
SENSALINK CONTROLLER

Instruction Manual



SENSAHEAT

DESCRIPTION

The H5RO-I controller is designed to operate a filter pump when filtration is called for by either the Chlorinator or Heater.

This controller is designed to be utilised in a system that includes a filtration timer, and where the heater has a Priority to Heat Function (Heat Demand).

INSTALLATION INSTRUCTIONS

⚠ THIS APPLIANCE IS NOT INTENDED FOR USE BY YOUNG CHILDREN OR INFIRM PERSONS WITHOUT SUPERVISION. PLEASE ENSURE THAT YOUNG CHILDREN ARE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.

Fix the mounting bracket to a solid structure via screws and wall plugs kit provided, and slide the controller on, locking into place. Adjusting screws on the back of unit to ensure snug fit
To remove unit, lift and gently pull away from structure.

CONTROLLER MOUNTING

Find a suitable location to mount the control box. Ideally, as with all pool equipment, it should be installed out of direct weather and no closer than 3 metres from the water's edge and a minimum 600mm above ground. Fix the mounting bracket to a solid structure and slide the controller on, keeping in mind that the power cable is 1.8m long and should be plugged directly into a general power outlet, not into an extension lead.

PUMP CONNECTIONS

The pool circulating pump plugs into the 240V socket beneath the unit.

SANITISER CONNECTION

The sanitiser (Ioniser, Chlorinator, etc.) connects directly into a general power outlet, not into an extension lead. Plug the Black 2 pin power lead from H5R0-I into the sanitiser pump outlet. Set the sanitiser to operate for the required filtration and dosing requirements.

HEATER:

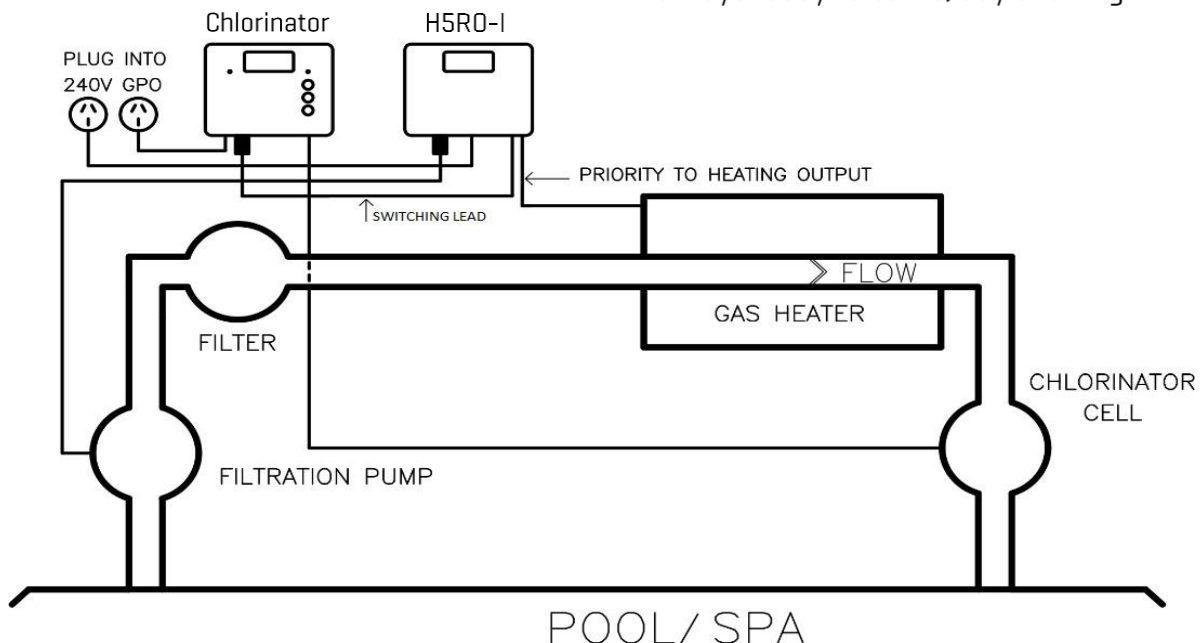
Connect the heater cable from the controller output to the heater's connection point. Check with heater manufacturer for correct interlocking procedure.

[See picture for typical connection set-up].

Note damage caused by incorrect connections will void warranties.

HEAT DEMAND

As most pools are filtered for 8 hours a day extra run times are often required to maintain the water at the desired temperature. The heat pump/gas heater is equipped with a "Demand Heat" function that will assist in maintaining the temperature of the pool by communicating to the H5R0-I. The controller will over-ride the filter pump when heater is called for by the heat pump which monitors the temperature within its defined run times. By this mean, the user is sure the water is always ready to bathe, day or at night.



OPERATING INSTRUCTIONS

LCD SCREEN

The LCD screen displays the current function and input status.

LCD INDICATORS

The controller will display - Heat On or Heat Off, Pump On or Pump Off, and CNTRL ON.

NOTES:

1. Should power be interrupted for any reason, the controller will resume normal operation when power is restored.
2. Maximum combined rated output load for the 240V socket[s] is 9.98 Amps / 2395 Watts.
3. Degree of protection against moisture: IP33.

TROUBLESHOOTING

NO POWER TO THE DISPLAY:

Power point is faulty. Test power point with a known working appliance. If the power point is operational, check the controller in another power point and if there is still no display then send the controller for repair.

PUMP FAULTS

PUMP WILL NOT START:

The pump will only ever run for the purpose of automatic heating if the pool is below the temperature limit set in the heater or for filtration purposes with the filtration times set in the sanitiser.

If the pump does not operate then plug the pump into a power point and test operation, if the pump is OK then the controller requires repair.

PUMP WILL NOT STOP:

Turn off power to the controller and ensure the pump stops. If the pump continues to operate then unplug it from the power point and connect it to the 240VAC socket marked PUMP at the bottom of the controller.

POOL NOT HEATING:

Check and ensure that the Heater Interlock cable is connected to the plug properly and that the plug is pushed in.

Check and make sure that the heater has power connected.

Check and ensure that the Heater Interlock cable is connected to the appropriate position inside the heater, according to the heater manufacturer's instructions.

WARRANTY

This range of product is covered by a limited 2 year warranty against component failure or faulty workmanship from the date of installation.

Faulty units should be returned in the first instance to the dealer from which the unit was purchased.

Damage to the unit due to misuse, power surges, and corrosion from pool chemical fumes, lightning strikes or installation that is not in accordance with the manufacturer's instruction may void the warranty.

Warranty does not include on-site labour or travel costs to or from installation site.

If the power cord is damaged, do not use the controller; return the unit to the supplier for repair.

Customer Record

Dealer/Installer Name _____

Serial Number _____

Date Installed _____

SENSAHEAT

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