

# Product Range Catalogue



**DUDLEY**  
TD Thomas Dudley Ltd.

March 2010

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## Welcome to Thomas Dudley Ltd Bathroom Products

Founded in 1920, Thomas Dudley Ltd has established a reputation for manufacturing high quality products that are both innovative and extremely reliable.

Over the years, our pro-active and focused approach to research and development has seen the introduction of many ground breaking products.

Today, this commitment is as strong as ever, resulting in the continued introduction of new products that challenge conventional thinking.

**NEW**

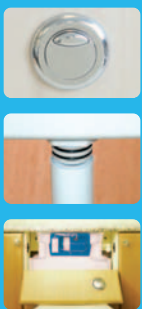
Miniflo concealed cistern that's been developed to meet the requirements of today and the future.



See page  
16

**NEW**

Features and options for the Vantage concealed cistern including the small DIO pneumatic button, push-fit flushbend and Dudley Panfan® odour extracting fan.

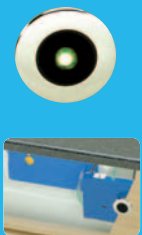


See page  
18

**NEW**

Electroflo hygienic touch-free flushing for the Vantage cistern.

Provides water saving dualflush through a single, stylish infra-red sensor.



See page  
20

**NEW**

Electroflo electronic taps and urinal flushing controls for hygienic touch-free operation.



See page  
40

As a result, the Dudley range provides a unique blend of tried and tested, established products and those that set the latest standards in innovative design.

The Dudley brand has always been synonymous with quality. New or old, every Dudley product is made to the same high standards, undergoing rigorous and exhaustive testing using our in-house laboratory and life cycle testing facilities.

This means that when they are installed, durability and reliability come as standard.

Our Bathroom Products Catalogue has been designed to help you locate the products you need as quickly and easily as possible.

However, if you cannot find what you are looking for, please call us on 0121 530 7000 – we'll be happy to help.

Thomas Dudley is a quality assured company having gained certification in:

- OHSAS 18001 (Health & Safety Management Systems)
- BS EN ISO 14001 (Environmental Management Systems)
- BS EN ISO 9001 (Quality Management Systems)

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# DUDLEY ACCLAIM®

Water Efficiency Rating		INDEPENDENT FLUSH CISTERNS
Cistern average flush volumes (litres)	Water Use	This Product
3.5 or less		
4.5 or less		
5.5 or less		
6 or less		
Greater than 6		

www.water-efficiencylabel.org.uk

Low level only



## Product Description

With its unique, contemporary styling the Dudley Acclaim is a white plastic WC cistern that is perfect for use in domestic and commercial applications.

The lever operated Acclaim 'S' (main photograph above) is fitted with a convertible syphon for 6/7/9 litre flushing.

### DUDLEY Duoflush

A one piece Dudley Duoflush syphon is supplied as standard.

A 2-part Dudley Turbo 88 Duoflush syphon, which can be serviced in under five minutes, is available as an optional extra. Both syphons provide full and water-saving reduced flushing in low level installations\*.



The push button operated Acclaim 'V' (inset 2) comes with a Dudley Niagara flush valve for dualflush 6/4 litre flushing.

## Uses

With a combination of affordability, reliability and style, the Acclaim is widely used in new build public sector housing applications and the commercial sector where a more fashionable bathroom appearance is required.

The Acclaim 'S' can be installed at high and low level whilst the 'V' is suitable for low level applications.

Both cisterns can be easily screwed directly to most materials and provide installer-friendly and highly cost effective solutions.

An automatic version (inset 3) is available in 4.5 or 9 litre capacities for use with commercial urinals.

\*When fitted in accordance with the Water Supply Regulations 1999.

## Special Features

Sporting an attractively modern design, the Acclaim will enhance any bathroom or washroom.

The Acclaim 'S' comes with a white lever as standard, whilst a chrome plated lever is available as an optional extra for that perfect finishing touch. The Acclaim 'V' is supplied with a chrome plated top push button. A gold-effect finish is also available.

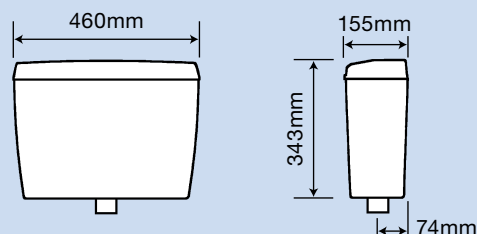
Both the Acclaim 'S' and 'V' are fitted with a 13mm (1/2") float valve, side connections and an internal/external overflow warning pipe.

A quiet Dudley Hydroflo equilibrium float valve can be supplied as an optional extra. Each Hydroflo valve comes with a lay flat silence tube for extremely quiet filling and a unique key for simple and safe removal of the filter.



## Technical Information

- Saves water - Dualflush supplied as standard
- Constructed from high-impact polystyrene
- Internal/external overflow warning pipe
- Side connections standard, bottom optional
- 356 x 229mm flushbend
- Secure screw fixing lid
- <sup>0</sup>Internal parts comply with the Regulator's Specification



# DUDLEY Diplomat™

Water Efficiency Rating		
Water Use	Water Use	This Product
3.5 or less	3.5 or less	3.5 or less
4.5 or less	4.5 or less	4.5 or less
5.5 or less	5.5 or less	5.5 or less
6 or less	6 or less	6 or less
Greater than 6	Greater than 6	Greater than 6

Water Efficiency Rating  
INDEPENDENT FLUSH CISTERNS  
Cistern average flush volumes (litres)  
www.water-efficiencylabel.org.uk



## Product Description

Available in white, black and a range of colours, the Dudley Diplomat is a traditionally styled plastic cistern that is ideal for use in domestic housing, local authority and commercial applications.

The Diplomat is a lever or chain pull operated cistern fitted with a convertible syphon for 6/7/9 litre flushing.

### DUDLEY Duoflush

A one piece Dudley Duoflush syphon is supplied as standard.

