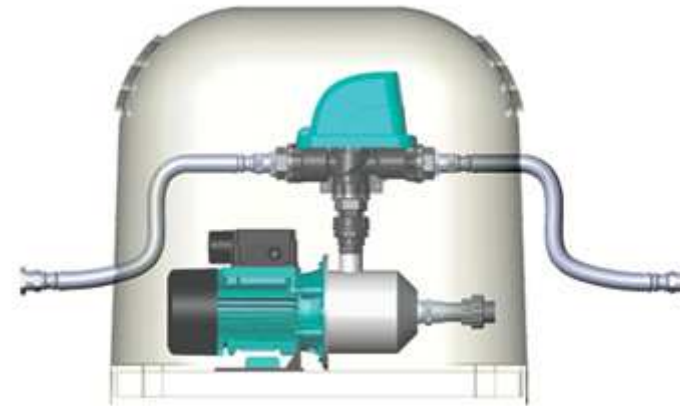




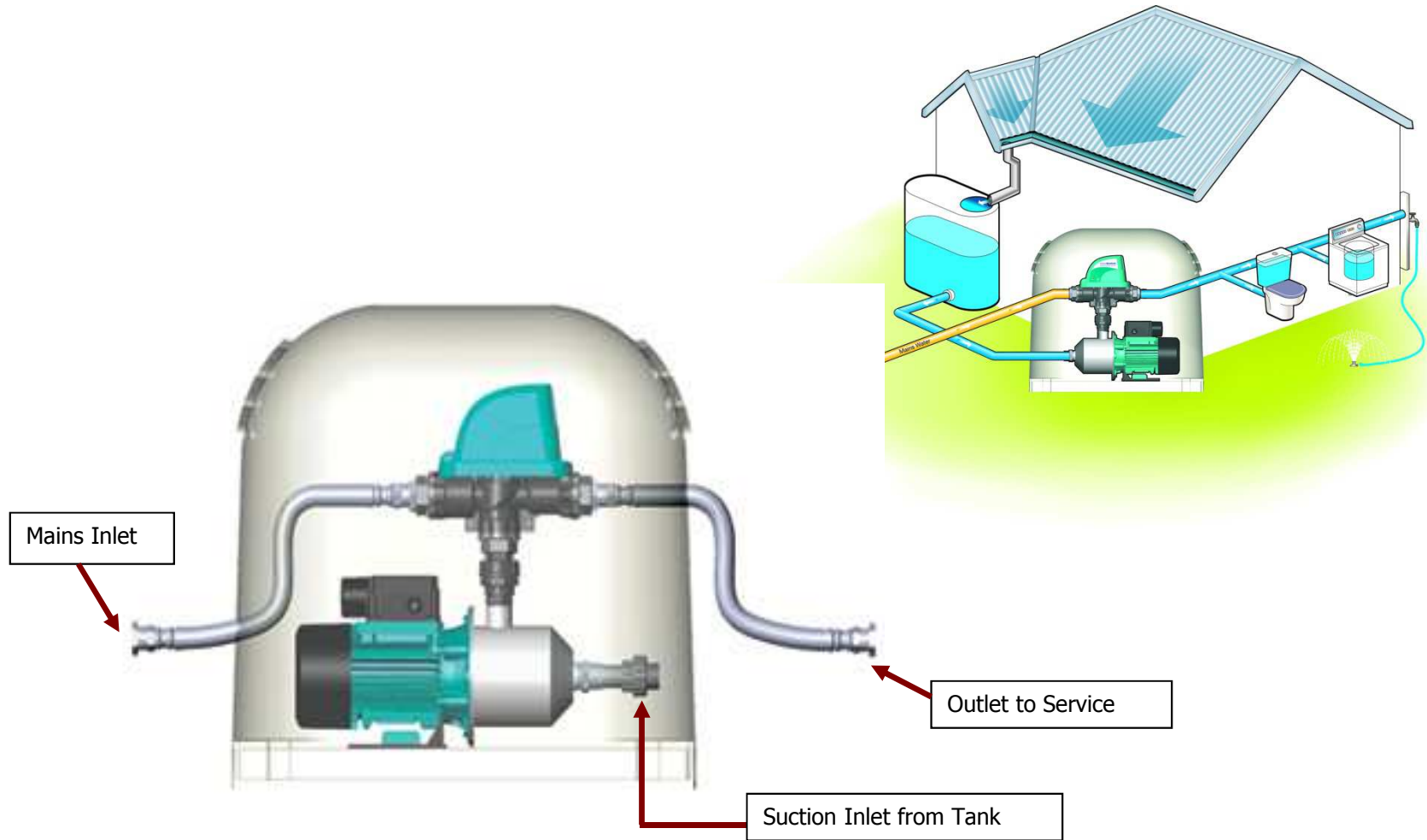
WaterSwitch Automatic Rainwater Controller



