



# Information for Spa Owner and Electrician-Gecko Controller

1. Locate the ID plate shown as below and find the two figures marked as "Load Shed" and "Full Load". Unless fitted with a Plug in lead, all spas are set up in the factory as fully loaded.

		Contact Email: service@spaindustries.com.au Post: P.O. Box 25, Hallam, 3803, VIC, Australia Approval No: ESV120693      IP Rating: IPX5											
<b>Model:</b> Cyclone Monsoon 2019-SM		<b>Serial No:</b> J000000											
<b>Weight:</b> 315 Dry (kg)		Options:		Litres: 1400									
1715 Full (kg)		Boost Pump: 4HP1Sx2		Circ Pump: x1									
<b>Power Supply:</b> <table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>1Ø</td> <td>3Ø</td> </tr> <tr> <td>240</td> <td>415</td> </tr> <tr> <td>24</td> <td></td> </tr> <tr> <td>36</td> <td></td> </tr> </table>		1Ø	3Ø	240	415	24		36		V (ac ± 5%) 50 Hz		Controller: YE5	
1Ø	3Ø												
240	415												
24													
36													
A (Load Shed)		Heater: 3 kW		A (Full Load)									

**Full Load:** power requirement for all equipment (including heater, pumps, blowers) running at the same time.

**Load Shed:** a lower power requirement to allow all equipment except heater to run at the same time. You will have heater running while pumps and blowers are not working. While heater running, if you try to turn on all equipment, the heater will be turned off.

Allows you to run your spa on a reduced maximum demand power supply. When load shed is selected, when you turn on a piece of equipment e.g. pump or blower, it will turn the heater off and will not allow this to turn on while the pumps and blower are running. Once the pumps and blower turn off, the heater is then able to turn back on

2. Based on your Spa equipment setup, determine which load configuration you will go with and find the reference table as shown as below.

Item No.	Equipment	Control System	Low Level Config	Full Load Current in System	Load Shed Current in System
1	Circ Pump + Boost Pump x4 + 3kw Heater (Trainer)	YE5	60	N/A	41
2	Circ Pump + Boost Pump x4 + Blower + 6kw Heater	YE5	31	N/A	38
3	Circ Pump + Boost Pump x4 + 3kw Heater	YE5	22	47	35
4	Circ Pump + Boost Pump x3 + 3kw Heater (Trainer)	YE5	61	N/A	31
5	Circ Pump + Boost Pumpx2 + Blower + 3kW Heater	YE5	4	32	20
6	Circ Pump + Boost Pump + Blower + 3kW Heater	YE3	7	25	13
7	Circ Pump + Boost Pumpx2 + 3kW Heater	YE3	6	29	17
8	Circ Pump + Boost Pump + 2kW Heater	YJ2	23	18	10*
9	Circ Pump + Boost Pump + 3kW Heater	YJ2	33	21	13
10	Boost Pump(Two Speed)x1 + 2kW Heater	YJ2	20	17	12*
11	Boost Pump(Two Speed)x1 + 3kW Heater	YJ2	30	20	15

\*: Required to setup in System. However, the maximum power draw will be 10A

**\*Please note that all current values above listed are only used for FULL LOAD and LOAD SHED setup. Please refer to Spa Certificate and ID Tag for the actual current draw for s spa.**

Please refer to below for how to change the Electrical Configuration with your touch pads.

## 1. K1000 Touch pad



### Electrical configuration

**Please do not make changes in the electrical configuration section unless you are a qualified electrician.**

You can change the low-level configuration, as well as modify the number of phases and the input current value\*. Once the modification done, hold the Apply button for five seconds

\* Depending on the pack configuration, a code may be required to modify the low-level number. This code is 5555.

## 2. K500 Touch Pad



**Please do not make changes in the electrical configuration section unless you are a qualified electrician.**

You can change the low-level configuration, number of phases, and input current value\*. Use Up/Down to move between parameters, and the Light key to select a parameter to change. Once you have reached Number of Phases in the menu, you cannot use the arrow keys to go back up to Low-level Configuration. Please go back and re-enter the Config menu.

\*Depending on pack configuration, a code may be required to change the low level number, number of phases or input current. This code is "5555".