A 2-part Dudley Turbo 88 Duoflush syphon, which can be serviced in under five minutes, is available as an optional extra. Both syphons provide full and water-saving reduced flushing in low level installations\*.



## Uses

Wherever traditional plastic cisterns are required, the Diplomat provides a proven, reliable solution and is widely specified for refurbishment/replacement purposes.

The Diplomat can be installed with confidence at low level (main photograph above) or high level (inset 2). The cistern is also ideal for use in close-coupled installations.

It can be easily screwed directly to most materials and provides an installer-friendly and extremely reliable solution. Combined affordability and reliability have made the Diplomat particularly popular in public sector housing and commercial applications. For an automatic version, please refer to the Dudley 'D' Auto on page 12.

## Special Features

The Diplomat is fitted with a 13mm (1/2") float valve, side connections and an internal/external overflow warning pipe.

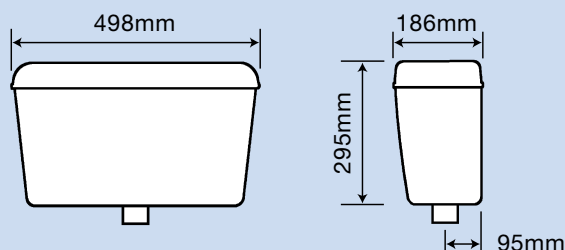
Black and white low level models come with a white lever as standard. A chrome plated lever is also available which is supplied as standard with all coloured cisterns.

A quiet Dudley Hydroflo equilibrium float valve is available as an optional extra. Each Hydroflo valve comes with a lay flat silence tube and a unique key for simple and safe removal of the filter.



## Technical Information

- Saves water - Dualflush supplied as standard
- Constructed from high-impact polystyrene
- Internal/external overflow warning pipe
- Side connections standard, bottom optional
- 356 x 229mm flushbend
- Secure screw fixing lid
- \*Internal parts comply with the Regulator's Specification



\*When fitted in accordance with the Water Supply Regulations 1999.

**DUDLEY****ELITE™**

Water Efficiency Rating		
Water Efficiency Rating	INDEPENDENT FLUSH CISTERNS	Water Use
3.5 or less	Green	
4.5 or less	Light Green	
5.5 or less	Yellow	
6 or less	Orange	
Greater than 6	Red	

Water Efficiency Rating  
www.water-efficiency-label.org.uk



1



2

Cistern projects just 140mm from wall

**Product Description**

With its classic lines and elegant styling, the Dudley Elite is a traditionally designed plastic WC cistern. Available in white and a range of colours, it is ideal for use in domestic housing, local authority and commercial applications.

The Elite, which boasts well over a million successful installations, has a very low profile body projecting just 140mm from the wall (inset 2). This makes it the ideal choice when space is at a premium. The lever operated cistern is fitted with a convertible syphon for 6/7/9 litre flushing that complies with the Regulator's Specification.

**DUDLEY Duoflush**

A one piece Dudley Duoflush syphon is supplied as standard.

A 2-part Dudley Turbo 88 Duoflush syphon, which can be serviced in under five minutes, is available as an optional extra. Both syphons provide full and water-saving reduced flushing in low level installations\*.

**Uses**

The distinctive shape of the Elite enhances any bathroom or washroom.

The cistern's proven design and exceptional reliability make it perfect for both new applications and the refurbishment/replacement market. The Elite is used extensively in public sector housing and the commercial sector.

It can be installed at low level or close coupled with confidence.

\*When fitted in accordance with the Water Supply Regulations 1999.

**Special Features**

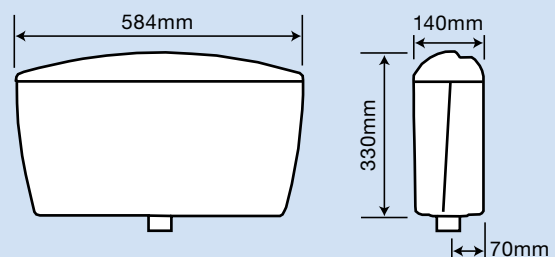
The cistern is fitted with a 13mm (½") float valve, side connections and an internal/external overflow warning pipe.

White models come with a white lever as standard. A chrome plated lever is also available which is supplied as standard with all coloured cisterns.

A quiet Dudley Hydroflo equilibrium float valve is available as an optional extra. Each Hydroflo valve comes with a lay flat silence tube and a unique key for simple and safe removal of the filter.

**Technical Information**

- Saves water - Dualflush supplied as standard
- Low profile body projects just 140mm from wall
- Constructed from high-impact polystyrene
- Internal/external overflow warning pipe
- Side connections standard, bottom optional
- 356 x 229mm flushbend
- Secure screw fixing lid
- Internal parts comply with the Regulator's Specification



# DUDLEY slimline™

Water Efficiency Rating	
INDEPENDENT FLUSH CISTERNS	Water Use
Cistern average flush volumes (litres)	This Product
3.5 or less	
4.5 or less	
5.5 or less	
6 or less	
Greater than 6	

www.water-efficiency-label.org.uk



1

2

## Product Description

Available in white, black and a range of colours, the Dudley Slimline is an extremely versatile and attractively styled plastic WC cistern that is perfect for domestic housing, local authority and commercial use.

The Slimline is lever or chain pull operated and is fitted with a convertible syphon for 6/7/9 litre flushing that complies with the Regulator's Specification.

### DUDLEY Duoflush

A one piece Dudley Duoflush syphon is supplied as standard.

A 2-part Dudley Turbo 88 Duoflush syphon, which can be serviced in under five minutes, is available as an optional extra. Both syphons provide full and water-saving reduced flushing in low level installations\*.



## Uses

The Slimline provides a proven, installer-friendly solution to most commercial and domestic applications.

It can be installed in low level (main photograph above), close-coupled and high level (inset 2 above) installations.

The cistern projects just 146mm from the wall and is ideal for use where space is restricted. The Slimline screws directly to most materials and is particularly popular in public housing and the commercial sector.