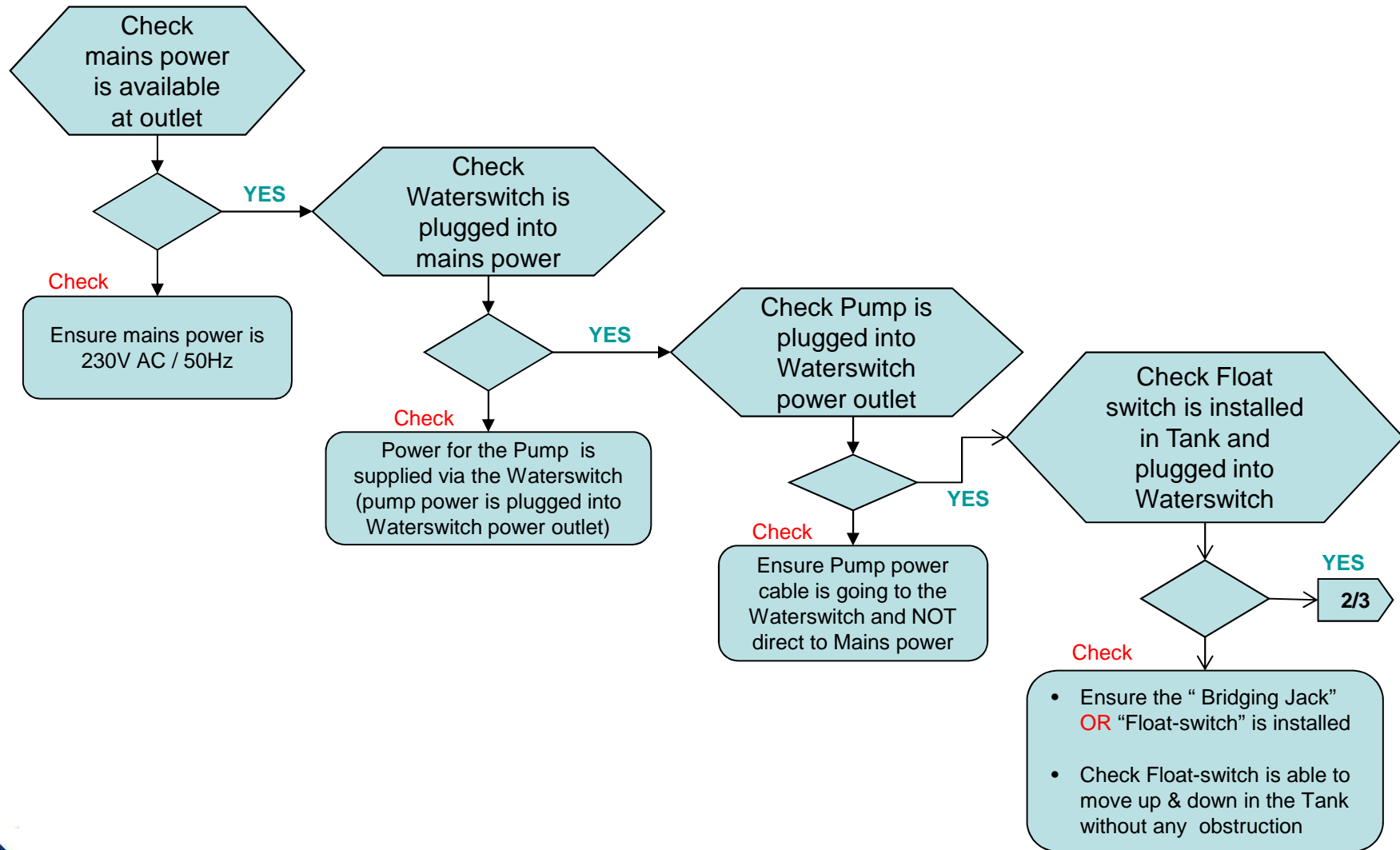
Waterswitch Troubleshooting

Subject to changes due to improvements and / or modifications in design.
For Tech Support call - 1300 137 344

