Robert Pearson & Company Ltd.

Water & Energy Saving Solutions

Product Guide 2019/2020

Sensor Taps	Remote Tap Sensors	Sensor WC Flush

Sensor Urinal Flushvalves	PIR Urinal Controls	Anti Ligature
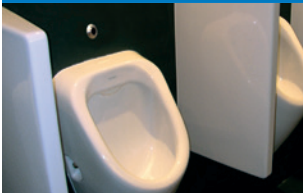
PIR Switches	Sanitary Shut Off Valves	Actuated Valves

Inline Water Flow Regulators	Neoperl Aerators & Flow Regs	Limescale Control

NEOPERL®
DISTRIBUTOR

Contents

Welcome …

… to our Water and Energy Saving Solutions Product Guide 2019/2020. As an official distributor for **Neoperl®** we can supply their full range of flow regulators and tap aerators etc., offering innovative solutions regarding drinking water for the plumbing industry. Neoperl® products can shape the water stream, regulate the flow rate and protect drinking water.

Alongside our Robert Pearson inline flow regulator products, these cost-effective products can help achieve **BREEAM Points** and help meet **Code for Sustainable Homes** etc. With these products you can achieve water savings of up to 70% by providing constant and maximum flow rates irrespective of fluctuations in changes of water pressure.

The following pages show a selection of the most requested Neoperl® products. We can supply aerators etc. with or without Neoperl® Chrome Housings. Caché® products screw into tap's female thread (no housing required). For comprehensive product information visit **www.robertpearson.co.uk/products/water-flow-regulators/** or visit **www.neoperl.net**

Perlator® Honeycomb

Improved lime protection
Damage proof: unlike conventional wire mesh screens, the HONEYCOMB structure cannot be crushed. Integrated anti-clogging dome screen filters sediments and particles.

Female M22 and Male M24
Housings for Standard (**STD**) aerator

Male M28
Housing for Tubfiller (**TF**) aerator

Cascade®

Superior lime protection
Damage proof: unlike conventional wire mesh screens, the CASCADE® structure cannot be crushed. Integrated anti-clogging dome screen filters sediments and particles.

Female M19 and Male M20
Housings for Tiny Junior (**TJ**) aerator

US Female 3/4" and US Male 13/16"
Housings for Junior (**JR**) aerator

or Cascade® SLC?

Smart Lime Cleaning (SLC)
for a maximum lifespan of your tap aerator:
All the features of Cascade® + maximum lime resistance.
No need to remove the aerator for cleaning.

Male M18, Female M16 / IG 3/8"
Housings for Tom Thumb (**TT**) aerator

Water Saving Tap Aerators and Flow Regulators

RP/CAAFR Cascade model combined aerator and flow regulator

Order Code: **RP/CAAFR**
Availabe Flow Rates/Colour Coding

1.9 Lpm	Lime Green	6 Lpm	Black
3.8 Lpm	Blue	8 Lpm	White
5 Lpm	Orange		

RP/MIKADO model flow regulator with grid-like spray pattern

Order Code: **RP/MIKADO**
Availabe Flow Rates/Colour Coding

1.3 Lpm	Brown	3.8 Lpm	Blue
1.9 Lpm	Lime Green	4.5 Lpm	Pink

RP/SPRAY-ITR model flow regulator with soft rain-like spray

Order Code: **RP/SPRAY-ITR**
Availabe Flow Rates/Colour Coding

3.8 Lpm	Blue	7 Lpm	Green
5 Lpm	Orange		

RP/LAMINAR Perlator model combined laminar and flow regulator (does not aerate the water)

Order Code: **RP/LAMINAR**
Availabe Flow Rates/Colour Coding

1.9 Lpm	Lime Green	6 Lpm	Black
3.8 Lpm	Blue	8 Lpm	White
5 Lpm	Orange		

For additional information visit:
robertpearson.co.uk/products/water-flow-regulators/
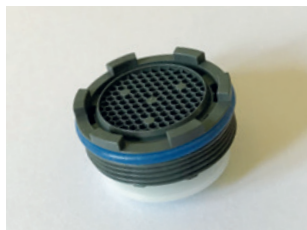
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Water Saving Tap Aerators and Flow Regulators

No plumbing required to fit. Simply replace existing tap aerator or flow straightener

RP/CACHÉ Perlator model combined aerator and flow regulator
Screws into female tap thread—no housing required

Order Code: **RP/CACHE**
Availabe Flow Rates/Colour Coding

3.8 Lpm	Blue	7 Lpm	Green
5 Lpm	Orange	8 Lpm	White
6 Lpm	Black		

Caché Service Key
Order Codes:

🟨	**RP/CACHE/KEY/TT**
🟩	**RP/CACHE/KEY/TJ**
🟥	**RP/CACHE/KEY/JR**
⬜	**RP/CACHE/KEY/STD**

Approximate size guide for caché service keys:
Yellow (TT) = 16mm, Green (TJ) = 18mm
Red (JR) = 21mm, Grey (STD) = 24mm

RP/SSR Perlator model combined aerator and flow regulator with swivel feature

The angle of the water stream can be adjusted directly at the aerator by moving the adjustable tilting plate. Swivel angle (depending on the aerator model): $\pm 6°$ up to $\pm 10°$

Order Code: RP/SSR
Availabe Flow Rates/Colour Coding

3.8 Lpm	Blue	7 Lpm	Green
5 Lpm	Orange	8 Lpm	White
6 Lpm	Black		

RP/UNRESTRICTED model flow straightener (mainly for taps used in low pressure installations)