## Special Features

The Slimline is supplied with an internal/external overflow warning pipe for installation flexibility. The cistern is also fitted with side connections and a 13mm (1/2") float valve as standard.

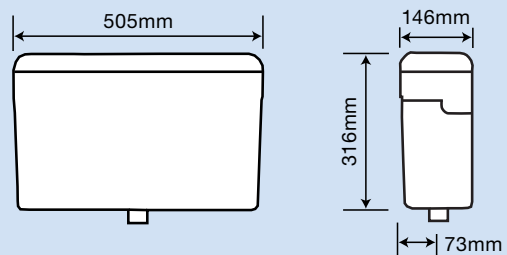
Black and white models come with a white lever as standard. A chrome plated lever is also available which is supplied as standard with all coloured cisterns.

A quiet Dudley Hydroflo equilibrium float valve is available as an optional extra. Each Hydroflo valve comes with a lay flat silence tube and a unique key for simple and safe removal of the filter.



## Technical Information

- Saves water - Dualflush supplied as standard
- Constructed from high-impact polystyrene
- Internal/external overflow warning pipe
- Side connections standard, bottom optional
- 356 x 229mm flushbend
- Secure screw fixing lid
- ◊Internal parts comply with the Regulator's Specification



\*When fitted in accordance with the Water Supply Regulations 1999.

# DUDLEY Tri-Shell TURBO™

HEAVY DUTY CISTERN WITH WATER-SAVING\*

DUDLEY Duoflush™

Water Efficiency Rating		INDEPENDENT FLUSH CISTERNS	
Cistern average flush volumes (litres)	Water Use	This Product	
5.5 or less	Green	✓	✓
4.5 or less	Light Green	✓	✓
3.5 or less	Yellow	✓	✓
3 or less	Orange	✓	✓
Greater than 3	Red	✗	✗

Source: www.water-efficiency.gov.uk



1



2



3

## Product Description

The market leading Dudley Tri-Shell is a heavy duty plastic cistern with unsurpassed strength.

With almost two million installations, the vandal resistant Tri-Shell has established an unrivalled reputation for trouble free operation whilst withstanding the hardest treatment.

An advanced manufacturing process known as sandwich foam moulding gives the cistern shell a rock hard cellular core. In addition to providing exceptional strength, this greatly reduces the cistern's weight. Furthermore, the improved insulation helps reduce surface condensation.

The cistern comes with a durable high gloss finish and is supplied with a number of vandal resistant features including a lid that is secured by metal screws and a strong metal lever or chain pull.



The Tri-Shell is fitted with a Dudley Turbo 88 2-part convertible syphon as standard. The Turbo 88 has provided reliable and efficient flushing for many years and has now been enhanced with the addition of Dudley Duoflush. This provides dualflush (full and reduced flushing) capabilities when fitted in 9, 7 and 6 litre installations\*.



## Uses

Wherever high or low level heavy duty cisterns are required, the Tri-Shell provides a proven solution.

When installed in the traditional manner at low level (main photograph above) the cistern is perfect for use in domestic bathrooms, housing developments, hotels and commercial washrooms alike. It is also widely specified in the public sector for installation into schools, hospitals, prisons, and Government establishments.

The water-saving benefits provided by the Dudley Turbo 88 Duoflush syphon make the Tri-Shell a popular choice in commercial and local authority applications where the need to reduce water consumption is becoming increasingly important.

The high level version (inset 2 above) is ideal for most applications where there may be potential for heavy wear or misuse.

An automatic Tri-Shell (inset 3 above) is available in 4.5, 9 and 13.5 litre capacities for use with commercial urinals.

With its installer friendly design, the Tri-Shell has long been the installer's preferred heavy duty cistern for both new installations and the replacement market.

\*When fitted in accordance with the Water Supply Regulations 1999



# DUDLEY Tri-Shell TURBO™

Water Efficiency Rating	
INDEPENDENT FLUSH CISTERNS	This Product
Cistern average flush volumes (litres)	
5.5 or less	✓
4.5 or less	✓
3.5 or less	✓
6 or less	✓
Greater than 6	✗

www.water-efficiency.gov.au

## HEAVY DUTY CISTERN WITH WATER-SAVING\* DUDLEY Duoflush™

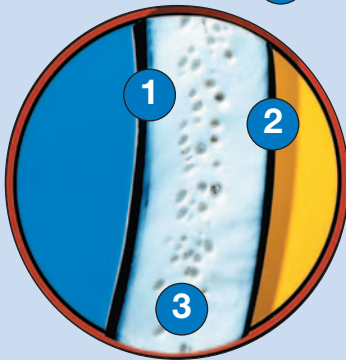
### Special Features

Exceptional durability and reliability have made the Tri-Shell the leading vandal resistant heavy duty plastic cistern.

The cistern body is made from a very hard cellular core fused between an inner and outer layer. The result is a material that gives unrivalled strength and durability.

1 Inner Layer

2 Outer Layer



3 Unique, exceptionally strong cellular core

A lid secured by metal screws and robust metal flushing lever or chain enable the cistern to be fitted with confidence into areas that are subject to vandalism.

The Tri-Shell has an aesthetically pleasing high-gloss finish. This makes it ideal for use in domestic bathrooms where appearance is often very important.



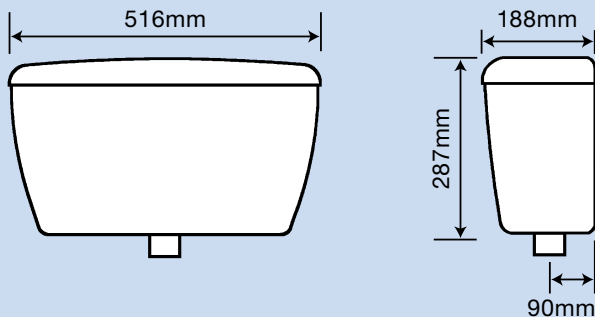
The Tri-Shell comes with an internal/external overflow warning pipe and can be supplied with side or bottom connections.