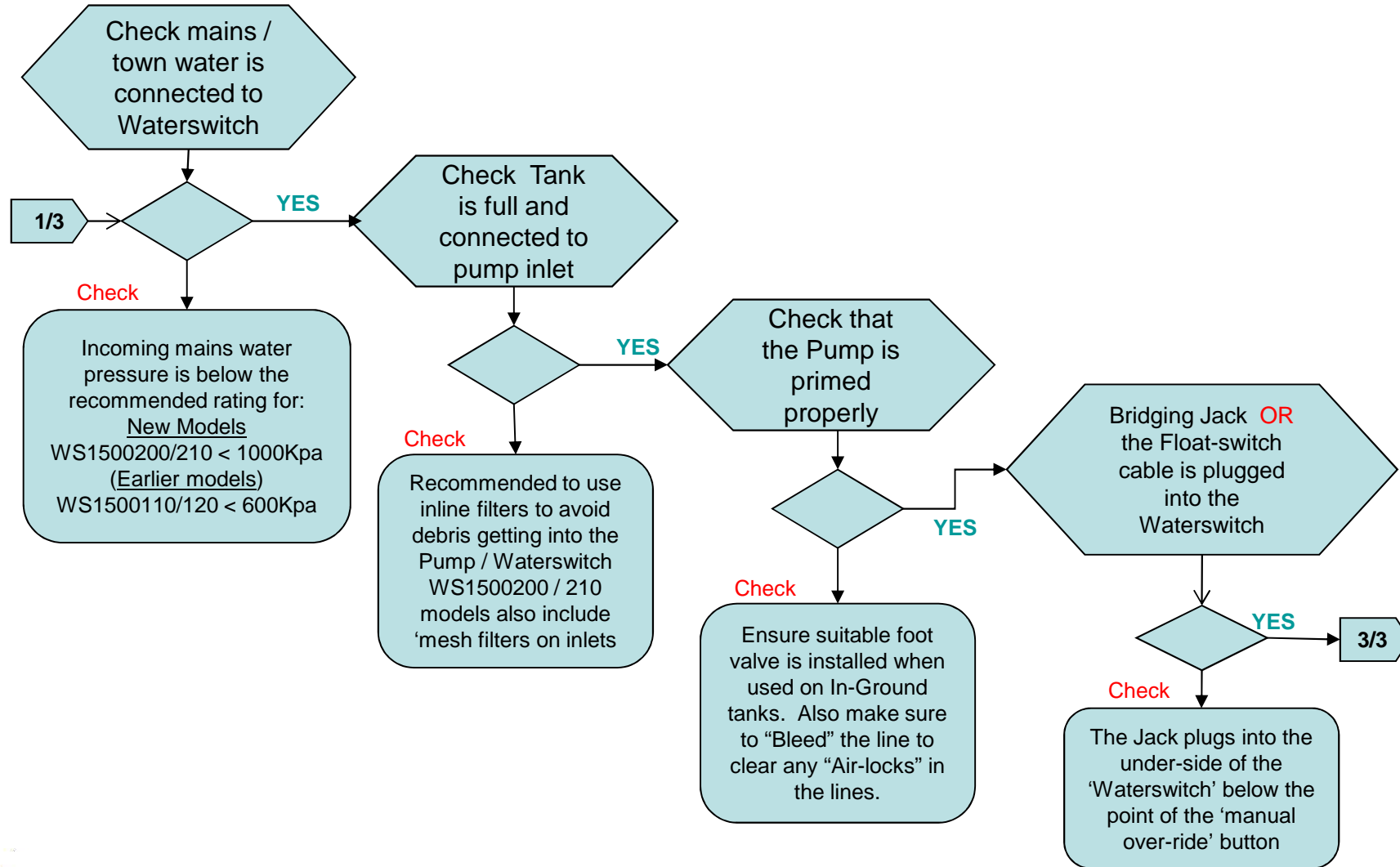
Setup diagrams