Order Code: RP/UNRESTRICTED

For additional information visit:
robertpearson.co.uk/products/water-flow-regulators/

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Water Saving Tap Tail Flow Regulators

RP/DWSA/TTFR model ½" Tap Tail Flow Regulator c/w chrome housing

Order Code: RP/DWSA/TTFR
Availabe Flow Rates/Colour Coding

1.4 Lpm	Brown	6 Lpm	Pink
1.9 Lpm	Yellow	8 Lpm	Red
2.5 Lpm	Orange	9 Lpm	Lilac
3.5 Lpm	Beige	10 Lpm	Black
5 Lpm	Violet	12 Lpm	White

Water Saving Shower Flow Regulators

RP/SFR/DW model ½" Shower Flow Regulator c/w chrome housing

Order Code: RP/SFR/DW
Availabe Flow Rates/Colour Coding

4 Lpm	Grey	10 Lpm	Blue
6 Lpm	Black	12 Lpm	Red
8 Lpm	White	15 Lpm	Lime Green
9 Lpm	Orange		

RP/PCW-01 model ½" Washer Regulator for shower hose
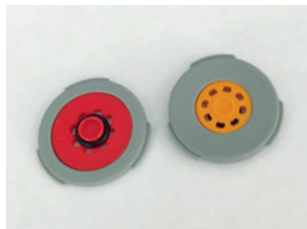
Order Code: RP/PCW-01
Availabe Flow Rates/Colour Coding

4 Lpm	Dark Grey	10 Lpm	Light Blue
6 Lpm	Black	12 Lpm	Red
8 Lpm	White	15 Lpm	Lime Green
9 Lpm	Orange		

RP/PCW-02 model ½" Washer Regulator for male thread shower handles (and bib/pillar tap tails)
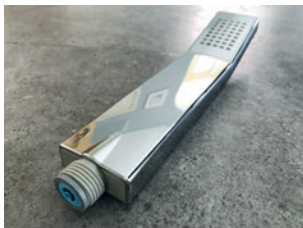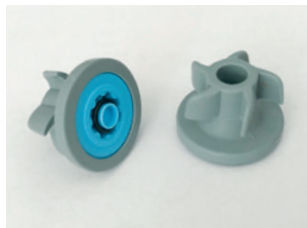
Order Code: RP/PCW-02
Availabe Flow Rates/Colour Coding

2 Lpm	Olive	9 Lpm	Orange
4 Lpm	Dark Grey	10 Lpm	Light Blue
6 Lpm	Black	12 Lpm	Red
8 Lpm	White		

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Water Saving Inline Flow Regulators

- Up to 70% water savings at taps and showers etc. by ensuring maximum and constant flow rates, irrespective of changes in water pressure between **1 & 10 bar** unless stated otherwise. Reduced hot water consumption also provides energy savings

- Improves water distribution around the site especially at peak demand periods

RP/ACC model combined flow reulating & isolating ACCESS valve
(for outlets supplied with water pressure 0.5 Bar – 6 Bar maximum)

Order Codes: **15mm RP/ACC** or **22mm RP/ACC**

Availabe Flow Rates (litres per minute) for both 15mm RP/ACC and 22mm RP/ACC

2.5 Lpm	Lime Green	10 Lpm	Yellow
4 Lpm	Pink	12 Lpm	Brown
6 Lpm	Grey	15 Lpm	Blue
8 Lpm	White	18 Lpm	Green

Optional strainer available on request.
Optional Red and/or Blue Handles for the valves available on request.

RP/ISO model combined flow reulating & isolating valve

Order Code: **15mm RP/ISO**

Availabe Flow Rates (litres per minute) for 15mm RP/ISO

4 Lpm	Grey	10 Lpm	Blue
5 Lpm	Yellow	12 Lpm	Red
6 Lpm	Black	15 Lpm	Lime Green
8 Lpm	White	18 Lpm	Green

Optional Red and/or Blue Handles for the valves available on request.

RP/GA model flow regulating insert
(for your own choice of compression ended 15mm valve)

Order Code: **15mm RP/GA**

Availabe Flow Rates (litres per minute) for 15mm RP/GA

4 Lpm	Pink	12 Lpm	Brown
6 Lpm	Grey	15 Lpm	Blue
8 Lpm	White	18 Lpm	Green
10 Lpm	Yellow		

For additional information visit:
robertpearson.co.uk/products/water-flow-regulators/

Automatic "No Touch" Sensor Operated Taps

Use up to 70% less water than conventional taps. Can help achieve BREEAM Points

- Easy to operate – simply put your hands in front of the sensor
- Reliable & Hygienic "No-touch" operation
- Optional automatic purge facility available
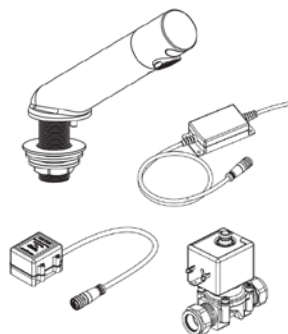
Each kit c/w:

1 x pre-wired Sensor Tap fitted with 5 Lpm flow regulator (lower flow rates available if specified),

1 x 15mm Solenoid Valve 0.75 bar – 10 bar (low pressure 0 bar – 1.5 bar maximum available if specified)

1 x pre-wired 6v PSU or pre-wired Battery Pack.