A Dudley Turbo 88 Duoflush syphon completes the package. Supplied as standard, this comes with a patented 2-part design enabling servicing to be carried out in a matter of minutes without the need to disconnect the water supply and dismantle the cistern. Furthermore, the water-saving 6/7/9 litre convertible syphon provides dualflush (full and reduced) flushing that complies with the Regulator's Specification.

A quiet Dudley Hydroflo equilibrium float valve can be supplied as an optional extra. Each Hydroflo valve comes with a lay flat silence tube for extremely quiet filling and a unique key for simple and safe removal of the filter.



### Technical Information



- Uniquely constructed cistern body for unbeatable strength and durability
- Lid held securely in place by metal screws
- Durable metal lever or chain pull
- Durable high gloss finish
- 6/7/9 litre convertible Dudley Turbo 88 Duoflush syphon as standard provides full and reduced flushing capabilities\*
- Internal/external overflow warning pipe
- Side connections as standard, optional bottom connections
- Suitable for high and low level installations (high level comes with concealed spacing brackets for use with standard flushpipe with 114mm (4½") top offset)
- Unrivalled track record with almost two million installations
- \*Internal parts comply with the Regulator's Specification



# DUDLEY Tri-Well™ TURBO®

## Well Bottom Heavy Duty Cistern



**White**  
compliments  
other washroom  
sanitaryware  
**finish**

COMPLIES WITH  
REGULATOR'S  
SPECIFICATION

1

2

### Product Description

The Dudley Tri-Well is a unique heavy duty well bottom cistern. It is available in traditional glossy black or glossy white to compliment other washroom sanitaryware.

The body of the Tri-Well is manufactured using the sandwich foam moulding process that produces the Dudley Tri-Shell, a cistern boasting almost two million successful installations. This gives unsurpassed strength and durability, enabling the Tri-Well to withstand the hardest of treatment.

Furthermore, the Tri-Well is lighter and easier to handle than traditional hard rubber alternatives, it is frost resistant and the improved insulation helps reduce surface condensation.

The cistern comes with a durable high gloss finish and is supplied with a number of vandal resistant features including a lid that is held securely in place by metal screws and a strong metal lever and chain pull. A Dudley Turbo S1-11 2-part syphon is supplied as standard and this can be serviced in around five minutes.

The Tri-Well with plastic outlet and nuts improves on the Rubber Well hard rubber cistern. It is also available with brass outlet and nuts as an optional extra, where it provides the ideal replacement for Rubberline and cast iron well bottom cisterns.

### Uses

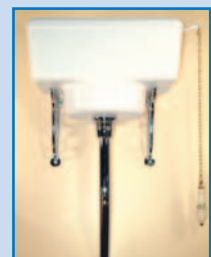
**The Tri-Well is designed to fit in the place of rubber and cast iron well bottom cisterns. Existing brackets and pipework can normally be utilised, removing the need to make costly plumbing alterations.**

It is perfect for use in domestic toilets as well as hospitals, schools, prisons, leisure centres, factories and other commercial or public washrooms that may be heavily used.

The 6/7/9 litre convertible Dudley Turbo S1-11 2-part syphon can be serviced in a matter of minutes without having to disconnect the water supply and dismantle the cistern. This is particularly beneficial in public installations where it is not practical to leave WCs out of service for long periods of time.

The Tri-Well is available from most plumbers merchants and is ideal for new installations and the replacement market.

Furthermore, the glossy finish allows the cistern to be teamed with a chrome plated flushpipe and decorative brackets for an "antique" style finish (see inset right). These can be supplied by Thomas Dudley Ltd.





# DUDLEY Tri-Well™ TURBO®

## Well Bottom Heavy Duty Cistern

### Special Features

The heavy-duty Tri-Well incorporates many vandal resistant features, making it an automatic choice for all public washrooms.

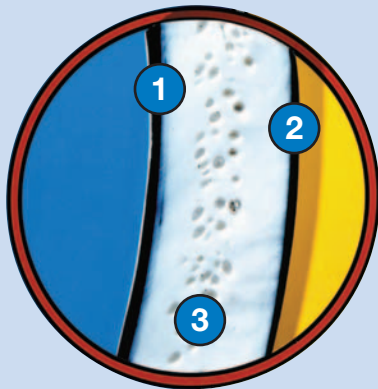
The cistern body is made from a very hard cellular core fused between an inner and outer layer. This results in a material that gives unrivalled strength and durability.

With a lid that is secured by metal screws to protect the internal components and a strong metal lever and chain pull, the cistern is ideal for applications that may be subject to vandalism.

The Tri-Well has an aesthetically pleasing and durable glossy finish. The white option now provides the opportunity to specify a well bottom cistern that matches the other sanitaryware in a washroom.

1 Inner Layer

2 Outer Layer



3 Unique, exceptionally strong cellular core

### Turbo S1-11 2-part syphon enables 5-minute servicing



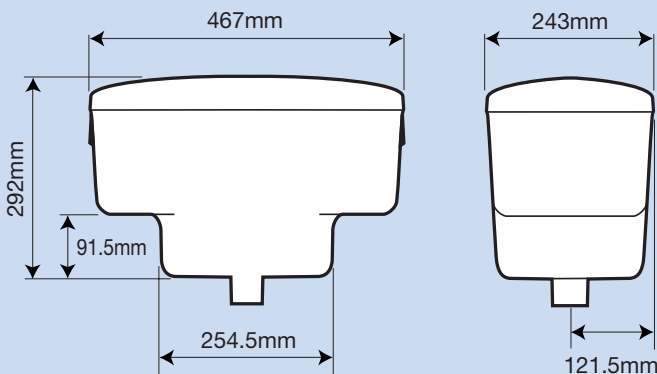
Syphon body can be removed from cistern leaving down leg in position.



Servicing can then be carried out without turning off water and dismantling cistern.