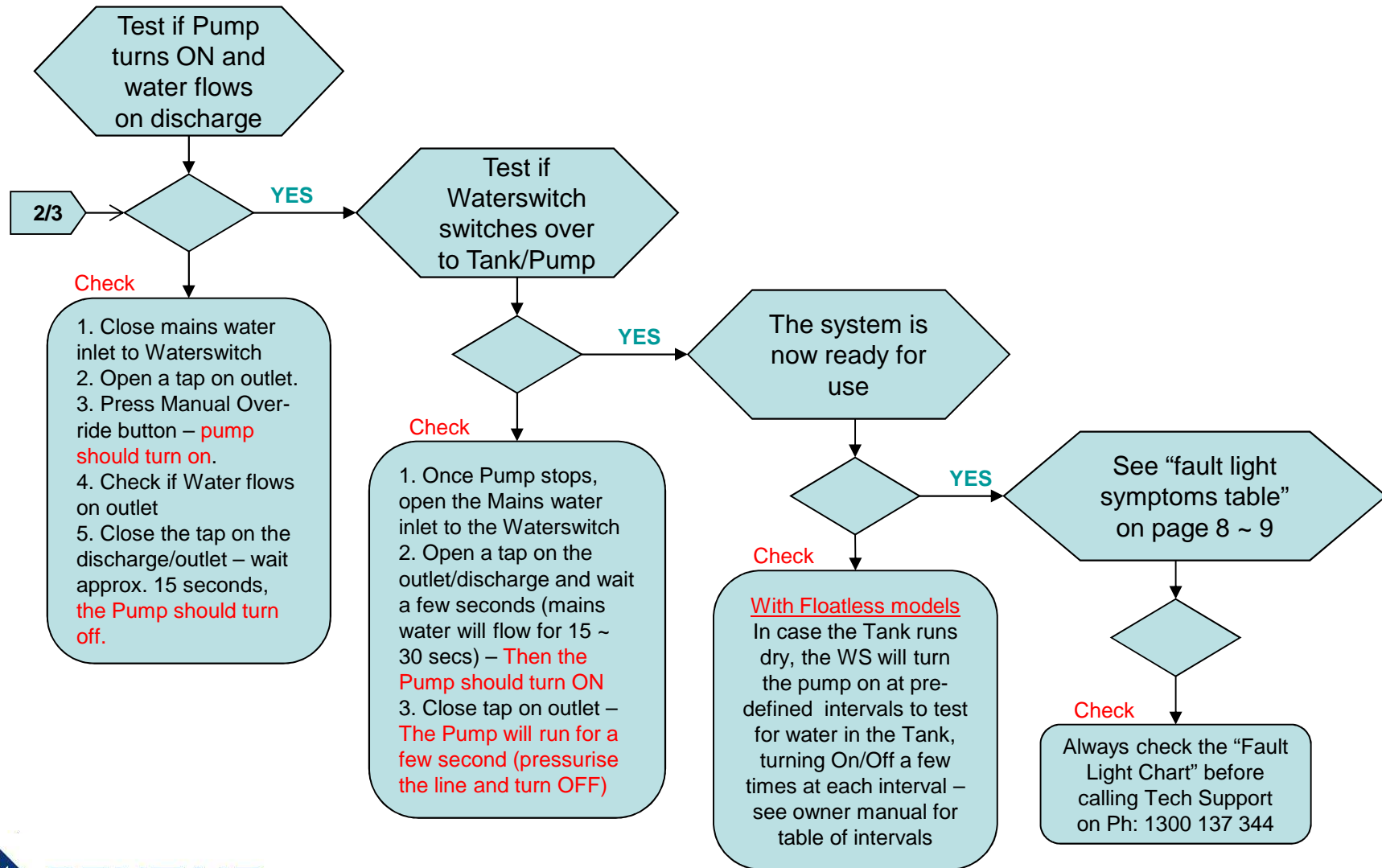
Install Flow chart (1/3)