Panel Mounted Brushed Stainless Steel Sensor Tap Kits

"Special-build" two tone c/w PVD charcoal black body
(200mm spout projection)

Panel Mounted Sensor Tap
(150mm spout projection)

Mains Powered: **SSTW-M/150mm**

Battery Powered: **SSTW-B/150mm**

Panel Mounted Sensor Tap
(200mm spout projection)

Mains Powered: **SSTW-M/200mm**

Battery Powered: **SSTW-B/200mm**

Panel Mounted Sensor Tap
(250mm spout projection)

Mains Powered: **SSTW-M/250mm**

Battery Powered: **SSTW-B/250mm**

Basin/Deck Mounted Sensor Tap Kits

Highneck Sensor Tap
Chrome finish (for vessel basins)

Mains Powered: **CPTHN-M**
Battery Powered: **CPTHN-B**

Highneck Sensor Tap
Brushed steel (for vessel basins)

Mains Powered: **SSHN-M**
Battery Powered: **SSHN-B**

Shortneck Sensor Tap
Chrome finish

Mains Powered: **CPTSN-M**
Battery Powered: **CPTSN-B**

Shortneck Sensor Tap
Brushed steel finish

Mains Powered: **SSSN-M**
Battery Powered: **SSSN-B**

Sensor Tap
Chrome finish

Mains Powered: **CMT-M**
Battery Powered: **CMT-B**

45° Spout Projection Sensor Tap
Brushed steel finish

Mains Powered: **SS45-M**
Battery Powered: **SS45-B**

Sensor Tap
Chrome finish

Mains Powered: **CSN-M**
Battery Powered: **CSN-B**

32° Spout Projection Sensor Tap
Brushed steel finish

Mains Powered: **SS32-M**
Battery Powered: **SS32-B**

For additional information visit:
robertpearson.co.uk/products/sensor-taps/

Black Tap Spouts

TECHNICAL DATA
Operating pressure .... 5 Bar maximum
Max Inlet temp .... 65 ºC
Finish .... Powder coated
Standard flow reg. .... 3.8 Lpm
Optional flow reg. .... 1.9, 5, 6 or 8 Lpm

Optional unrestricted insert for very low water applications on request

Other RAL colours available

Black panel-mounted spout
Order Code: **MB3TS-PM**

Black deck/basin-mounted spout
Order Code: **MB3TS-DM**

Chrome Tap Spouts

TECHNICAL DATA
Operating pressure .... 5 Bar maximum
Max Inlet temp .... 65 ºC
Finish .... Chrome
Standard flow reg. .... 3.8 Lpm
Optional flow reg. .... 1.9, 5, 6 or 8 Lpm

Optional unrestricted insert for very low water applications on request

Chrome panel-mounted spout
Order Code: **CTS-PM**

Chrome deck/basin-mounted spout
Order Code: **CTS-DM**

Panel-mounted Stainless Steel Tap Spouts

TECHNICAL DATA
Spout projection .... 200mm (approx.)
Standard flow reg. .... 5 Lpm

Spout with 60º water oulet end
Order Code: **EZ-SS-60**

Spout with 90º water oulet end
Order Code: **EZ-SS-90**

TECHNICAL DATA
Spout projection .... 200mm (approx.)
Standard flow reg. .... Unrestricted

"Twist-and-Lock" function: can be used in any application, but designed specifically for **healthcare environments** as the spout can quickly and easily be removed by the building manager for cleaning, ensuring minimal downtime.

Spout with 60º water oulet end
Order Code: **SSEZ-60-Healthcare**

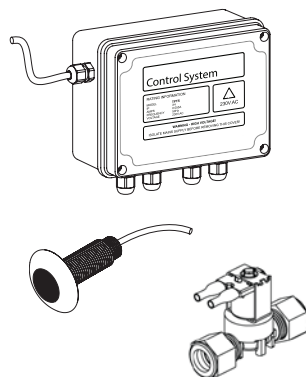**Spout with 90º water oulet end**
Order Code: **SSEZ-90-Healthcare**

"No-Touch" Sensor Kits for your Tap Spouts

- Optional automatic purge facility available to flush taps that have not been used for long periods.
- Optional lock out facility also available on mains powered kits.

This could be your own spout

Our sensor

Control System

Water Pressure – Battery powered

Standard pressure valves 0.75 bar – 10 bar

Low pressure valves 0 bar – 1.5 bar maximum (replace HP with LP in order code)

Very low pressure valves 0 bar – 0.5 bar maximum (replace HP with VLP in order code)

Water Pressure – Mains powered

Standard pressure valves 0.5 bar – 6 bar

Low pressure valves 0 bar – 0.5 bar maximum replace HP with LP in order code.

Each 1 Tap Sensor kit c/w 1 x Control Box, 1 x pre-wired Solenoid Valve, 1 x pre-wired Sensor.

Each 2 Tap Sensor kit c/w 1 x Control Box, 2 x pre-wired Solenoid Valve, 2 x pre-wired Sensor.