### Technical Information



- Available in white or black
- Uniquely constructed body for unbeatable strength and durability
- Frost resistant
- Lid held securely in place by metal screws
- Strong metal lever and chain pull
- Durable glossy finish
- 6/7/9 litre convertible Turbo 2-part syphon
- Internal/external overflow warning pipe
- Side connections
- Plastic outlet tail and nuts as standard (brass outlet tail and nuts available as an optional extra)
- Semi-concealed support brackets available as an optional extra
- Internal parts comply with the Regulator's Specification

# DUDLEY Automatic CISTERNS

## DUDLEY RANGE OF AUTOMATIC CISTERNS

Wherever automatic cisterns are required, the Dudley range provides an ideal solution. As with every Dudley product, our automatic cisterns undergo exhaustive and rigorous testing which means that when they are installed, reliability and durability come as standard.



1

### 1 Dudley 'D' Auto

**DUDLEY 'D'**™

#### Technical Information

- Cistern body in high-impact polystyrene
- High-gloss finish in white or black
- 4.5, 9 or 13 litre capacities
- Dimensions: 498mm (w) x 295mm (h) x 186mm (d)
- Outlet centre 93mm from wall
- Supplied with automatic syphon and petcock



2

### 2 Dudley Tri-Shell Heavy Duty Auto

**DUDLEY Tri-Shell**

#### Technical Information

- Cistern body manufactured using a unique sandwich foam moulding process making it exceptionally strong
- Ideal for areas which may be subject to vandalism
- High-gloss finish in white or black
- 4.5, 9 or 13.5 litre capacities
- Dimensions: 516mm (w) x 287mm (h) x 188mm (d)
- Outlet centre 90mm from wall
- Supplied with automatic syphon and petcock



3

### 3 Dudley Acclaim Auto

**DUDLEY ACCLAIM**®

#### Technical Information

- Cistern body in high-impact polystyrene
- High-gloss finish in white
- 4.5 or 9 litre capacities
- Dimensions: 460mm (w) x 343mm (h) x 155mm (d)
- Outlet centre 74mm from wall
- Supplied with automatic syphon and petcock



4

### 4 Dudley Mirage Concealed Auto

**DUDLEY MIRAGE**™

#### Technical Information

- Perfect for use in modern concealed washrooms
- Cistern body in high-impact polystyrene
- 4.5, 9 or 13.5 litre capacities
- Dimensions: 505mm (w) x 285mm (h) x 146mm (d)
- Outlet centre 73mm from wall
- Supplied with automatic syphon and petcock

# DUDLEY ROYAL PUSHFLO™

## concealed cistern



1



2

Button shown actual size (51mm)



3

### Product Description

The Dudley Royal Pushflo is a budget priced, push button operated concealed cistern that provides a highly cost-effective solution for larger contracts and one-off installations alike.

Constructed from high impact polystyrene, the cistern comes complete with a WRAS approved Dudley Niagara flush valve for 6 litre flushing that complies with the Regulator's Specification.

The neat 51mm diameter, single flush pneumatic button (inset 2) can be positioned up to 750mm away from the cistern.

### Uses

The Royal Pushflo can be installed with confidence behind partitions and most other low-level ducted applications.

It also fits into 500mm wide x 200mm deep fitted bathroom units. (For a solution designed specifically for fitted bathroom furniture, please refer to the Dudley Vantage concealed cistern).

The cistern can also be installed in conjunction with wall-hung WC pan supports such as the Dudley Illusion Universal (inset 3), the Dudley Illusion Compact Universal, the Dudley Illusion Freestanda and Dudley Sentinel brackets.

### Special Features

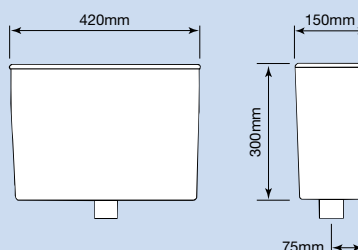
The Royal Pushflo can be simply screwed directly onto a wide range of materials. Its design also offers the flexibility of fixing to front or rear ducted walls.

A vandal resistant metal button can be supplied for use in areas that may be subject to heavy wear or misuse.

The cistern comes with an internal overflow warning pipe and can be supplied with side or bottom connections.

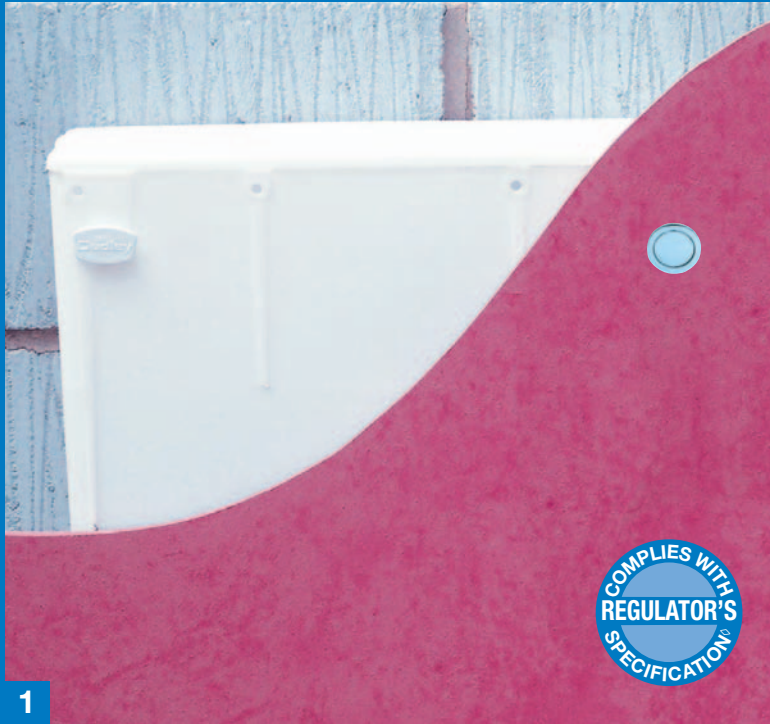
### Technical Information

- Cistern body constructed from high impact polystyrene
- Suitable for low level concealed applications
- Internal overflow warning pipe
- 390 x 260mm 90 degree tight radius flushbend
- ◊Internal parts comply with the Regulator's Specification



# DUDLEY PUSHFLO

## concealed cistern



1

COMPLIES WITH  
REGULATOR'S  
SPECIFICATION



2



3



4

### Product Description

The Dudley Pushflo is a concealed WC cistern that offers an extremely flexible solution to most installations.

