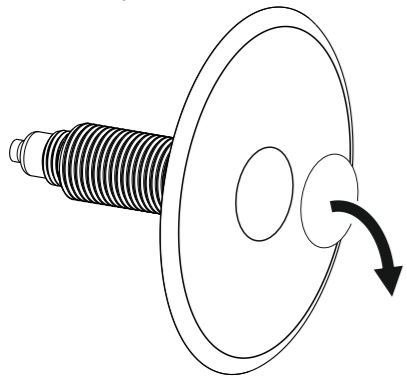


## 8 - Sensor lens film -

8.1 - Peel the transparent film from front of sensor lens.

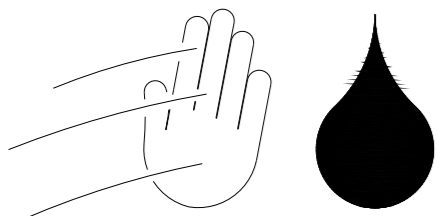


**Twyford**  
bathrooms

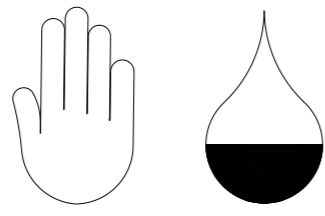
# Fitting Instructions

## 9 - Operation -

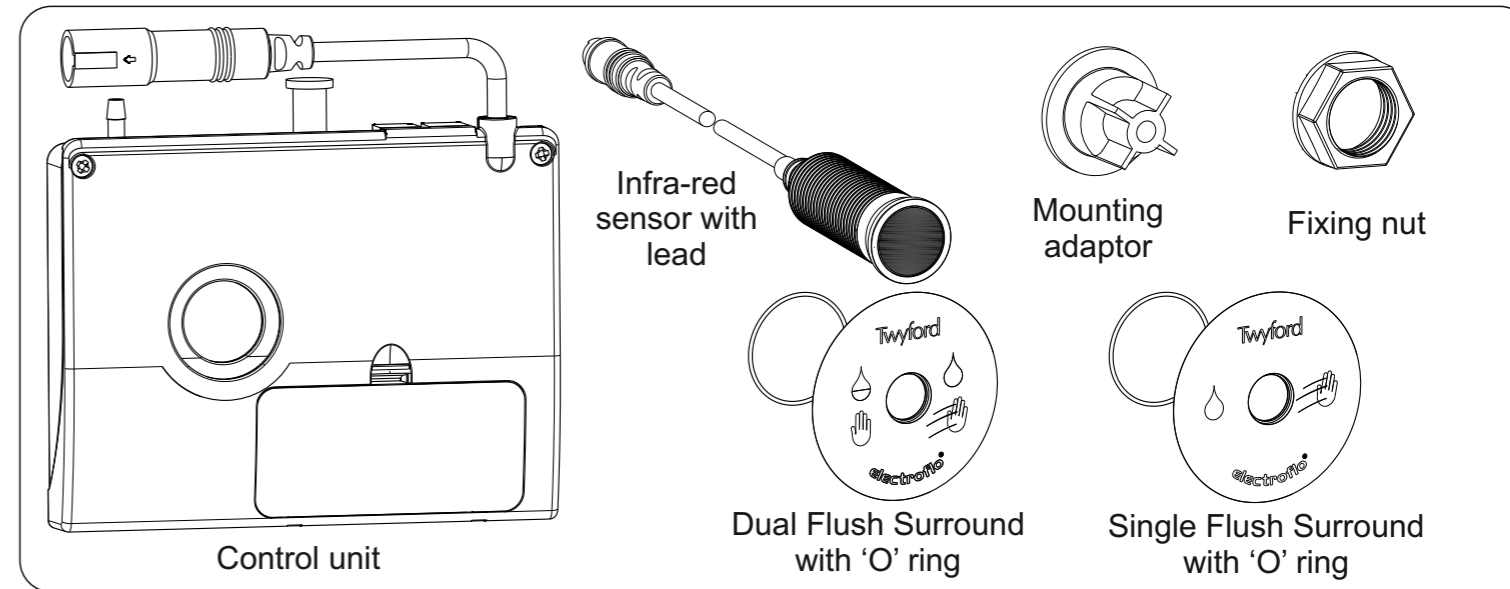
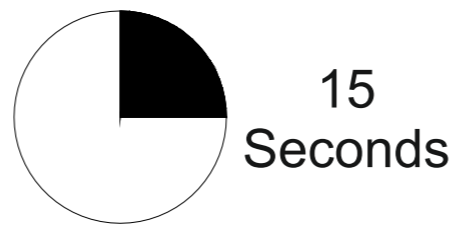
9.1 - Full flush - Wave hand within 50mm of sensor. When activated a blue light will show on the sensor.



