

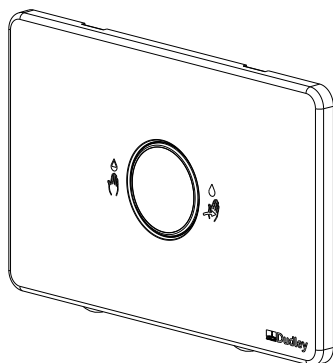
# Wave S1 & S2

Touch Free Flushplate Instructions



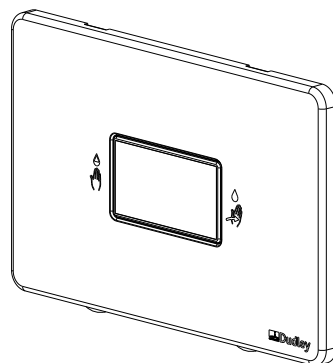
Thomas Dudley Ltd  
P.O. Box 28, Birmingham New Road,  
Dudley, West Midlands, DY1 4SN.  
Telephone: 0121 530 7000  
Fax: 0121 557 5345  
E-mail: [sales@thomasdudley.co.uk](mailto:sales@thomasdudley.co.uk)  
Web: [www.thomasdudley.co.uk](http://www.thomasdudley.co.uk)

## 1 PACK CONTENTS

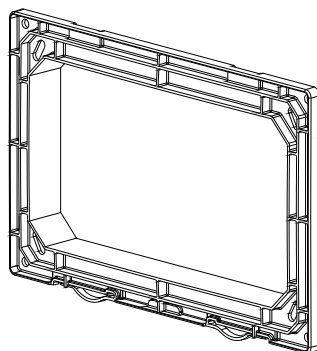


Wave S1 Pushplate Assembly

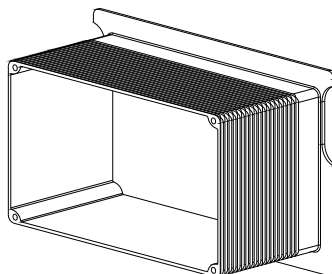
OR



Wave S2 Pushplate Assembly



Cover Mount



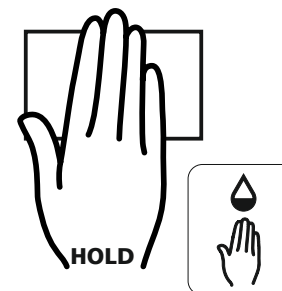
Tunnel



Screws x 4

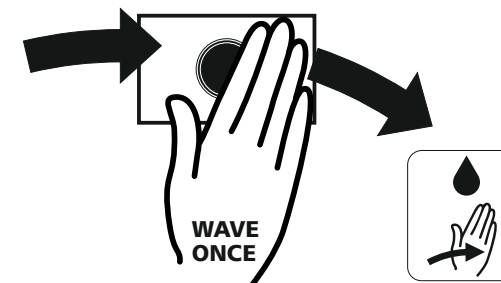
## 9 OPERATION

### PARTIAL FLUSH



Hold hand in front of the sensor at a distance less than 50mm.  
On activation the LED will illuminate **green**

### FULL FLUSH



Wave hand once across the front of the sensor at a distance less than 50mm.  
On activation the LED will illuminate **blue**

Flushing is followed by a 30 second cistern refill period when a flush cannot be initiated. During this period the LED will illuminate **red**.

Low batteries are indicated by the red LED flashing rapidly after each flush,

**IMPORTANT:** Do not place objects in front of the sensor.

## 10 TROUBLE SHOOTING

### 1. The unit appears totally inactive and will not flush

- a Check that the batteries have been installed.
- b Check the orientation of the batteries.
- c If the batteries are low replace them with new ones.
- d Ensure that the connection between the sensor and control unit is secure.

### 2. The sensor operates but there is no flush:

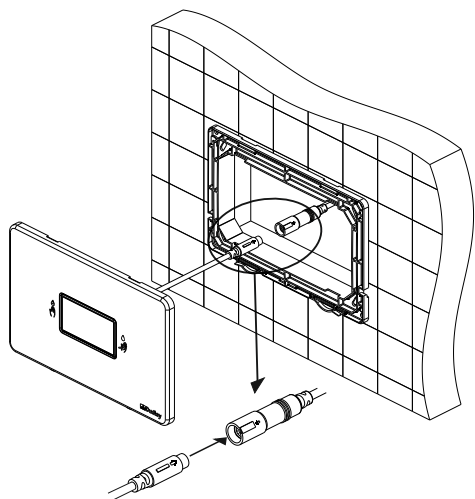
- a The pneumatic tubes may have become detached. In this unlikely event, ensure that they are completely dry and then re-attach. The control unit may be permanently damaged if water enters via the pneumatic tubes
- b The pneumatic tubes are kinked restricting the air flow. Straighten the tubes.
- c The pneumatic tubes are interfering with the flush valve mechanism. Move the tubes well away from the valve.

If the unit fails to operate correctly after completing trouble shooting please return the unit and all packaging to your retailer.