The Pushflo's compact dimensions make it the ideal choice for use with wall-hung WC pan supports and other ducted specifications. It can also be easily installed into fitted bathroom furniture.

Constructed from high-impact polystyrene, the cistern comes complete with a Dudley flush valve for 6 litre flushing that complies with the Regulator's Specification.

The Pushflo is operated with a pneumatic push button that can be positioned up to 750mm away from the cistern - making it suitable for most concealed applications.

### Uses

Wherever low-level concealed WC cisterns are required, the Dudley Pushflo can be installed with confidence.

The cistern is perfect for use with wall-hung WC pan supports such as the Dudley Illusion Universal (inset 2), the Dudley Illusion Compact Universal, Illusion Freestanda (inset 3) or the Dudley Sentinel bracket (inset 4).

The Dudley Illusion Universal is a revolutionary frame for wall-hung WC pans. The Dudley Illusion Freestanda can be used where no suitable rear wall fixing is available. Both systems have a strong steel tubular section construction, adjustable floor and wall fixing brackets and pre-drilled pan fixing holes and bolts. The Sentinel bracket is a cost-effective and installer-friendly cast iron alternative.

In addition, the Pushflo fits neatly into 500mm wide x 200mm deep fitted bathroom units. (For a solution designed specifically for fitted bathroom furniture please refer to the Dudley Vantage concealed cistern).

# DUDLEY PUSHFLO

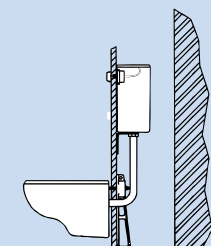
## concealed cistern

### Special Features

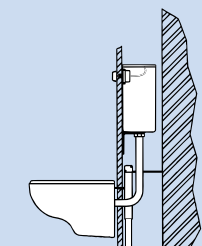
#### Designed with flexibility in mind:

The Dudley Pushflo can be easily screwed directly onto a wide range of materials and its design offers the versatility of fixing to front or rear ducted walls.

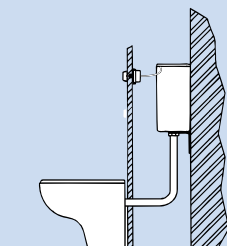
### Installation Examples



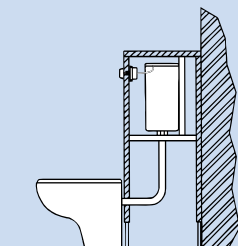
Front or rear wall fixing with Dudley Sentinel bracket & wall-hung WC pan



Front or rear wall fixing with Dudley Illusion frames & wall-hung WC pan



Front or rear wall fixing with floor-mounted WC pan



Fixing into fitted bathroom furniture

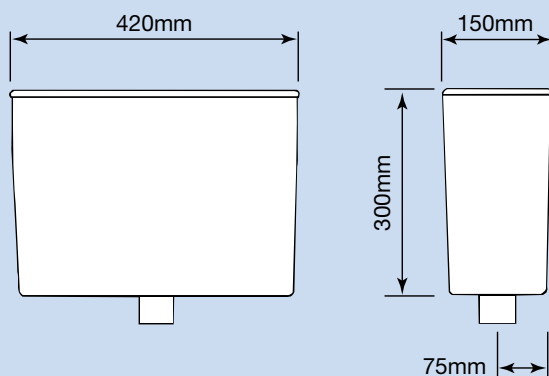
The Pushflo can also be used with most wall-hung WC pan supports (including Dudley Illusion Universal, Compact Universal and Freestanda frames and Dudley Sentinel brackets), and installed into bathroom furniture.

The Pushflo is operated with a pneumatic push button - available in chrome plated (CP), gold-effect, white and 'mixage' finishes. The Dome push button is suitable for use with walls and partitions whilst the Cone and Petite push buttons can be used with thinner partitions and furniture panels (up to 25mm thick). A vandal resistant metal button is also available.



The pneumatic air tube is protected by a corrugated sleeve. The cistern comes with an internal overflow warning pipe and can be supplied with side or bottom connections.

### Technical Information



- Cistern body constructed from high-impact polystyrene
- Suitable for low level concealed installations
- 6 litre Dudley flush valve
- Internal overflow warning pipe
- Optional bottom connections
- 390 x 260mm 90 degree tight radius flushbend
- Can be fitted to front or back wall of a duct
- Pneumatic push-button operation
- Corrugated sleeve helps protect the air tube
- Choice of Dome (thicker walls/partitions), Cone/Petite (partitions/furniture panels up to 25mm thick) and vandal resistant (see page 26) push buttons
- Compact design
- <sup>9</sup>Internal parts comply with the Regulator's Specification

# DUDLEY Miniflo™

## concealed cistern

NEW

Water Efficiency Rating		
Water Efficiency Rating	Water Use	This Product
1 (9.5 or less)	Green	
2 (8.5 or less)	Light Green	
3 (7.5 or less)	Yellow	
4 (6 or less)	Orange	
5 (Greater than 6)	Red	

www.water-efficiency-label.org.uk



1



2

51mm diameter pneumatic dualflush button



3



4

### Product Description

The new Dudley Miniflo concealed cistern has been engineered and manufactured in the UK, specifically for the UK and European market.

It is pneumatically operated and provides 6/4 litre, 5/3 litre or 4/2.6 litre dualflush flushing. The new small pneumatic dualflush push button (inset 2) delivers smooth and reliable flushing. The button has a diameter of just 51mm, adding the perfect finish to any domestic bathroom or commercial washroom. A 51mm diameter single flush Royal button is also available.

To help minimise installation time and the resulting costs, the Miniflo is supplied factory fitted and with a host of time saving features including a true push-fit flushbend and one piece hanging bracket. The cistern's design also enables servicing to be quickly and easily undertaken.

