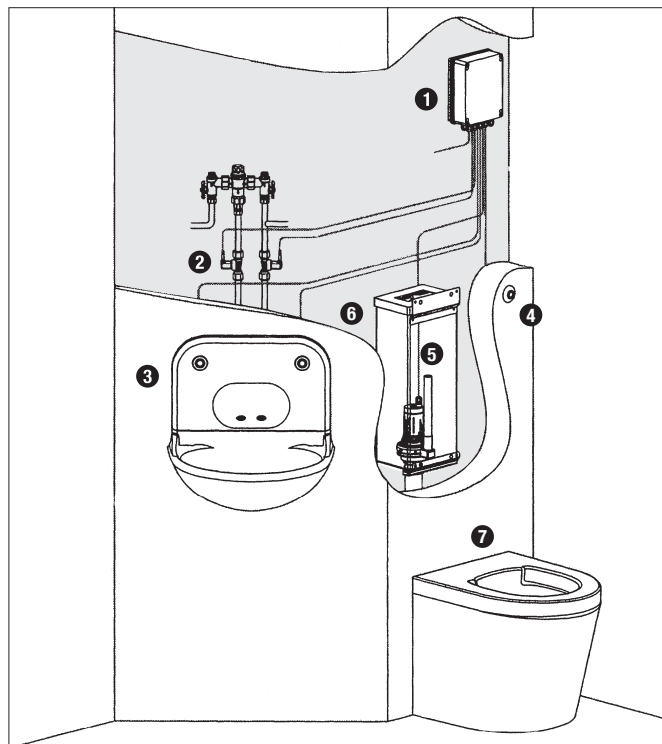# ENSUITE WASHROOM CONTROL SYSTEMS

Single Ensuite Washroom Control System features:

- single control box can control a basin with 2 spouts, a WC and a shower
- anti-ligature no-touch sensor (or optional electronic touchpad switch) operation
- optional lock-out facility
- optional purge facility

Single Ensuite—Control Package 1 – High Risk (excluding shower)

Order Code:
Ensuite Control Package 1 - High Risk
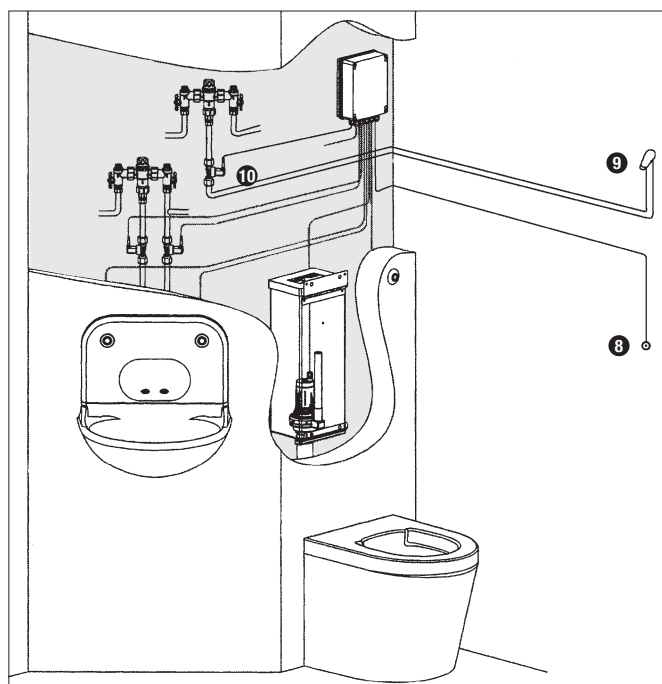
Package 1 includes:

1. Washroom Control Box
2. 2 No. 15mm Solenoid Valves
3. High Security Integrated all-in-one Basin and Backplate (and 2 No. Sensors; 1 for hot water, 1 for cold water)
4. WC anti-Vandal wave-on Sensor
5. WC Flushvalve
6. Concealed Cistern Kit
7. High Security WC Pan

Does not include sensor and valve for shower.

Thermostatic mixing valves also available if specified.