9.2 - Partial flush - Hold hand within 50mm of sensor. When activated a green light will show on the sensor.



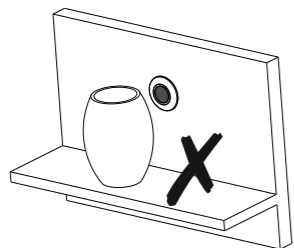
9.3 - After activation there is an inactive period where a red light shows.



## 10 - Low battery indicator -

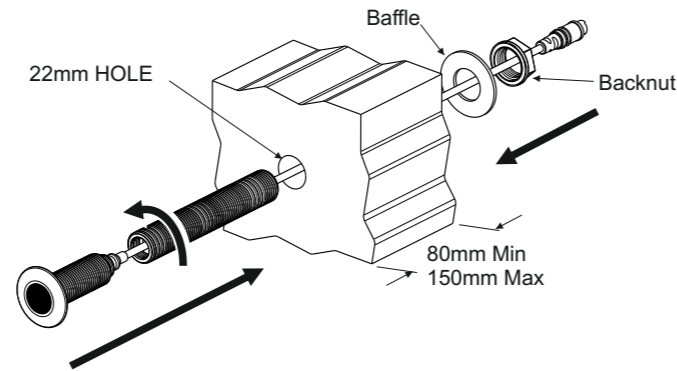
10.1 - When the batteries are low the sensor will rapidly flash red at the end of a flushing operation.

**IMPORTANT**  
Never place any object in front of the sensor



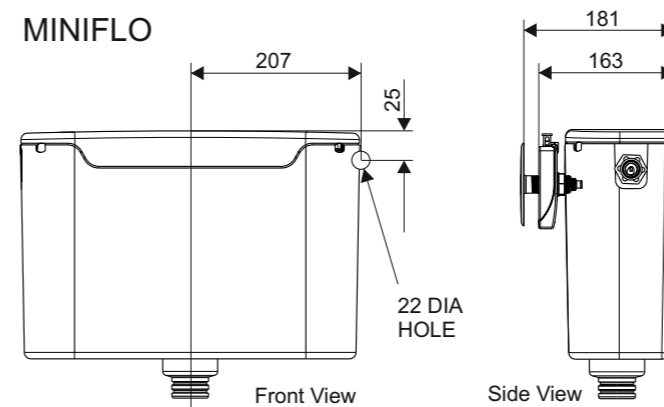
## 11 - Sensor extension kit (optional) -

11.1 - Locate the assembly through the wall and fix in place with the backnut.

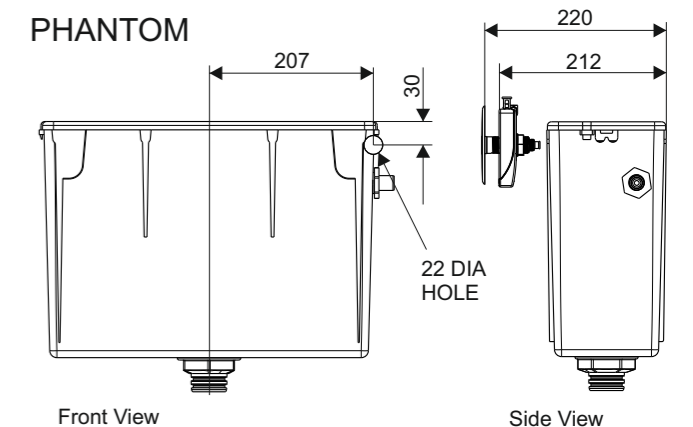


## Minimum installation dimensions

### MINIFLO



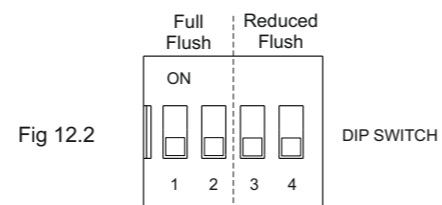
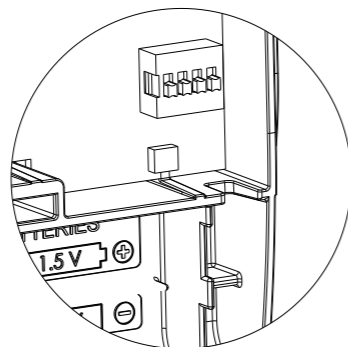
### PHANTOM



## 12 - Troubleshooting

12.1 If the cistern does not flush in either full or reduced mode, then the switch settings within the control box can be altered to increase the pump running time. Firstly, remove the battery tab and cover as described in Fig 5.1 Change the switches over for full or reduced flush as shown in Fig 12.2. It is recommended that the switches are only increased 1 position from the factory settings. Refit the battery tab and cover as described in Fig 5.3.

