

HEAT SIPHON®

Swimming Pool Heat Pumps

Analog Timerstat Pro

INSTRUCTION SHEET

ANALOG Timerstat Pro HEAT SIPHON® & 3rd Party Controllers

External Control of Timerstat Pro

How to Hookup to 3rd Party Controllers

Models Covered: All ANALOG TIMERSTAT PRO Heat Siphons

“We Perform to Keep You Warm!!”

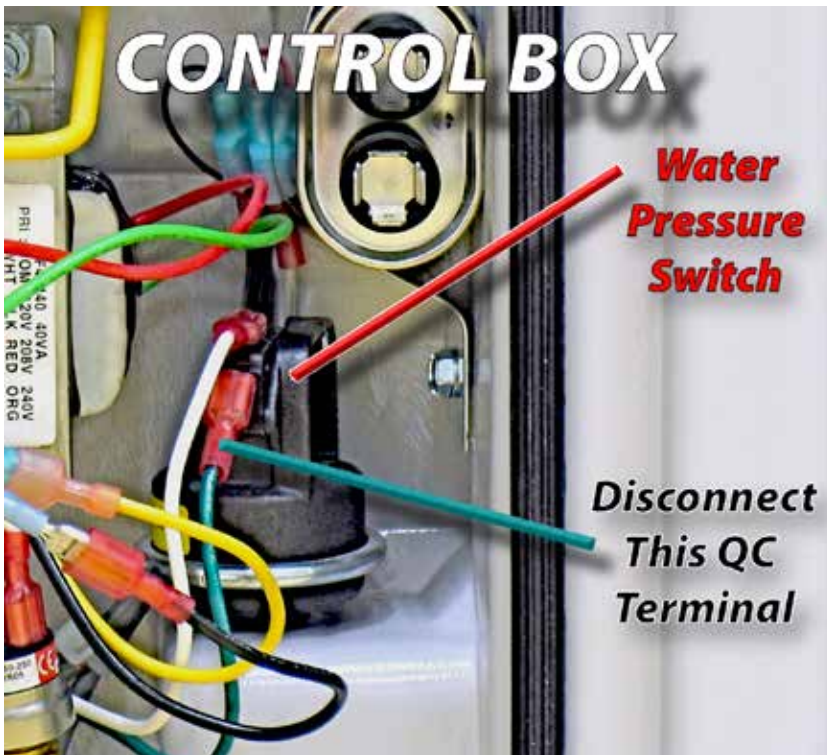
How to Hookup your ANALOG Timerstat Pro HEAT SIPHON® to a 3rd Party Pool Controller with DRY CONTACTS

If your 3rd Party Pool Controller has a set of DRY CONTACTS for the HEATER, you can hookup your ANALOG TIMERSTAT PRO EQUIPPED HEAT SIPHON so it will run normally when the DRY CONTACTS are closed and go into STANDBY MODE when the DRY CONTACTS are OPEN. All safety controls will continue to function normally in EITHER mode whether the dry contacts are open or closed. Even in standby mode your Timerstat LED light will report refrigeration system problems.

Dry-Contacts are Isolated normally open SPST (single pole single throw) switch contacts energized externally as part of, or by a signal from, a third party pool controller device.

VERIFY USING A Digital Volt Meter that the wires going to the Heat Siphon from the Dry Contacts READ ZERO VOLTS (both AC and DC) at all times whether open or closed.

You must turn the Heat Siphon thermostat dial to the MAXIMUM set point you would like your Heat Siphon to reach while being controlled by the DRY CONTACTS.



The hookup is simple.

Remove the green wire on the water pressure switch by disconnecting the female 1/4" Quick Connect terminal.

Connect two wires from the DRY CONTACTS of your pool controller to the open 1/4" QC terminals you just disconnected from the water pressure switch.

THIS SHOULD ONLY BE PERFORMED BY A QUALIFIED ELECTRICIAN.

Instructions

TOOLS: *Small Flat Blade Screw Driver & Phillips Head Screw Driver*

CAUTION: *DO NOT USE A CORDLESS DRILL Or Screw Gun To Tighten The Door Screws. You May Strip The Threads And Ruin The Door Seal. MANUALLY TIGHTEN Using A Screw Driver.*

- 1** TURN POWER (circuit breaker) OFF. Then remove the control box door. You will be looking for the water pressure switch.
- 2** Feed the 2 pool controller dry contact wires from the back of the backpanel thru the split loom in the lower left inside the control box.
- 3** Crimp on one standard 1/4" FEMALE QC Terminal on one wire and a 1/4" MALE QC terminal on the other
- 4** Hook up the FEMALE QC to the water pressure switch tab and the MALE QC to the green wire you unplugged from the switch.
- 5** Replace door.