Fig. 1 WC and Basin

Single Ensuite—Control Package 2 – High Risk (including shower)

Order Code:
Ensuite Control Package 2 - High Risk

Package 2 includes everything in Package 1, but also includes:

8. Shower Sensor for Showerhead
9. Vandal Resistant Showerhead
10. Additional 15mm Solenoid Valve

Fig. 2 WC, Basin and Shower

Dual Room 'Back-to-Back' Ensuites—Control Package 3 – High Risk (excluding shower)

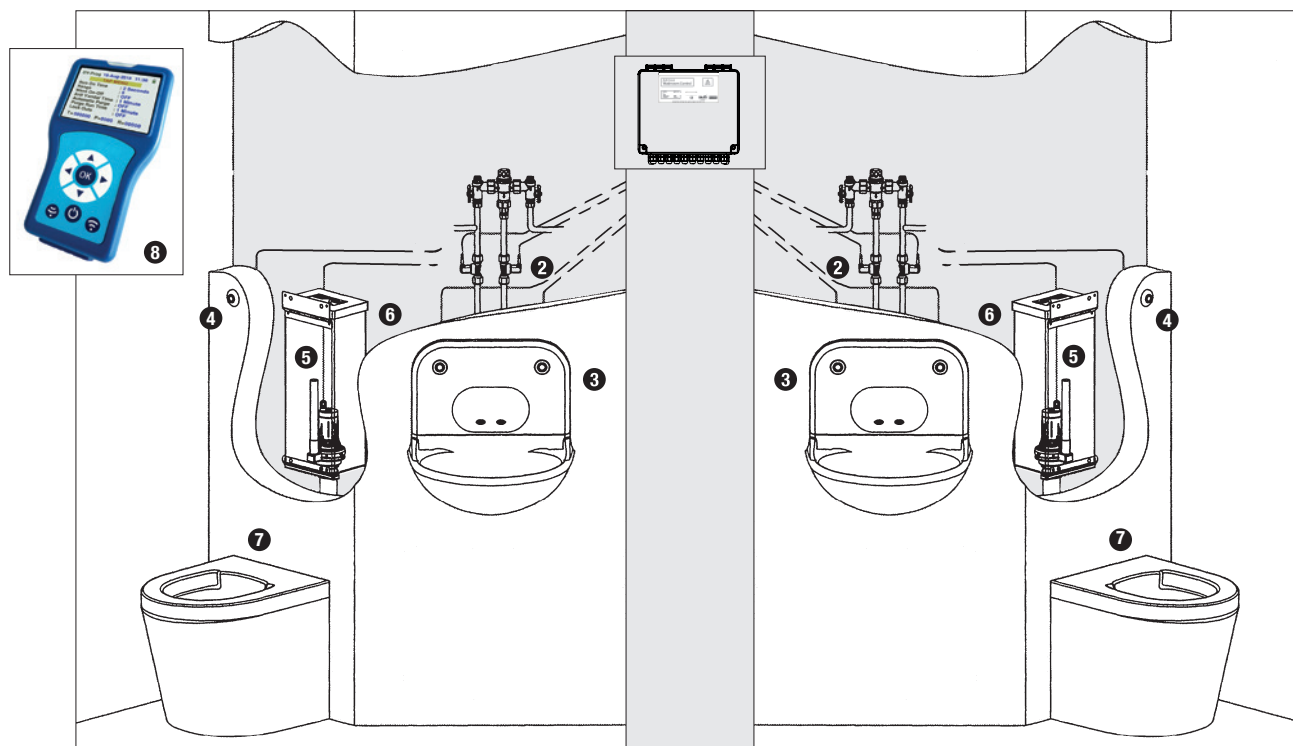c/w 1 × **Programmable** multi channel washroom control box to control 2 × back-to-back en suites

Fig. 3 Dual-Room WC and Basin

Order Code:
Dual-Room Ensuite Control Package 3 - High Risk

Package 3 includes:
1. Programmable Multi-Channel Washroom Control Box
2. 4 No. 15mm Solenoid Valves
3. 2 no. High Security Integrated all-in-one Basin and Backplate (and 4 No. Sensors; 2 for hot water, 2 for cold water)

4. 2 no. WC anti-Vandal wave-on Sensor
5. 2 no. WC Flushvalve
6. 2 no. Concealed Cistern Kit
7. 2 no. High Security WC Pan

Package 3 does not include:
8. Programmer (*You will need to order at least one programmer per site for dual room kits*)

Does not include sensor and valve for shower.