TPTS model Black Tap Sensor kits

Battery-powered

Order Code:
TPTS-B/HP/MB3/1 Tap Sensor kit

Order Code:
TPTS-B/HP/MB3/2 Tap Sensor kit

Other RAL colours available

Mains-powered

Order Code:
TPTS-M/HP/MB3/1 Tap Sensor kit

Order Code:
TPTS-M/HP/MB3/2 Tap Sensor kit

Other RAL colours available

TPTS model Chrome Tap Sensor kits

Battery-powered

Order Code:
TPTS-B/HP/CHR/1 Tap Sensor kit

Order Code:
TPTS-B/HP/CHR/2 Tap Sensor kit

Mains-powered

Order Code:
TPTS-M/HP/CHR/1 Tap Sensor kit

Order Code:
TPTS-M/HP/CHR/2 Tap Sensor kit

For additional information visit:
robertpearson.co.uk/products/tap-sensor-controls/

TPTS model Brushed Stainless Steel Tap Sensor kits
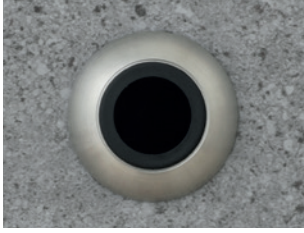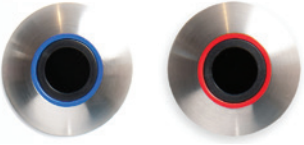

Battery-powered

Order Code:
TPTS-B/HP/SS/1 Tap Sensor kit

Order Code:
TPTS-B/HP/SS/2 Tap Sensor kit

Mains-powered

Order Code:
TPTS-M/HP/SS/1 Tap Sensor kit

Order Code:

For applications that require separate hot and cold supplies use colour coded AV sensors
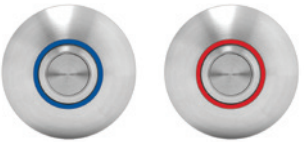

Battery-powered

Order Code:
TPTS-B/HP/2 Tap AV Sensor kit

Mains-powered

Order Code:
TPTS-M/HP/2 Tap AV Sensor kit

Touchpad Switch Kits for your Tap Spouts

Lightly press the touchpad switch to turn the water on

Battery-powered

Order Code:
TPTS-B/HP/1 Tap Touchpad kit

Order Code:
**TPTS-B/HP/2 Tap Touchpad kit**

Mains-powered

Order Code:
TPTS-M/HP/1 Tap Touchpad kit

Order Code:
TPTS-M/HP/2 Tap Touchpad kit

Programmable Tap Sensor Kits for your Tap Spouts

Simply put your hand within the sensing range to activate the water

Each kit comes with 1 x pre-wired Programmable Sensor, 1 x pre-wired Solenoid Valve and 1 x pre-wired 6vPSU or pre-wired battery pack.
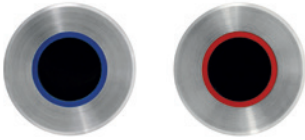
This could be your own spout

Our sensor
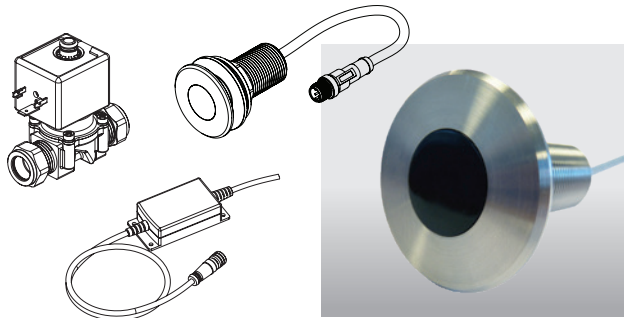
Programmable Steel Sensor Kit
Mains Order Code: **PsensT-M**
Battery Order Code: **PsensT-B**

For additional information visit:
robertpearson.co.uk/products/programmable-sensors/

For separate hot and cold supplies per basin use special colour coded Tap Sensors

Battery-powered

Blue Insert (Cold) Tap Sensor Kit
Order Code: **PsensT(B)-B**

Red Insert (Hot) Tap Sensor Kit
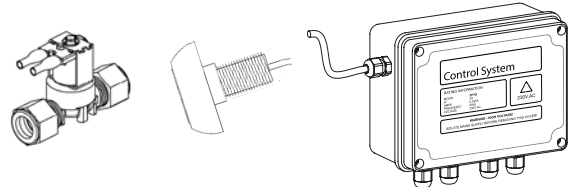Order Code: **PsensT(R)-B**

Mains-powered 2 Tap Kit

Red + Blue Inserts 2 Tap Sensor Kit
PsensT(R+B)-M / 2 Tap Kit

Kit c/w: 2 x Programmable Sensors, 2 x Pre-wired 15mm Solenoid Valves, 1 x Pre-wired 6V PSU, 1 x Y-Connector

"No-Touch" Sensor Kits for Shower Heads and Bath Spouts

Waterproof brushed stainless steel bath/shower sensor c/w 8 metre cable

This could be your own shower head

Our sensor

Each 1 Shower/Bath Sensor kit c/w 1 x Control Box, 1 x pre-wired Solenoid Valve, 1 x pre-wired Waterproof Sensor.

Each 2 Shower Sensor kit c/w 1 x Control Box, 2 x pre-wired Solenoid Valve, 2 x pre-wired Waterproof Sensor.