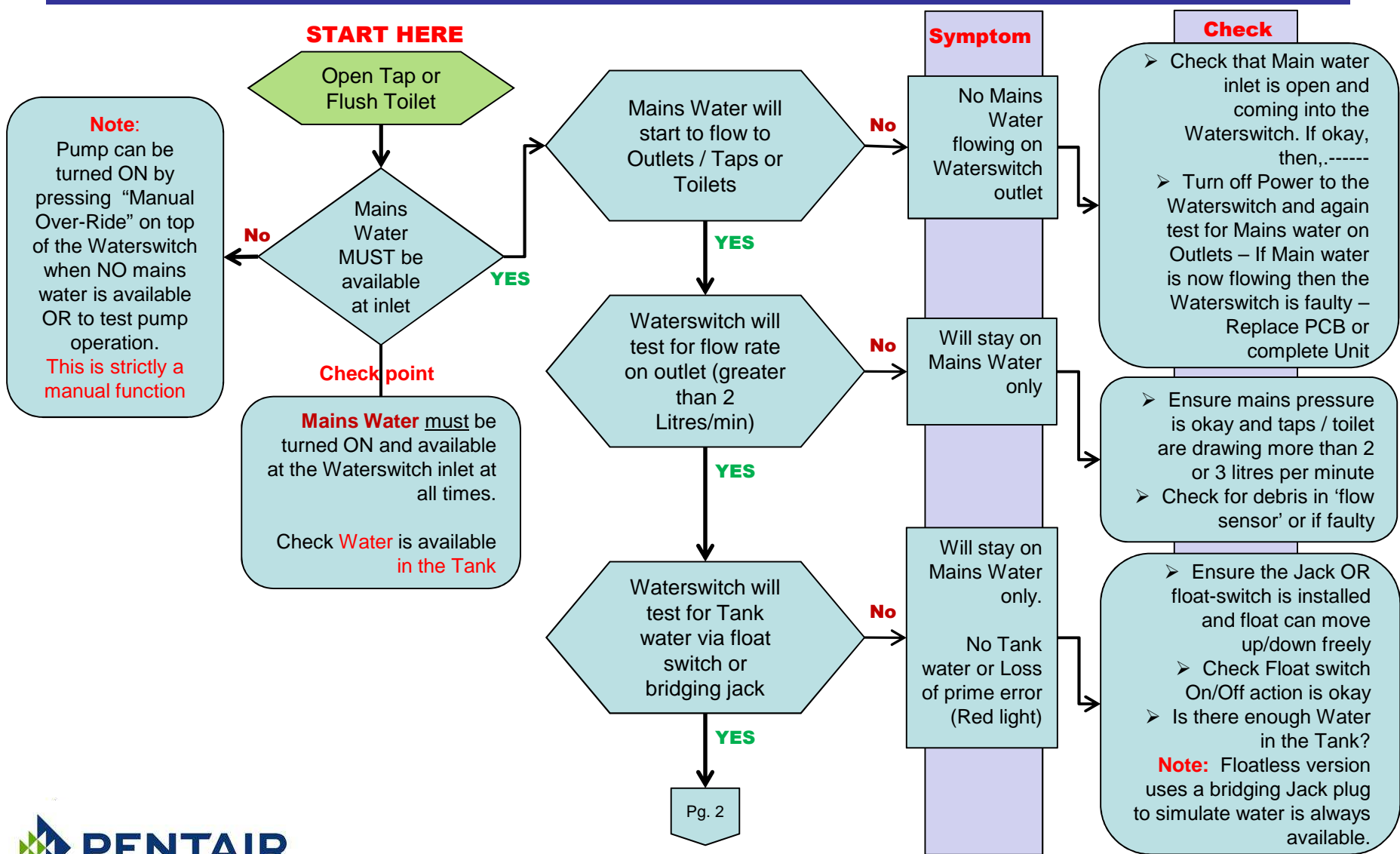
Install Flow chart (2/3)