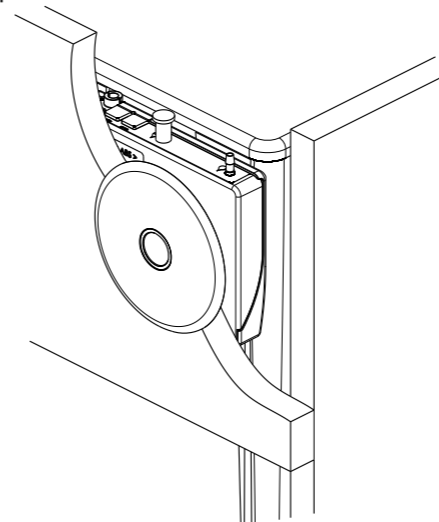
**IMPORTANT**  
Ensure no dirt or moisture enters the control box during this change of settings



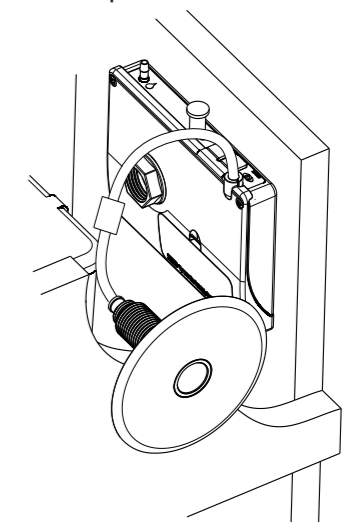
Switch Setting	Pump Running Time
OFF OFF	1.8 seconds
OFF ON	2.1 seconds
ON OFF	2.4 seconds
ON ON	2.7 seconds

## 1 - Installation options -

Option 1 - Recommended for furniture.



Option 2 - Mounted independent of the sensor.



**NOTE**  
Prior to installation ensure raised toilet seat will not cover sensor.

**Twyford**  
bathrooms

Lawton Road, Alsager, Stoke-on-Trent ST7 2DF, UK  
T: +44(0) 1270 879777 F: +44(0) 1270 873864  
www.twyfordbathrooms.com Part of the Sanitec Group

**2 - Installation -**

2.1 - Fit surround and 'O' ring to sensor.

2.2 - Fit sensor through panel/wall.

3mm Min (See section 12 for deeper installations)  
50mm Max  
22mm HOLE

2.3.1 - Installation option 1 -

2.3.1 - Fit unit over sensor and fix to panel with backnut.

2.3.2 - Installation option 2 -

2.3.2 - Fit mounting adaptor and position unit ensuring sensor cable is not stretched and the air tube connectors and battery compartment are accessible. Fix in place with suitable No.8 countersunk screw (Not supplied).

5.2 Gently remove the jumper from the factory set dual flush position and place over the single flush position. See diagrams

Dual flush / single flush jumper

Transfer jumper to single flush position

5.3 Refit cover and battery tab as shown

Ensure cable is not stretched and the foam wrap is correctly positioned

3 - Mains connection -

3.1 - Connecting to mains (optional) - Snap off socket cover and connect mains adaptor.

**Installation of the mains adaptor must be carried out and checked by a qualified electrician.**

**Important during installation do not expose the electronics to fluids, dust, dirt or damp.**

6 - Air tube connection -

6.1 - Connect the air tubes

Clear or white tube full flush.

Green tube reduced flush.

**WARNING**

**Do not shorten Air Tubes**

4 - Remote button connection -

4.1 - Connecting a remote button (optional) - Snap off socket cover and connect remote button plug.

5 - Single flush -

5.1 Firstly remove the battery tab and then the cover

7 - Installation of batteries -

7.1 - Remove the battery cover.

7.2 - Install 4 x AA (1.5 volt) batteries. Alkaline LR6 recommended but not supplied

4 X AA BATTERIES

1.5V 1.5V

1.5V 1.5V

7.3 - Replace the battery cover.

7.4 - On installation of batteries the sensor will flash red, green, blue repeatedly for 5 seconds. After this a red light will flash every 8 seconds to show the unit is active.