
H3BR CONTROLLER

Instruction Manual



DESCRIPTION

The H3BR controller will operate a pump and heater from a chlorinator time-clock. A heater cool-down is performed when the chlorinator output switches off.

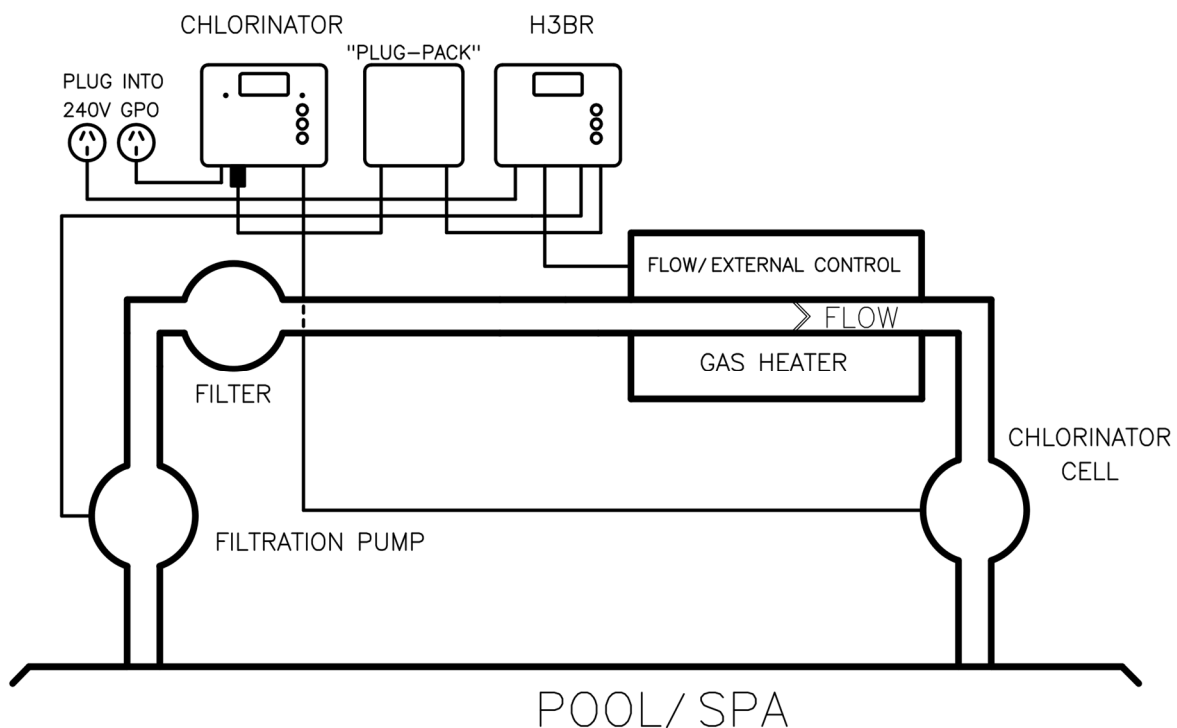
INSTALLATION INSTRUCTIONS

OPERATION

The H3BR Controller operates a 240V AC pump rated to 10 Amps 2400 watts and is connected to a Chlorinator output. When the chlorinator output switches on, the H3BR switches on the pump and heater. When the chlorinator switches its output off, the H3BR stops heating but continues to run the pump for 5 minutes to cool down the heater. The H3BR is fitted with an LCD screen which displays whether the pump or heater is on or off and displays 'cooldown' when the pump is running with the heater switched off.

CONTROLLER

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 meters from the water's edge. Lift up the two mounting tabs and use two appropriate screws to mount the control box to the wall, keeping in mind that the power cable is 1.8m long and should be plugged directly into a general power outlet, and not into an extension lead.



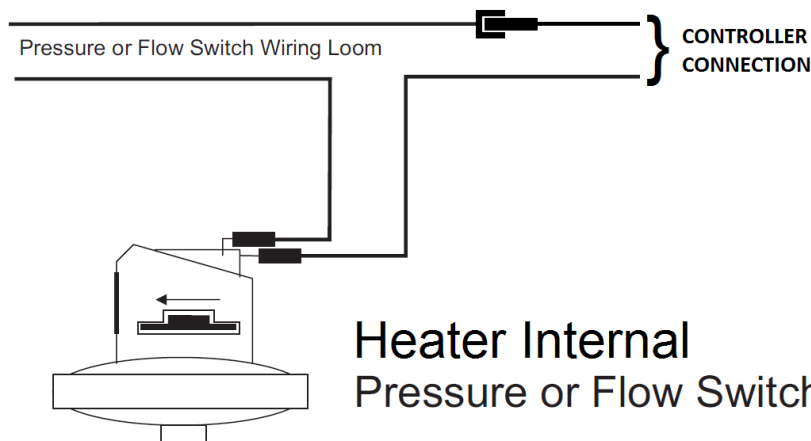
H3BR (AQUASWITCH) CONTROLLER

Connect the heater cable from the H3BR controller marked HEATER to the heater. Check with the heater manufacturer for the correct interlocking procedure. The filtration pump plugs into the 240V outlet beneath the H3BR controller marked PUMP. See previous picture for a typical connection set-up.

PLUG-PACK

The supplied Plug Pack connects to the right hand mini input socket of the H3BR marked CONTROL, and the 240V plug connects to the pump output of the chlorinator. [The Plug Pack output should be 3 to 5.5V and is polarity sensitive].

Note damage caused by incorrect connections may void warranties.



Internal connection to pool heater [check with heater manufacturer].

COOL-DOWN NOTE

Once the Cool-down cycle is activated, it will restart in the event of a power failure. The H3BR will log and display the occurrences of incomplete cool-down cycles. A counter is shown while RESET is displayed at power-on.

SETTINGS MENU:

To select the SETTINGS MENU press the SELECT button and the following will be displayed;

1)RUN-ON

Press the UP or DOWN buttons to scroll to the item you wish to change. Press the SELECT button to select the sub-menu of the currently displayed menu item.

Available Settings Menu items are shown below:

1)RUN-ON

2)DELAY

3)EXIT

The settable items in menus will be flashing, to change these values use the UP or DOWN button to adjust the value, if the value is correct press SELECT to move to the next value, once all settings have been set you will return to the settings menu, press the UP or DOWN button to scroll to EXIT and press SELECT to save your adjustments.

1)RUN-ON

Run-On time [heater cool-down]: When the heater switches off, the pump is locked to run for a time period without heating This is to cool down the heater and prevent damage to the heater (and pipes) from heat soak.

Set run-on time [R XX MIN] is adjustable from 1 to 30 minutes.

2)DELAY

Heater delay time: When the system is set to heat, the pump is started but the heater start is delayed. Delay time [P XX MIN] is adjustable from 0 to 30 minutes, with 0 being OFF [no delay].

3)EXIT

When this menu is selected, press SELECT to save ALL settings. The unit will then return to automatic operation.

Note: If any of the menu items are left unattended for 3 minutes, the menu will time-out, automatically save all settings, and return to automatic operation.

WARRANTY – H3BR CONTROLLER

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

A faulty unit 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, lightning strikes or installation that is not in accordance with the manufacturer's instruction may void the warranty.

Warranty does not cover 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 [To be retained by the customer]

DEALER/INSTALLER NAME

SERIAL NUMBER

DATE INSTALLED

For service assistance phone 1300 130 693



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