



HYDRO SPLASH - ELECTRICAL INSTALLATION

OVERVIEW

ANY ELECTRICAL WIRING WORK MUST BE PERFORMED BY A LICENSED ELECTRICIAN.

This document will help you wire and install the Swim Spa. Please read this and install as recommended otherwise it will not operate correctly.

The Hydro Splash uses the SpaNet SV Mini 1 system (labelled SV-SMART)

By default, **only 15A is required to run the Hydro Splash and it is pre-wired with a 15A cable & plug**, however (if requested) you can alter the settings and hardwire a 25A feed to avoid load shed of the heater when the pump is turned to high speed (see setups below).

AVAILABLE SETUPS

AMPS PROVIDED	Notes
15A (Default)	Pump runs at low speed only while heater is engaged. Switching to high speed sheds the heater.
25A* (Requires Settings)	Heater and Pump can both run at full capacity, simultaneously.

For 15A - No settings or dipswitches need to be adjusted for 15A. A 15A cable is pre-wired so it just requires a 15A socket to plug into and the Swim Spa is ready to be powered (after being filled with water).

*For 25A - Disconnect the pre-existing 15A cable and hardwire a 25amp feed, make sure the Swim Spa is filled with water and turn on the power. Special load shed settings must be set via the topside control panel - See 'Touch Panel Input Settings' on page 3 to complete setup.

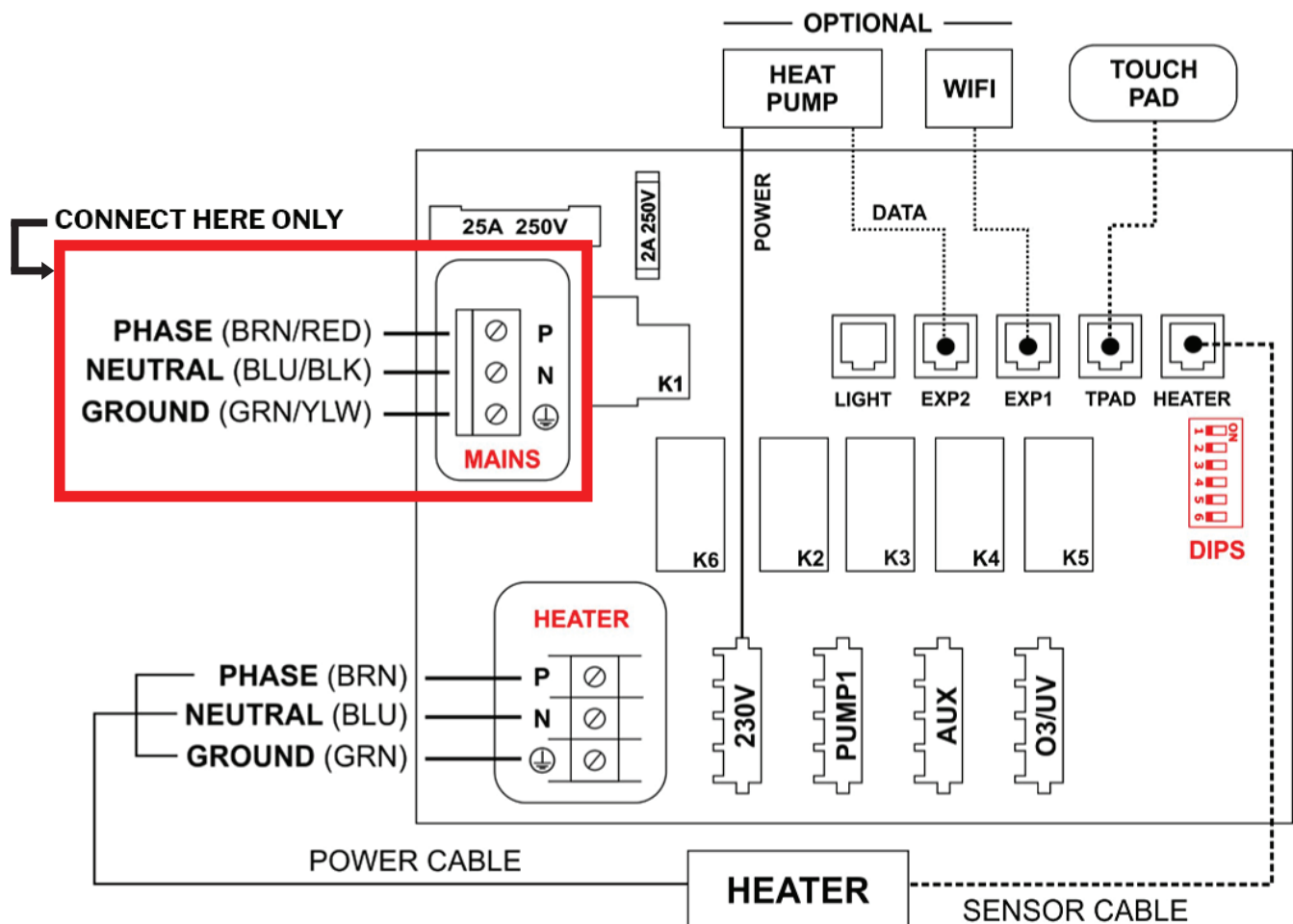
CONTROLLER LOCATION

The below diagrams shows exactly where the SpaNet system controller is located within the swim spa (marked X). A pre-connected 15A cable with plug can be found coiled inside.



CONTROLLER DIAGRAM

A 15A cable and plug is already wired to the controller. If you are hardwiring a 25A feed, replace the cable with your own feed as per the diagram below. Do not alter the dip switch settings.



CHANGING TO 25A - TOUCH PANEL INPUT SETTINGS

Before Powering On



Ensure that the Swim Spa is filled with water before turning on the power. If the Swim Spa still requires filling, you will need to power on and apply settings with pump disconnected.

Swim Spa is Filled - Touch Panel & Startup

Once the Swim Spa is filled, locate the touch panel (seen below) and turn power on. If nothing shows on the display, just power off and back on again (data relay error). At first the system will go through a purge cycle which is automatic. This gives the pump a chance to expel any air left in the pipes.



Swim Spa is Empty

Powering on without water in the Swim Spa can damage the pump. To get around this, disconnect the circulation pump (pump 1) from the controller, then power on. The system will attempt to prime and will fail (because no pump detected). Once an error shows on touch panel screen, demo mode must be accessed by pressing 'PUMP A'  + 'LIGHT BUTTON'  quickly in succession (not together at once).

Note: See above panel image to locate 'Pump A'. Once in demo mode, settings below can be then be applied to the controller and will be saved for when Swim Spa is filled and powered.

Applying Load Shed 'L.SHD' Setting for 25A

To setup 25A, Load Shed must be set to the value of '2' - follow below instructions.

