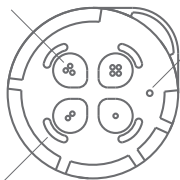




## Quick Start Guide

Fob Buttons

LED Strip



Charging LED

Micro USB Cable



**DO NOT IMMERSE FOB IN WATER. DO NOT LEAVE IN DIRECT SUNLIGHT.** Doing either will result in damage to the unit.



Button 1

### **Pump Decrease**

Each press will reduce the flow rate by 10. LED segments indicate this.



Button 2

### **Pump Increase**

Each press will increase the flow rate by 10. LED segments indicate this.



Button 3

### **Boost**

Each press will boost the flow rate by 20. LED segments indicate this.



Button 4

### **Start/Stop**

Press to stop pump. Whole LED segment lights to indicate STP.  
Press to start pump. One LED lights to indicate pump has started.

The fob will indicate the flow rate by the amount of the LED segment that is lit. For example a flow rate of 99 will show the whole segment as lit and 30 will light a third of the segment.



Pressing this button reduces the flow rate by 10. The controller will indicate this reduction on the display.



Pressing this button increases the flow setting by 10. The controller will indicate the increase on the display.



Pressing this button will boost the flow setting by 20. The controller will indicate the increase on the display.

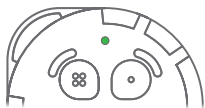


Pressing this button starts/stops the pump. If the pump is running press the button once to stop. All LEDs on the segment will light, the pump will stop and the controller displays 'StP'.



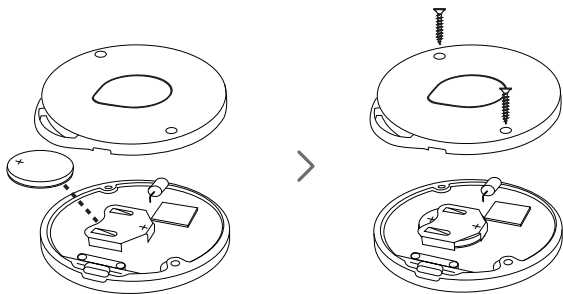
If the pump is stopped press the button once to start. A single LED on the segment will light, the pump will start and the controller will display the current flow rate.

## Non Rechargeable Fob



The charging LED will flash when the fob battery is getting low. When this happens, replace battery with a CR2450 by following the instructions below.

The fob battery can be overridden if needed. To do this, plug a micro USB charger into the charging port. This will only power the fob whilst plugged in and will not recharge the battery.



To begin using the fob, first pair it with the controller. Ensure the controller is turned on. Press and hold two opposite buttons on the fob.



If the fob is charged and working, the LED segments will appear to circle around the fob. The controller will respond by displaying 'Fob'.



Now press all three buttons on the controller at the same time.



If the pairing is successful the fob LED segments will stop circling and the controller will no longer display 'Fob'. The fob should now operate the controller. If the pairing is unsuccessful turn the controller off for 30 seconds then on again and repeat steps above.

Fob - Specification	Value
Supply Voltage Micro USB Port	5 VDC (300mA)
Enclosure Material	ABS
Water Resistance - Fob	IP54 (water resistant)
Dimensions	75 x 16 (mm)

#### DISCLAIMER

THE MANUFACTURER RESERVES THE RIGHT TO MAKE CHANGES TO ANY PRODUCT HEREIN TO IMPROVE RELIABILITY, FUNCTION OR DESIGN. THE MANUFACTURER DOES NOT ASSUME ANY LIABILITY ARISING OUT OF THE APPLICATION OR USE OF ANY PRODUCT OR CIRCUIT DESCRIBED HEREIN.

For more information and videos on how to use Spring controllers please visit: [www.springltd.co/videos](http://www.springltd.co/videos)  
European Patent: 3835575