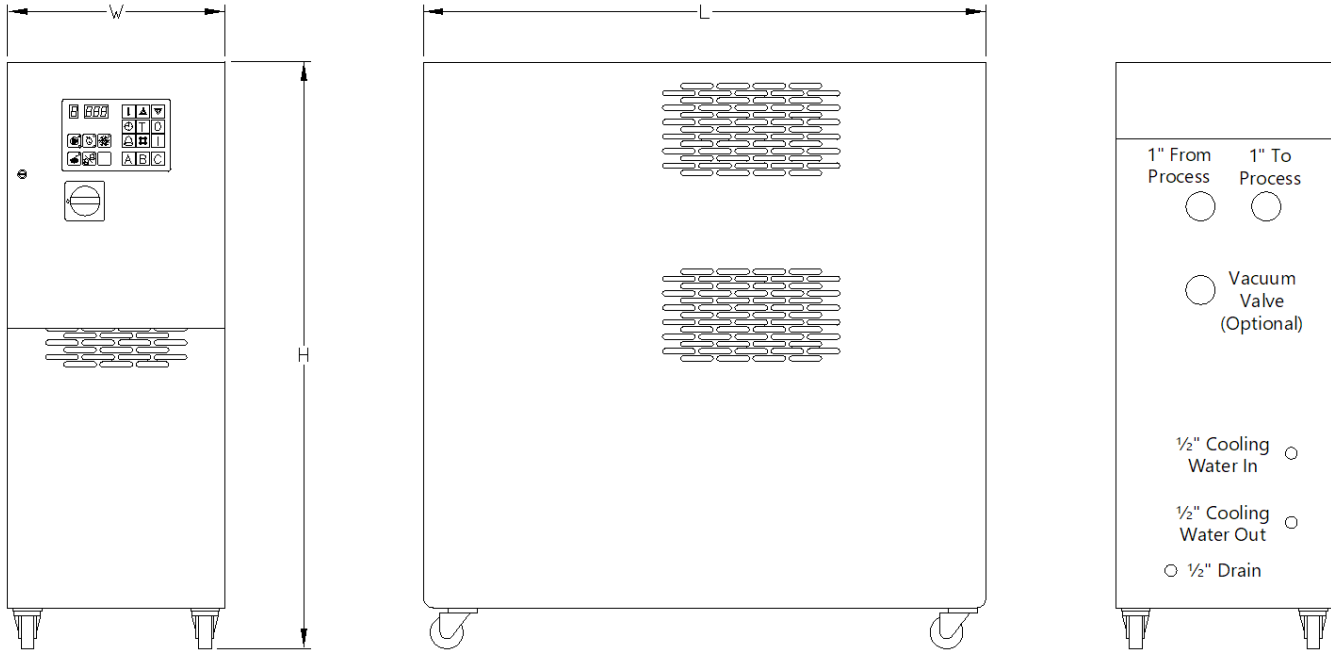
Submerged in a large reservoir and directly connected to the pump motor on top of reservoir our pump eliminates the potential for leaky mechanical pump seals.

Model	Heater (kW)	Pump (hp)	Pump Flow (gpm)	Pump Pressure (psi)	Reservoir Size (gal)	FLA Amps 460/3/60	Dimensions L x W x H (in)	Ship Weight (lbs)
RO0615	6	1½	10	44	4.75	10	34 x 13 x 32	230
RO0615V	6	1½	10	40	4.75	10	34 x 13 x 32	230
RO1220	12	2	13	46	7.1	17	34 x 13 x 35	285
RO1220V	12	2	13	40	7.1	17	34 x 13 x 35	285
RO1820	18	2	13	46	12.9	24	34 x 20 x 39	295
RO1820V	18	2	13	40	12.9	24	34 x 20 x 39	295
RO2420	24	2	13	46	12.9	30	34 x 20 x 39	305
RO2420V	24	2	13	40	12.9	30	34 x 20 x 39	305
RO3620	36	2	13	46	17.2	45	34 x 20 x 39	325
RO3620V	36	2	13	40	17.2	45	34 x 20 x 39	325

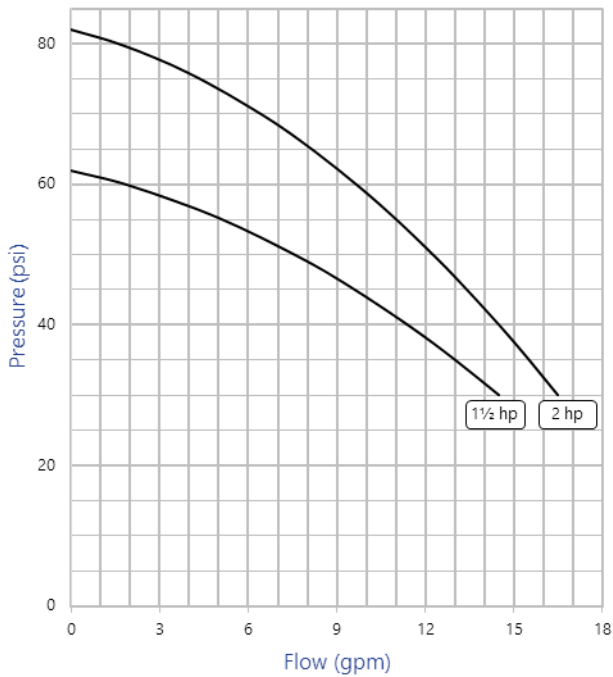
Standard set point range is 125°F to 575°F.

Unit models ending in a "V" are units equipped with the negative pressure mold drain option.

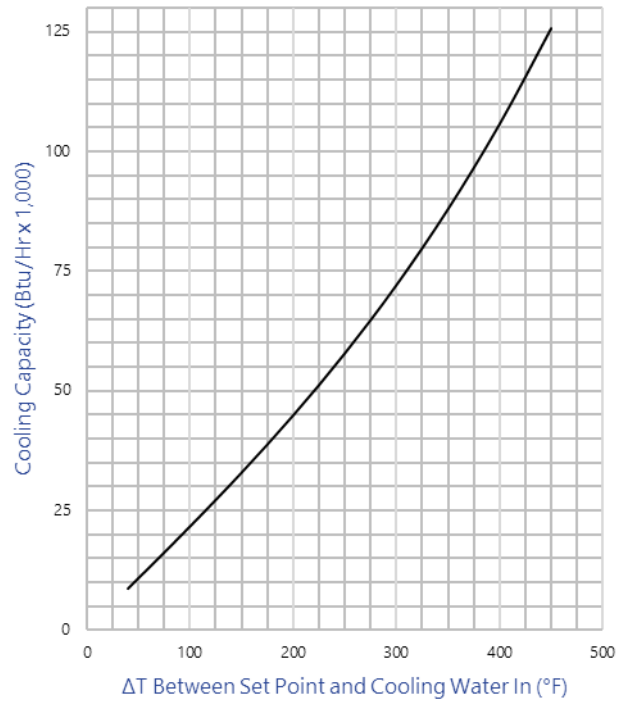
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Pump Performances
Based on Oil, 60 Hz



Cooling Capacity



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Thermal Care is ISO-9001 Certified
Manufacturer reserve the right to change specification
or design without notification or obligation
RO Specification 01