The small and compact Miniflo has been designed with quality and reliability in mind. The cistern, its Dudley Niagara flushing valve and Dudley Hydroflo inlet valve are all WRAS approved and have successfully passed rigorous 200,000 cycle tests.

The Miniflo can also be supplied with touch-free electronic flushing (page 20).

### Uses

Measuring just 411mm wide x 276mm high x 131mm deep, the Miniflo fits neatly into 150mm deep ducts.

The cistern body is constructed from high-impact polystyrene and comes in a durable glossy finish.

It is ideal for use behind tiles in conjunction with a removable or hinged vanity top (inset 3), behind partitions (inset 4) and in most other concealed applications.

The Miniflo comes with an installer-friendly one piece hanging bracket which can be screwed directly to most wall materials.

For one off domestic installations to large contracts, the Miniflo provides the perfect new build or refurbishment solution.

Where wall-hung WC pans are required, the Miniflo can be coupled with the Dudley Illusion Universal, Compact Universal and Freestanda frame systems or Dudley Sentinel brackets.



# DUDLEY Miniflo<sup>TM</sup> concealed cistern

Water Efficiency Rating		
Water Use	Water Use	This Product
3.5 or less	Green	
4.5 or less	Light Green	
5.5 or less	Yellow	
6 or less	Orange	
Greater than 6	Red	

www.water-efficiencylabel.org.uk

## Special Features

The Miniflo is operated by an attractive small dualflush pneumatic push button.

This is available in full polished chrome or with a matt chrome plated full flush and can be positioned up to 750mm away from the cistern.

## Saving water

With water conservation in mind, the Miniflo provides 6 litre full and 4 litre reduced flushing.

In addition, the cistern can be quickly converted to provide 5/3 litre or 4/2.6 litre dualflush.

This flexibility is particularly beneficial in existing installations. If a WC pan needs to be changed, the Miniflo can be left in position and if required, converted to deliver lower flush volumes to suit the replacement WC pan.

## 51mm diameter pneumatic button



Polished chrome plated



Polished/matt chrome plated

**6/4 Litre Dualflush**

Designed to save water now and in the future

**Quickly converts to 5/3 or 4/2.6 Litre Dualflush**

## Saving time

The Miniflo is supplied factory fitted with its internal components pre-assembled in position.

It also has a true push-fit flushbend. The connector is moulded into the bottom of the cistern body and the flushbend simply pushes over for a watertight seal without tightening a capnut.

A one-piece hanging bracket enables the cistern to be simply slotted into place. The vertical fixing hole provides simple fixing adjustments whilst a ratchet allows the cistern to be safely moved to the left or right in order to find the perfect position.

For maintenance, the Miniflo's inlet and flushing valves can be easily accessed. The Niagara flushing valve has a bayonet fitting and can be removed from the cistern with one hand. The valve can then be serviced and fitted back into the cistern in a matter of minutes.

The Miniflo's pneumatic air tubes are securely retained by a clip on the inside of the cistern. The tubes can also exit the cistern neatly from either side.



Supplied factory fitted



True push-fit flushbend

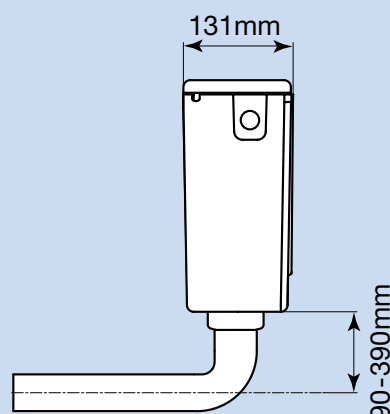
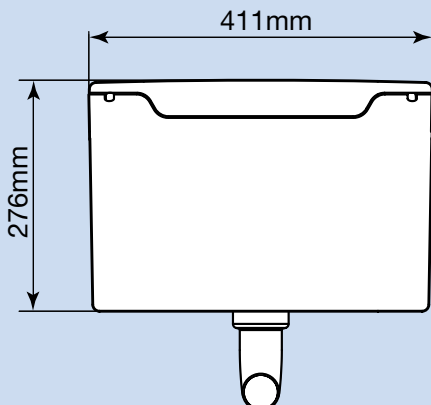


Installer-friendly hanging bracket

## Technical Information

- Designed and manufactured in the UK
- Water-saving 6/4 litre, 5/3 litre or 4/2.6 litre dualflush flushing complies with the Regulator's Specification
- Pneumatic push button operation
- Fits into most 150mm deep applications
- Miniflo cistern, Dudley Niagara flushing valve and quiet Dudley Hydroflo inlet valve to BS 1212 Pt. 4 are all WRAS approved

- Supplied factory assembled and with a range of time-saving features for quick and simple installation and maintenance
- True push-fit flushbend
- Bottom or side inlet
- Easy access for maintenance
- 390 x 260mm, 90 degree tight radius flushbend
- Cistern body in high density polystyrene and with a durable glossy finish

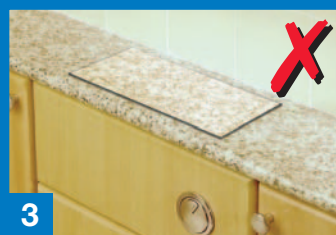


# DUDLEY Vantage™

## concealed cistern

Water Efficiency Rating		INDEPENDENT FLUSH CISTERNS
USE EFFICIENCY RATING	Water Use	This Product
3.5 or less		<input type="checkbox"/>
4.5 or less		<input type="checkbox"/>
5.5 or less		<input type="checkbox"/>
6 or less		<input type="checkbox"/>
Greater than 6		<input type="checkbox"/>

www.water-efficiencylabel.org.uk



**NEW**



**4**  
DIO small dualflush pneumatic - an addition to the existing range of Vantage push buttons

**NEW**



**5**  
Dudley Panfan® odour and micro-organism extracting fan - leaves bathrooms beautifully fresh

**NEW**



**6**  
Push-fit flushbend - saves even more time

## Product Description

The revolutionary Dudley Vantage concealed cistern continues to evolve.