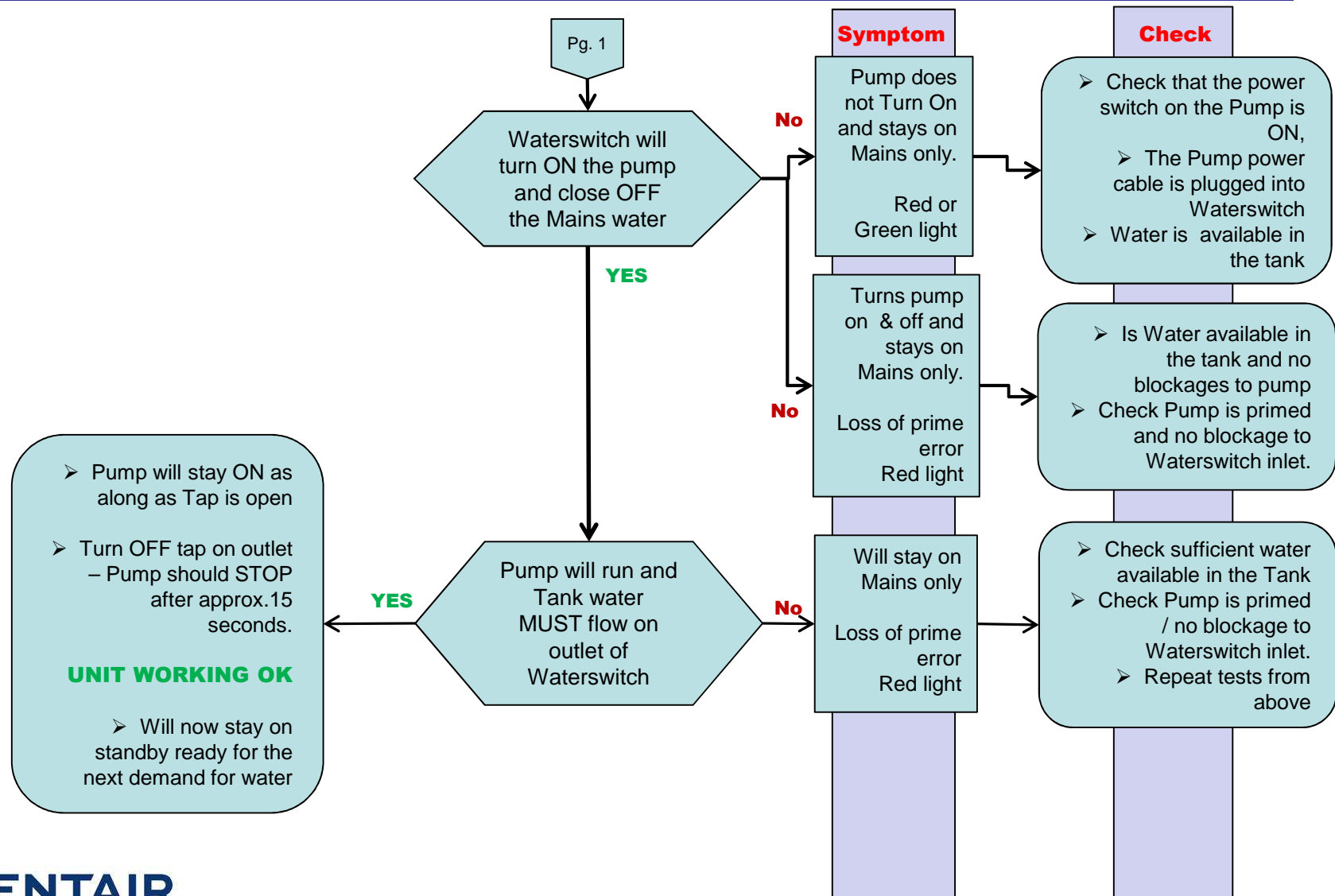
Install Flow chart (3/3)