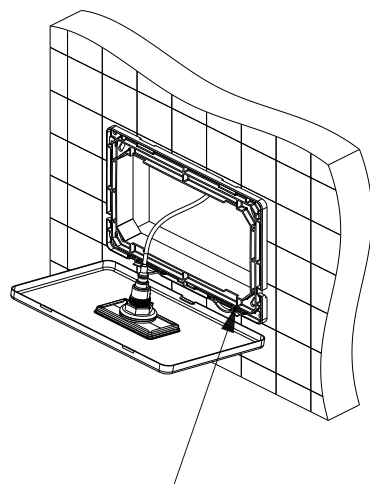
## 11 CLEANING AND MAINTENANCE INSTRUCTIONS

To clean this product use only warm water with a non abrasive cloth. Do not use any cleaning agents or abrasive cleaner.

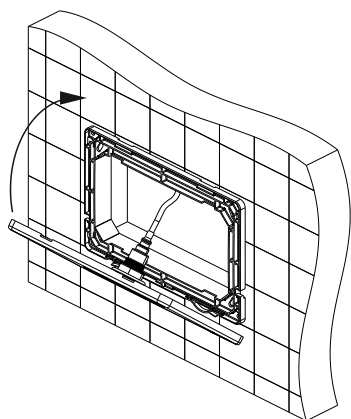
## 8 INSTALLATION OF FASCIA PLATE



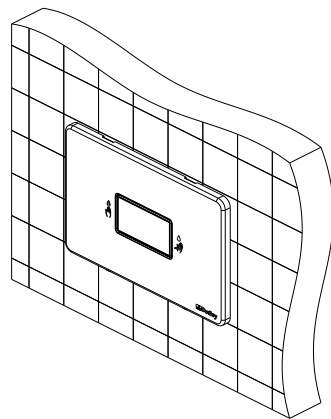
**8.1** Connect the two leads ensuring the arrows align. Press firmly



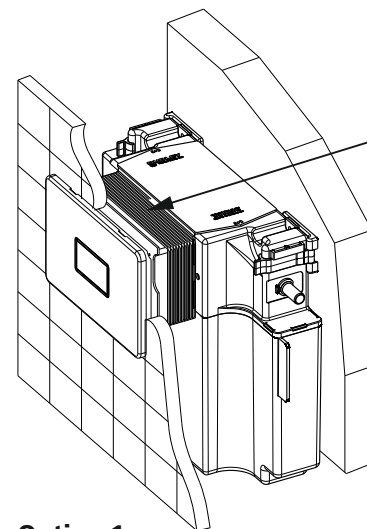
**8.2** Position the pushplate on the lower edge of the mounting frame engaging with the spring clip features



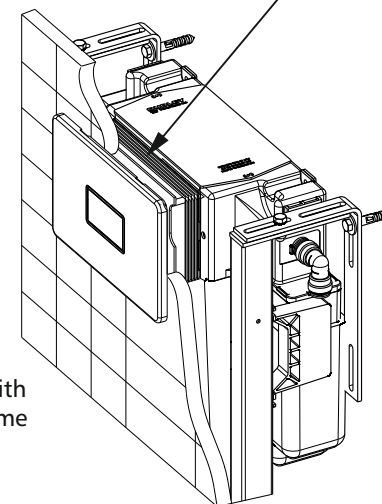
**8.3** Lift and rotate the pushplate until the top edge of the pushplate clips over the top edge of the mounting frame



## 2 CISTERN INSTALLATION OPTIONS



**Option 1**  
Behind partition with cistern fixed to back wall

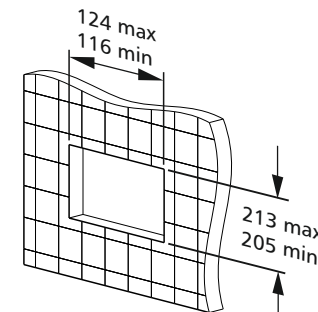
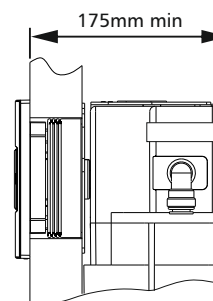


**Option 2**  
Behind partition with Dudley Illusion Frame

The tunnel used to bridge gap between partition and cistern service aperture. Longer fixing screws may be required. (Not supplied)