Battery-powered

Shower Order Codes:
TPTS-B/HP/1 Shower Sensor kit
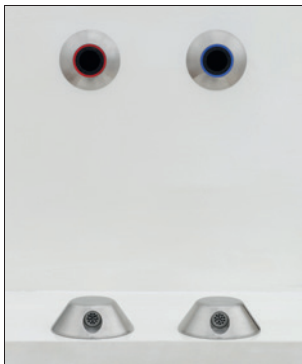**TPTS-B/HP/2 Shower Sensor kit**

Bath Order Code:
TPTS-B/HP/1 Bath Sensor kit

Mains-powered

Shower Order Codes:
TPTS-M/HP/1 Shower Sensor kit
TPTS-M/HP/2 Shower Sensor kit

Bath Order Code:
TPTS-M/HP/1 Bath Sensor kit

For separate hot and cold supplies to your bath tub use colour coded AV Bath Sensors

Battery-powered

Order Codes:
TPTS-B/HP/1 Bath AV Sensor Kit

TPTS-B/HP/2 Bath AV Sensor Kit

Mains-powered

Order Codes:
TPTS-M/HP/1 Bath AV Sensor Kit

TPTS-M/HP/2 Bath AV Sensor Kit

Each 1 Bath AV Sensor kit c/w 1 x Control Box, 1 x pre-wired Solenoid Valve, 1 x pre-wired AV Sensor (specify colour).

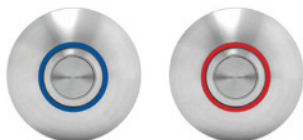*Each 2 Bath AV Sensor kit c/w 1 x Control Box, 2 x pre-wired Solenoid Valve, 2 x pre-wired Sensor (1 red, 1 blue).*

For additional information visit:
robertpearson.co.uk/products/shower-and-bath-sensor-controls/

Touchpad Switch Kits for your Bath

Battery-powered

Order Code:
TPTS-B/HP/1 Bath Touchpad kit

Order Code:
TPTS-B/HP/2 Bath Touchpad kit

Mains-powered
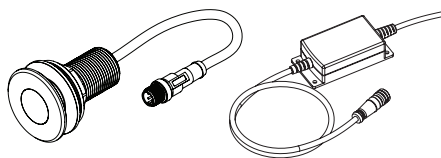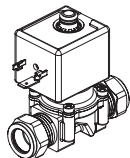
Order Code:
TPTS-M/HP/1 Bath Touchpad kit

Order Code:
TPTS-M/HP/2 Bath Touchpad kit

Programmable Shower and Bath Sensor Kits

Simply put your hand within the sensing range to activate the water

Each kit comes with 1 x pre-wired Programmable Sensor, 1 x pre-wired Solenoid Valve and 1 x pre-wired 6vPSU or pre-wired battery pack.

Our sensor

Battery-powered

Shower Sensor Kit Order Code:
PsensS-B

Bath Sensor Kit Order Code:
PsensB-B

Mains-powered

Shower Sensor Kit Order Code:
PsensS-M

Bath Sensor Kit Order Code:
PsensB-M

Thermostatic Mixing Valves

Delivers safe, blended hot water to taps, bidets and other water outlets

Order Codes:

15mm TMV3
Order Code: **RP/TMV3/15**

22mm TMV3
Order Code: **RP/TMV3/22**

15mm c/w MX service valve
Order Code: **RP/TMV3/MX/15**

22mm c/w MX service valve
Order Code: **RP/TMV3/MX/22**

All c/w Strainers and Check Valves

Available option 1
c/w Compression Top Connectors

Available option 2
c/w Test Points
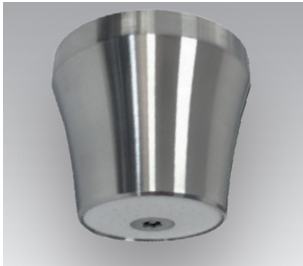
Anti-ligature Taps and Showerheads

Use our TPTS remote "no-touch" sensor kits to control the water flow automatically

Basin/Deck Mounted Anti-Ligature Tap Spout

Order Code: **ALN-DM(v2)**

Ceiling Mounted Anti-ligature Shower Head

Order Code:
ALCMSH-PM(v2)

For additional information visit:
robertpearson.co.uk/products/anti-ligature-taps/

Vandal Resistant Taps and Showerheads

Use our TPTS remote "no-touch" sensor kits to control the water flow automatically

Panel Mounted Tap Spout

Order Code: **VRTS-PM**

Panel Mounted Spout

Order Codes:
VRBS-PM   Bath Spout
VRBS(Tap)-PM   Tap Spout

Panel Mounted Shower Head

Order Code: **VRSH-PM**

High Security Sanitaryware

Order Code: **HSFP**
Floor standing WC Pan

Order Code: **HSFP-Blue Gel**
Floor standing Blue Gel WC Pan

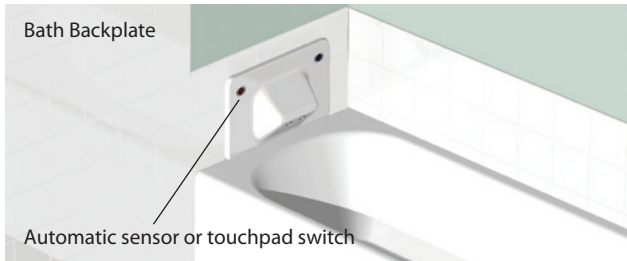Order Code: **HSWP**
Wall hung WC Pan

Order Code: **HSWHB-INT**
High Security Integrated Basin & Backplate

Order Code: **HSWHB-ST-INT**
High Security Integrated Single Tap Basin & Backplate