Waterswitch – Basic operation & fault symptom



Waterswitch – Basic operation & fault symptom



Waterswitch – Basic operation & fault symptom

Subject to changes due to improvements and / or modifications in design. For Tech Support call - 1300 137 344

Notes:

Changing display Gallons or Litres

- Remove the battery from the H2O Informer device
 - Press and hold the mode button, then insert the battery
 - Release the mode button
 - The informer device will now go through an initialisation process (do not press any button at this time)
 - At the end of the process will display the following two options
 - SET TO – Gallons – press the mode button now to select ‘Gallons’
- Or
- SET TO – Litres – press the mode button now to select ‘Litres’
 - If no button is pressed – it will default to “Litres”

Fault Symptoms - **WS1500210** (Floatless model)

Light Display	Operating Symptom	Remedy
Green light flashing:	<ul style="list-style-type: none"> ➤ Tank full / no water demand on outlet and unit ready for operation (on Standby) 	Normal Operation <ul style="list-style-type: none"> ➤ No Fault – unit on Standby
Red light on solid and Green light flashing:	<ul style="list-style-type: none"> ➤ (Red) indicates Pump has Lost prime or Tank empty (after pump has repeatedly tested for water in the tank 5 times in 1 minute) ➤ (Green) indicates Water demand is on and using mains water 	Fault Condition <ul style="list-style-type: none"> ➤ Check water is available in the tank ➤ Check that pump is primed and water is flowing ➤ Test water flow using the 'manual over-ride button' on the Waterswitch
Red light flashing:	<ul style="list-style-type: none"> ➤ Tank Empty and no water demand on outlet ➤ Or missing Jack ➤ Pump not plugged into Waterswitch 	Fault Condition <ul style="list-style-type: none"> ➤ Tank has run out of water – wait for water to fill in the tank ➤ Refix / replace missing Jack ➤ Reconnect pump power plug to Waterswitch
Orange light flashing: (Red + Green)	<ul style="list-style-type: none"> ➤ Pump has lost prime and Tank is empty with no water demand on outlet 	Fault Condition <ul style="list-style-type: none"> ➤ Check water is available in the tank ➤ Check that pump is primed and water is flowing ➤ Test water flow using the 'manual over-ride button' on the Waterswitch ➤ Wait for tank to refill with water
Orange light solid Or Green light solid Or No Lights	<ul style="list-style-type: none"> ➤ No functions / operations 	Fault Condition <ul style="list-style-type: none"> ➤ PCB faulty – replace PCB or Waterswitch ➤ Waterswitch not plugged into mains power outlet

Fault Symptoms - **WS1500200** (used with Float switch)