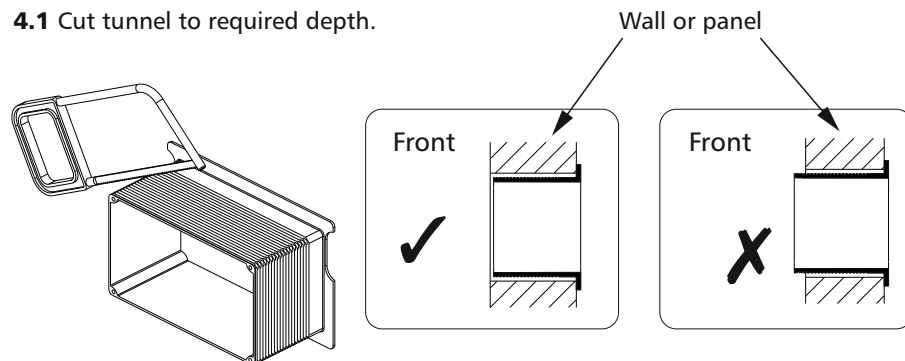
## 3 INSTALLATION DIMENSIONS

Cut hole in wall or panel to align flush plate with cistern installation



## 4 CUTTING THE TUNNEL

4.1 Cut tunnel to required depth.

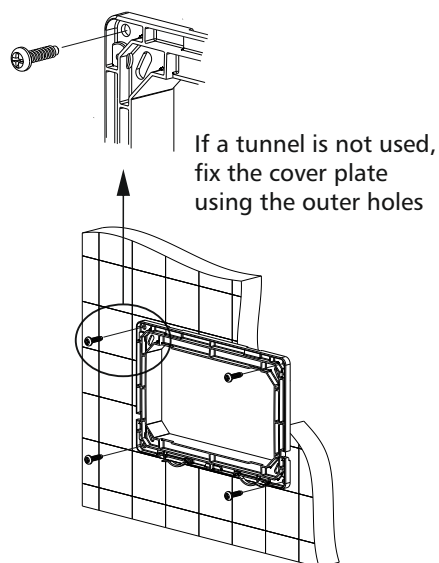


## 5 FITTING THE TUNNEL

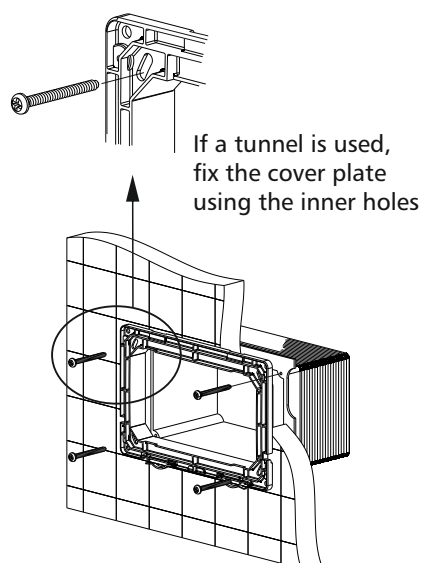
5.1 **Option A** Position cover mount and fix with the four screws provided

**Option B** Position tunnel in void and attach cover mount. Longer screws will be required (Not supplied)

**Option A**

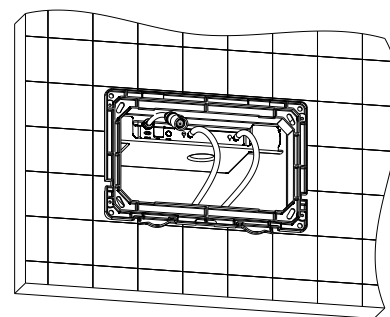


**Option B**

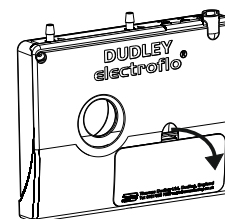
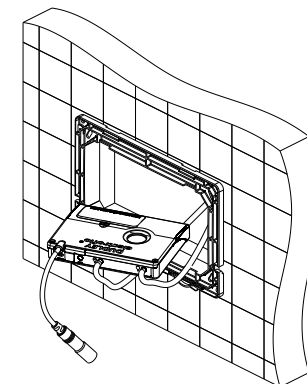


## 6 FITTING THE BATTERIES

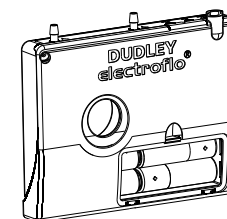
6.1 When the Vantage cistern is installed, the Electroflo Control Unit can be seen through the tunnel as shown below



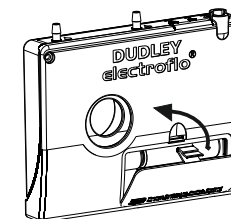
6.2 Carefully remove the control unit through the tunnel and wall



6.3 Remove the battery cover



6.4 Install 4 x AA (1.5V) batteries. Alkaline LR6 recommended. (Not supplied)

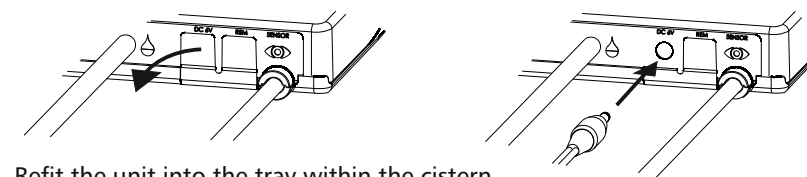


6.5 Replace the battery cover and refit into the tray within the cistern

Views shown without tubes and cable for clarity

## 7 MAINS OPTION

7.1 Snap off the socket cover and connect the mains adaptor



Refit the unit into the tray within the cistern

**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**