Order Code: **HSBP-BASIN**
Remote Backplate for Basin

Bath Backplate

Automatic sensor or touchpad switch

Order Code: **HSBP-BATH**
Remote Backplate for Bath

Anti-ligature Sensors or Touchpads for High Security Basin & Backplates

These TPTS sensors or touchpad switches fit into the backplate

No Touch Sensors

Touchpad Switches

For additional information visit:
robertpearson.co.uk/products/security-sanitaryware/

Hydroflow Water Conditioners

- No plumbing, maintenance or chemicals required
- Improve energy efficiency on hot water heating systems and prolong the life of plumbing equipment in hard water areas
- Help remove existing scale build-up – just 3mm of limescale can add 20% to your heating bills!
- Commercial Units available for pipe sizes up to 200mm outside diameter. We can custom build models to suit any larger size pipe

Domestic Unit

Order Code: **HS38**

Domestic/Light Commercial
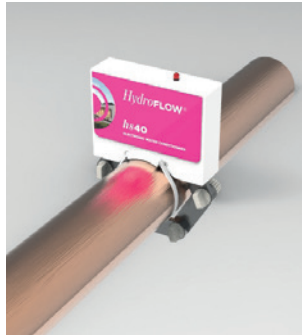
For additional information visit: robertpearson.co.uk/products/limescale-control/
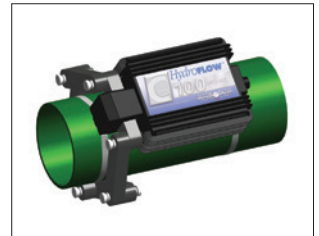
Order Code: **HS40**

Commercial Units

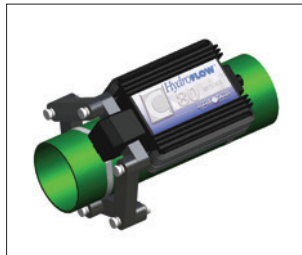Order Code: **C32**

Order Code: **C40**

Order Code: **C50**

Order Code: **C65**

Order Code: **C80**

Order Code: **C100**

Order Code: **C125**

Swipe Type "No-Touch" Sensor WC Flushvalves

Up to 50% water savings compared to some conventional siphonic flushing systems

*Each kit comes with 1 x pre-wired Flushing Valve,
1 x Control Box and 1 x pre-wired Sensor.*

Discreet sensor
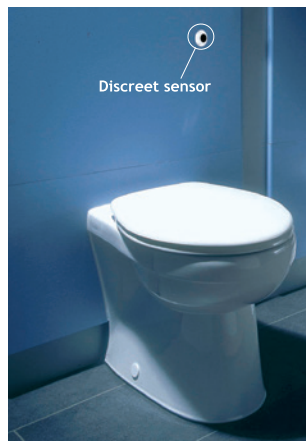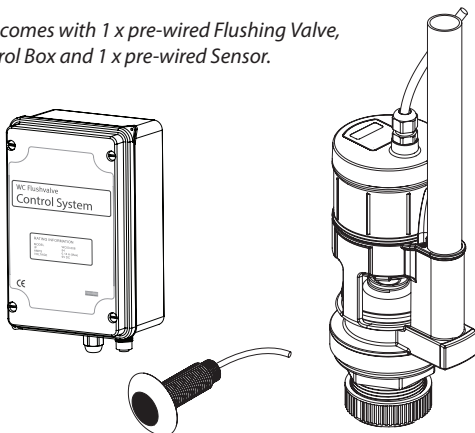
38mm Chrome Bezel Kit

Mains Powered Order Code:
WCFV-io
Battery Powered Order Code:
WCFV-B

38mm Stainless Steel Bezel Kit

Mains Powered Order Code:
WCFV-io-SS
Battery Powered Order Code:
WCFV-B-SS

38mm Matt Black 3 Bezel Kit

Mains Powered Order Code:
WCFV-io-PCMB3
Battery Powered Order Code:
WCFV-B-PCMB3

Other RAL colours available

50mm Chrome Bezel Kit

Mains Powered Order Code:
WCFV-io (50)
Battery Powered Order Code:
WCFV-B (50)

50mm Stainless Steel Bezel Kit

Mains Powered Order Code:
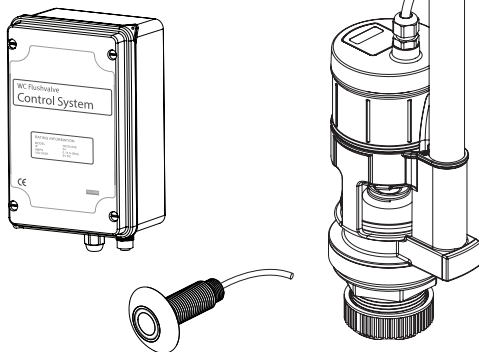**WCFV-io-SS (50)**
Battery Powered Order Code:
WCFV-B-SS (50)

For additional information visit:
robertpearson.co.uk/products/sensor-wc-flush/

Electronic Touchpad WC Flushvalves

*Each kit comes with 1 x pre-wired Flushing Valve,
1 x Control Box and 1 x pre-wired Touchpad.*

WC Flushvalve
Control System

50mm Stainless Steel Touchpad Kit

Mains Powered Order Code:
WCFV-io-TPS

Battery Powered Order Code:
WCFV-B-TPS

Programmable "Auto" Sensor WC Flushvalves

Automatically flushes WC when person moves away

Our sensor

*Each kit comes with 1 x pre-wired Flushing Valve,
1 x Control Box and 1 x pre-wired Programmable Sensor.*