Light Display	Operating Symptom	Remedy
Green light flashing:	<ul style="list-style-type: none"> ➤ Tank full / no water demand on outlet and unit ready for operation (on Standby) 	Normal Operation ➤ No Fault – unit on Standby
Red light on solid and Green light flashing:	<ul style="list-style-type: none"> ➤ (Red) indicates Pump has Lost prime or Tank empty (after pump has repeatedly tested for water in the tank 5 times in 1 minute) ➤ (Green) indicates Water demand is on and using mains water 	Fault Condition ➤ Check water is available in the tank ➤ Check that pump is primed and water is flowing ➤ Test water flow using the 'manual over-ride button' on the Waterswitch ➤ Wait for tank to refill with water
Red light flashing:	<ul style="list-style-type: none"> ➤ Tank Empty and no water demand on outlet ➤ Or missing Jack ➤ Pump not plugged into Waterswitch 	Fault Condition ➤ Tank has run out of water – wait for water to fill in the tank ➤ Refix / replace missing Jack ➤ Reconnect pump power plug to Waterswitch
Green light solid Or No Lights	<ul style="list-style-type: none"> ➤ No functions / operations 	Fault Condition ➤ PCB faulty – replace PCB or Waterswitch ➤ Waterswitch not plugged into mains power outlet
* No Orange light display on the WS1500200 model		

1. Pump will not turn on

- ▶ Check if 'Mains Electrical Power' is available to the Waterswitch and the Pump
- ▶ Check if the pump can be turned on with the 'Manual Over-ride' button on the Waterswitch
- ▶ Check that there is water in the Tank
- ▶ Make sure there is no debris blocking the inlet of the pump
- ▶ Check that the jack on the 'float switch' cable is firmly plugged into the Waterswitch (Float models-WS1500200)
- ▶ Check that the 'Simulator Jack (on Floatless models only) is firmly plugged into the Waterswitch (Floatless models-WS1500210)
- ▶ Check that mains water is connected and flowing through the 'Waterswitch' (Mains water MUST be present at all times for the 'Waterswitch' to be able to detect a flow/water demand and automatically switch on the pump)
- ▶ Check the water flow on the discharge/outlet of the Waterswitch - this MUST be more/greater than 2 litres per minute

2. Pump will not turn on and no mains water flowing

- ▶ Turn OFF the mains power to the complete Waterswitch unit – check if mains water is flowing on the discharge/outlet of Waterswitch
- ▶ If 'NO' then check that the mains water is turned ON at the inlet to the Waterswitch and check flow again
- ▶ If 'Yes' then turn back 'ON' the mains power to the Waterswitch and check for flow again
- ▶ If water flow is interrupted/stops again (when power is turned ON), then you have a faulty Waterswitch, contact your nearest Service Provider or replace the Waterswitch

3. Power to the home trips when the taps/toilet in the home is used

- ▶ Check and make sure that the ELCB (circuit breakers) are correctly sized for your Pump/Waterswitch application
- ▶ The Pump may be faulty (down to earth / electrically faulty) and need replacing

4. Pump running continuously

- ▶ Check for leaks / open taps on the discharge side of the "Waterswitch"
- ▶ Check and ensure there are no 'air-locks' in the plumbing lines

5. Mains filling rainwater tank

- ▶ Mains water 'may' only flow to the tank with a faulty or damaged check valve when the pump is off
- ▶ Check and make sure debris has not got into the inlet on the 'Waterswitch' and keeping the check valve open
- ▶ Then verify that the 'check valve' O-ring is not damaged or deformed due to the debris – replace check valve if required

6. Red Light flashing and no tank water flowing – Pump turns on

- ▶ Pump has lost prime OR Tank is empty – Re-prime pump and/or wait for Tank to re-fill

7. Green Light On and Red Light flashing and only using mains water

- ▶ Tank is empty - Wait for Tank to re-fill (No demand / no tap open on the outlet/discharge side of Waterswitch)

8. Green Light On, mains water flowing, but will not turn on the pump

- ▶ Test to see if 'Manual Over-Ride' button will turn ON the pump, if NO, then test pump directly on mains power,
- ▶ If Pump does not operate directly on mains –possible faulty pump – replace pump.
- ▶ If pump works ok directly on mains power, then there is a fault on the PCB of the Waterswitch – Replace the Waterswitch unit

9. Red light solid and Green light flashing

- ▶ Waterswitch power up but no Jack or Float detected in the system – check and replace float or jack

Support

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