Dual Room 'Back-to-Back' Ensuites—Control Package 4 – High Risk (including shower)

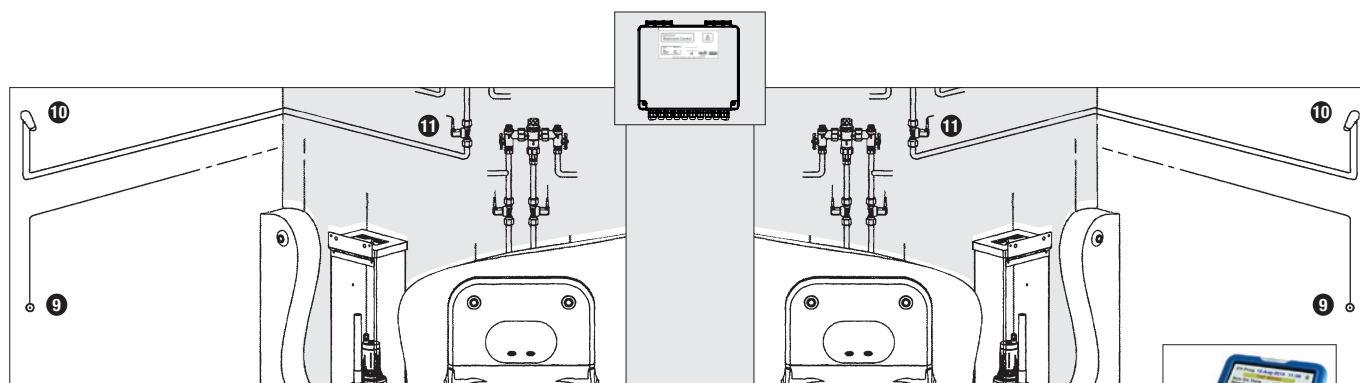c/w 1 × **Programmable** multi channel washroom control box to control 2 × back-to-back en suites

Fig. 4 Dual-Room WC, Basin and Shower

Order Code:
Dual-Room Ensuite Control Package 4 - High Risk

Package 4 includes everything in Package 3, but also includes:

9. 2 no. Shower Sensor for Showerhead
10. 2 no. Vandal Resistant Showerhead
11. 2 no. Additional 15mm Solenoid Valve

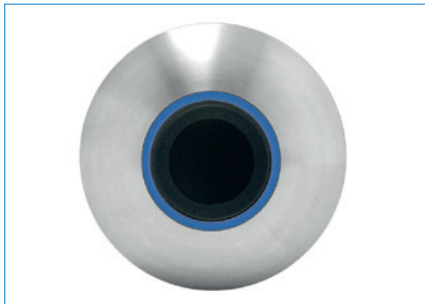## Optional extension threads for Ensuite Control Packages:

Panel or Wall? Standard product is designed to fit through a normal thin panel. If fitting through a thick brick wall you will require optional extension threads. If in doubt please confirm total wall thickness so we can price for any relevant extension threads required.

Remote Panel-Mounted Anti Vandal Sensor or Touchpad for High Security WC Pan

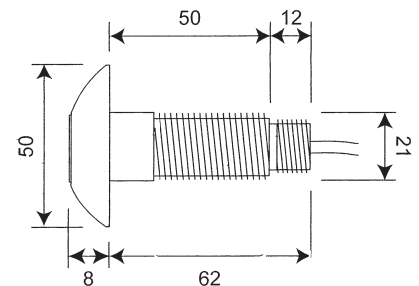### Please confirm total wall thickness as you may require optional extension threads

No Touch Sensor
To operate put hands within 2" or 50mm of the sensor

Touchpad switches
Require a small push to make the contact

Anti-ligature Sensors or Touchpads for High Security Integrated Basin & Backplate

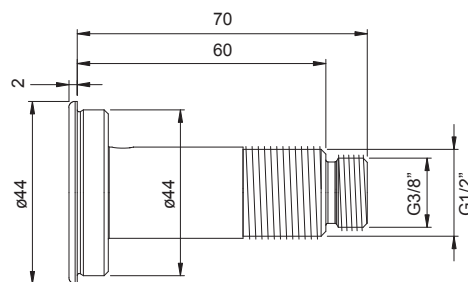### These sensors or touchpads fit into the backplate