WC Flushvalve
Control System
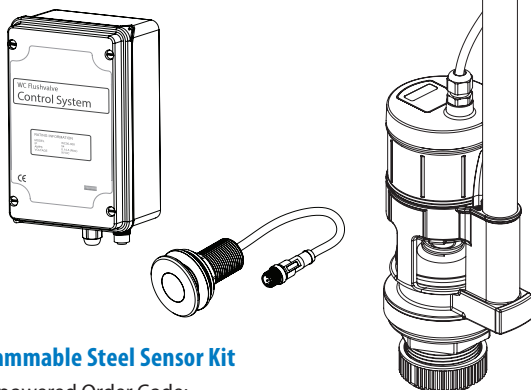
Programmable Steel Sensor Kit

Mains powered Order Code:
PsensWC-AUTO-M

Battery powered Order Code:
PsensWC-AUTO-B

For additional information visit:
robertpearson.co.uk/products/programmable-sensors/

Automatic Sensor Operated Urinal Flushvalves

Each kit comes with 1 x pre-wired Solenoid Valve, 1 x Control Box and 1 x pre-wired Sensor.

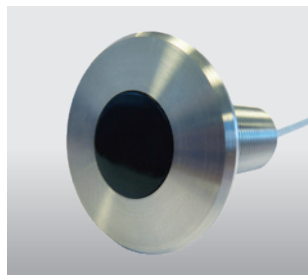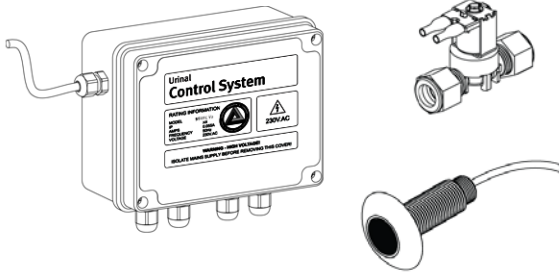### 50mm Stainless Steel Bezel Kit

Order Code: Standard HP 0.5 Bar - 6 Bar
SBUFC(V2)-M/HP/SS

Order Code: Optional LP 0 Bar - 0.5 Bar max
SBUFC(V2)-M/LP/SS
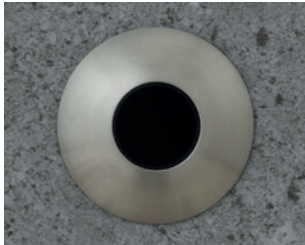
50mm Chrome Bezel Kit

Order Code: Standard HP 0.5 Bar - 6 Bar
SBUFC(V2)-M/HP/CHROME

Order Code: Optional LP 0 Bar - 0.5 Bar max
SBUFC(V2)-M/LP/CHROME
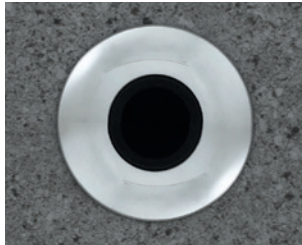
50mm Matt Black 3 Bezel Kit

Order Code: Standard HP 0.5 Bar - 6 Bar
SBUFC(V2)-M/HP/PCMB3

Order Code: Optional LP 0 Bar - 0.5 Bar max
SBUFC(V2)-M/LP/PCMB3

Other RAL colours available

36mm Flat Steel Bezel Kit

Order Code: Standard HP 0.5 Bar - 6 Bar
SBUFC(V2)-M/HP/36mm

Order Code: Optional LP 0 Bar - 0.5 Bar max
SBUFC(V2)-M/LP/36mm

For additional information visit:
robertpearson.co.uk/products/urinal-flushvalves/

Programmable Sensor Operated Urinal Flushvalves

Our sensor

Each kit comes with 1 x pre-wired Programmable Sensor, 1 x pre-wired Solenoid Valve and 1 x pre-wired 6vPSU.

Programmable Steel Sensor Kit

Mains Order Code: **PsensU-M**

For additional information visit:
robertpearson.co.uk/products/programmable-sensors/

PIR Urinal Flush Controls

Each kit comes with PIR Sensor, Solenoid Valve and 6v Transformer or Battery Pack.
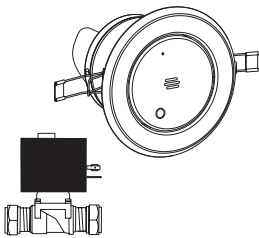
Ceiling Surface Mounted PIR

Mains Powered Order Code: **FMM**
Battery Powered Order Code: **FMB**

For additional information visit:
robertpearson.co.uk/products/pir-urinal-controls/

Ceiling Recessed PIR (80mm dia)

Mains Powered Order Code: **PDLM**
Battery Powered Order Code: **PDLB**

Ceiling Recessed PIR (128mm dia)

Mains Powered Order Code: **DLM**
Battery Powered Order Code: **DLB**

Proximity Detection Shut Off Valves

The Problem: Leaking and damaged ball valves and taps *etc*. are not only an expensive waste of water, but also pose a risk of serious damage from flooding.

The Solution: When the PIR switch detects that the room is occupied, it will automatically turn the water supply and lights *etc*. "ON" so the appliances work as normal.