No Touch Sensor
To operate put hands within 2" or 50mm of the sen-

Touchpad switches
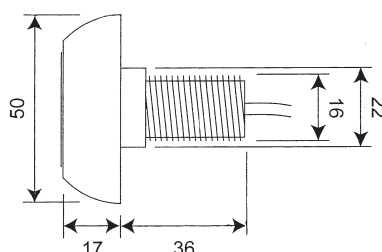Require a small push to make the contact

Remote Waterproof Shower Sensor

Please confirm total wall thickness as you may require optional extension threads

No Touch Sensor
To operate put hands within 2" or 50mm of the sensor

Bezel diameter .... Ø 50mm
Overall length 53mm
Thread length 36mm
Thread material .... ABS Plastic
Pre-wired .... YES
Cable length .... 8m standard
Finish .... Brushed steel

WRAS approved Solenoid Valves for Mains-powered En-suite Packages

Standard high pressure (HP) 0.5 Bar – 6 Bar

12v nylon pre-wired 15mm solenoid valve for mains powered kits.
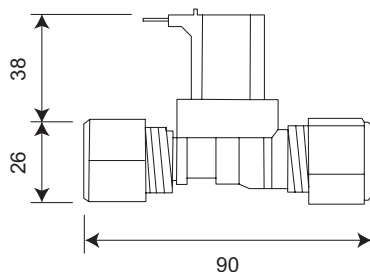
Working Temperature Range 0°C to 60°C
Electrical connection: Spade connectors / 2-core Ø0.5mm copper cable

ORDER CODE
15mm 12v Plastic HP Valve

TECHNICAL DATA

Gross weight .... 0.215 kg
Material .... Nylon
Seal Material .... NBR (Nitrile)
Voltage 12vDC
Power 3W
Connection .... 15mm compression
Pressure rating .... 0.5 Bar – 6 Bar
Operation type .... Normally closed
Cable length 3m

Optional low pressure (LP)
0 Bar – 0.5 Bar maximum (*available on request*)

12v (7.1mm orifice) solenoid valve for mains powered kits.
You will need to provide length of 2 core cable from valve to control box.
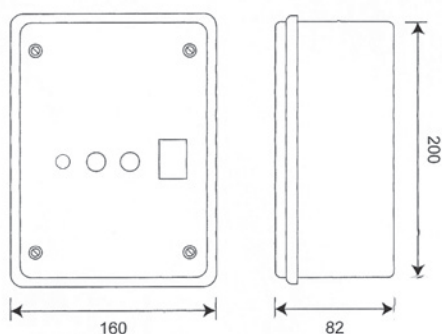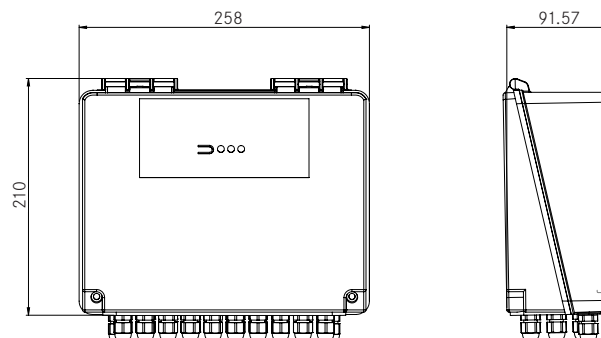
ORDER CODE
15mm 12v (7.1mm) Valve

TECHNICAL DATA
Material .... ABS/Brass
O-ring/washers........... Nitrile
Pressure rating .... 0 Bar – 0.5 Bar max.
Orifice 6.7mm
Connection .... 15mm compression
Voltage 12vDC
Operation type .... Normally closed
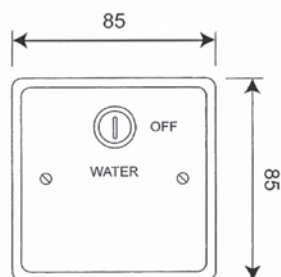

Washroom Control Box

Programmable Multi-channel Washroom Control Box

Optional Remote Key Switch

Order Code: HSKEYSW

Product Description: Water control key switch c/w 5m cable *(suitable for use with washroom control system for isolating water or re-setting lockouts)*