PIR Occupancy Switches

Turns lights/valves *etc*. ON only when the room is occupied. Up to 70% energy savings

- Will switch any lighting load up to 6amps or 1500w or any motor load up to 1amp or 250w
- Adjustable time overrun from 10 seconds to 40 minutes—adjustable "Lux" sensor

Ceiling Recessed PIR Switch
Order Code: **PIR/D/REC**

Ceiling Mounted PIR Switch
Order Code: **PIR/D/SM**

Wall Mounted PIR Switch
Order Code: **PIR/D/WM**

Normally Closed WRAS Solenoid Valves

Water saving. Can help achieve BREEAM Wat 4 credits

- 230v standard (optional 12v and 24v on request)
- ½" – 2" size valves available
- Optional valves with manual override
- Optional **normally open valves** also available (need to be controlled by remote switch rather than PIR)

Magnetic Valve Opener

- Allows you to temporarily energise the solenoid vave
- Available in 3 sizes for ½" – 2" size valves

For additional information visit:
robertpearson.co.uk/products/water-shut-off-valves/

Actuated Valves

Actuated Failsafe Open/Failsafe Close WRAS Butterfly Valves

Our failsafe actuator uses an internal capacitor to achieve 'Failsafe' functionality on loss of power.

Failsafe Close: The actuator powers **Open** the valve and then on removing power, the capacitor will return the valve to the **Failsafe Close** position.

Failsafe Open: The actuator powers **Close** the valve and then on removing power, the capacitor will return the valve to the **Failsafe Open** position.

• Power Open / Power Close option available

• 230v standard (optional 12v and 24v on request)

• 2" – 16" size WRAS Butterfly Valves

• Lugged or Wafer WRAS Butterfly Valve options

Actuated Failsafe Open/Failsafe Close WRAS Ball Valves

Our failsafe actuator uses an internal capacitor to achieve 'Failsafe' functionality on loss of power.

Failsafe Close: The actuator powers **Open** the valve and then on removing power, the capacitor will return the valve to the **Failsafe Close** position.

Failsafe Open: The actuator powers **Close** the valve and then on removing power, the capacitor will return the valve to the **Failsafe Open** position.

• Power Open / Power Close option available

• 230v standard (optional 12v and 24v on request)

• ½" – 2" size WRAS Ball Valves available

Actuated Failsafe Open/Failsafe Close Ball Valves

Our failsafe actuator uses an internal capacitor to achieve 'Failsafe' functionality on loss of power.

Failsafe Close: The actuator powers **Open** the valve and then on removing power, the capacitor will return the valve to the **Failsafe Close** position.

Failsafe Open: The actuator powers **Close** the valve and then on removing power, the capacitor will return the valve to the **Failsafe Open** position.

• Power Open / Power Close option available

• 230v standard (optional 12v and 24v on request)

• ½" – 4" size Ball Valves available

For additional information visit:
robertpearson.co.uk/products/actuated-valves/

Projects carried out in 2018 include:

Restaurants / Bars / Clubs
Nandos
McDonalds
Zizzi
Wahaca
Five Guys
Belushis

Offices
The Gherkin (London)
Goldman Sachs (HQ) (London)
Blackrock UK (HQ) (London)
Verde Building (London)
Southbank Place (London)
Economist Plaza (London)
Chubb Building (London)
Abcam HQ (Cambridge)
IBM (Warwick)
"Can of Ham" (London)
100 Bishopsgate (London)
1 Bank Street (Canary Wharf)
Kings Cross R1 (London)
Soho House (London)
Google (London)

Factories / Industrial
ABP Food Group (Ireland)
Gs Fresh Beetroot (Norfolk)
LSH Mercedes (Birmingham)

Arts / Entertainment
BBC
Tricycle Theatre (London)

Empire Cinema (Hemel Hempstead)
V&A Museum (Dundee)
Bristol Old Vic
Theatre Royal Stratford East

Sports Centres
Twickenham Stadium
All England Lawn Tennis Club
Beacon of Light (Sunderland)
Brackley Leisure Centre
The Hive Leisure Centre (Ely)
Tottenham Hotspur Training Ground
Grasshoppers Rugby Football Club

Hotels
Strand Palace Hotel (London)
The Lensbury (Teddington)
Crown Plaza (Nottingham)
Hampton by Hilton (Belfast)
One Bishopsgate Plaza (London)
Hoxton Hotel (London)
Sandford Springs Hotel & Golf Club

Education
Tinbergen Building (Oxford Uni)
Oxstalls Campus (Gloucester Uni)
Fry Building (Bristol University)
Francis Holland School (London)
Riverside School (Goole)
Harris Academy (Dundee)
Park Spring School (Leeds)
Greenford High School
Garth Hill College (Bracknell)

University College School (London)
University of Warwick
Tonbridge School
Heriot Watt University (Edinburgh)

Hospitals / Healthcare
Cheswold Park Hospital (Doncaster)
St John of God`s Hospital (Dublin)
Priory Hospital Group
Sturdee Community Hospital
NUA Healthcare (Ireland)
Oak Tree Manor (Tendering)
East Lothian Community Hospital

Government
Dundee City Council
Royal Parks (London)
Horne Army Barracks (Larkhill)
DNRC, Stanford Hall (Leics)
MOD (London)
MOD RAF Marham (Norfolk)
Middlesbrough Town Hall
Charing Cross Police Station

Retail
Westfield Shopping Centres
Marks & Spencers
Aldi (HQ) (Atherstone

Transport
Network Rail
Shannon Airport (Ireland)
Wigan Bus Station

ROBERT PEARSON & COMPANY LTD