The new Dio small pneumatic button (inset 4) has a diameter of just 51mm and is available in a choice of finishes (polished chrome plated and polished chrome plated with a matt chrome plated full flush). A wide range of alternative dualflush and single flush pneumatic buttons are available. The Vantage can now also be supplied with new pneumatic push plates (page 21) or touch-free electronic flushing (page 20).

**Vantage Panfan** The Dudley Panfan® odour extracting fan (inset 5) is also new and is available as an optional extra. Once activated by the infrared sensor, the Panfan® extracts odours directly from the WC pan and eliminates 99% of airborne micro-organisms. The air is then purified through a replaceable carbon filter, removing the need for external pipework or vents. The Panfan® is particularly beneficial when used in en-suites and cloakrooms. Here, it reduces the spread of bathroom smells to bedrooms and other parts of the home.

It also provides a hygienic solution in hospitals and other public applications where the need to maintain cleanliness is paramount.

Developed specifically for use in fitted bathroom furniture, the Vantage comes with front and top access. This enables it to be installed and maintained without the need to cut unsightly inspection holes into bathroom vanity tops.

Supplied factory assembled, the Vantage can be installed in less than half the time of traditional concealed cisterns. The new push-fit flushbend simplifies installation to save even more time.

## Uses

When a cistern needs to be installed into bathroom furniture, be it in domestic bathrooms, housing developments, hotels or commercial washrooms, the Vantage provides the perfect new build or refurbishment solution.

The Vantage fits into furniture units as small as 500mm wide x 200mm deep x 800mm high when used with BS pans. Front access enables it to be completely hidden behind furniture (inset 2) with no unsightly inspection holes and covers in sight (inset 3). The result is an aesthetically pleasing, hygienic, easy-clean surface.

Constructed from high-density polyethylene, the Vantage is the first concealed cistern to be supplied with front and top access panels. This versatility also makes it ideal for use behind walls and partitions.

Where wall-hung WC pans are required, the Vantage can be installed in conjunction with the Dudley Illusion Universal, Compact Universal and Freestanda frame systems. Alternatively, the Dudley Illusion V frame (page 28) incorporates an integral Vantage cistern as standard.

# DUDLEY Vantage™ concealed cistern

Water Efficiency Rating		INDEPENDENT FLUSH CISTERNS
Cistern average flush volumes (litres)	Water Use	This Product
3.5 or less	Green	✓
4.5 or less	Yellow	✓
5.5 or less	Orange	✓
6 or less	Red	✓
Greater than 6	Dark Red	✗

www.water-efficiencylabel.org.uk

## Special Features

### Pneumatic pushbuttons

The Vantage is operated by a range of attractive pneumatic push buttons that provide smooth and reliable flushing and can be positioned up to 750mm away from the cistern.

The new, small Dio dualflush button provides an extremely neat finish wherever it is installed.

A choice of complimentary buttons offers chrome plated, white, gold effect and mixed alternatives.

When ordering, please state your required button and dual or single flush.

**NEW**



51mm dia. Dio Dualflush for furniture / panels up to 32mm thick



51mm dia. "Royal" Single Flush

For furniture / panels / walls up to 40mm thick. Extended version fits thicknesses of up to 290mm.



73.5mm dia. Round/Round Dualflush



73.5mm sq. Square/Round Dualflush



73.5mm dia. Round/Round Single Flush



73.5mm sq. Square/Round Single Flush

For furniture / panels / walls up to 125mm thick

## Water-saving

The Vantage complies with the current water regulations. With water conservation in mind, dualflush (6 litre full flush / 4 litre reduced flush) and single flush (6 litre) models are available.

## Quicker, easier and less expensive to install

The Vantage incorporates many features, designed to reduce installation time and the resulting costs:

- Front access removes the need to cut inspection holes into the vanity top
- The cistern is supplied with the inlet and flushing valves factory assembled and fitted in position
- Unique snap-fit fixing brackets
- Push-fit water inlet elbow
- Internal isolating valve
- New push-fit flushbend

## A fresher bathroom

The Panfan® odour and micro-organism extracting fan is activated by an attractive chrome plated touch free sensor.

The safe, low voltage fan is simply connected to the mains via a transformer. The sensor is powered by two AAA batteries. The Panfan® can also be retro-fitted into existing Vantage installations.

**NEW**



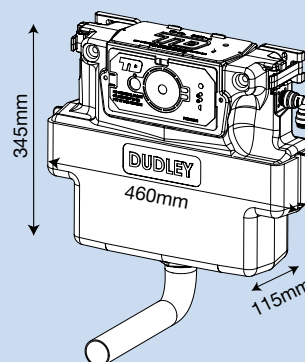
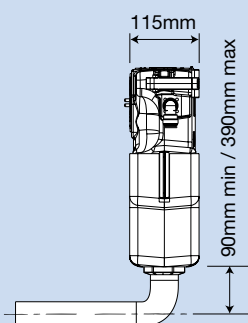
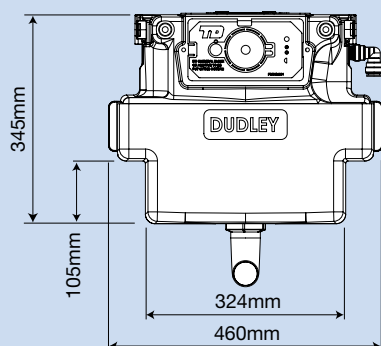
Panfan® chrome plated infra-red sensor

## Silence is golden!

The Vantage is also fitted with the new Dudley Hydroflo float valve for an extremely quiet filling operation after every flush.

## Technical Information

- Factory assembled for faster installation
- Pneumatic push button operation
- Front *and* top access panels for quick and simple installation and maintenance
- Dualflush (6/4 litre) and single flush (6 litre) options
- 390 x 260mm, 90 degree tight radius flushbend
- Fits into units as small as 500mm (w) x 200mm (d) x 800mm (h) when used with BS pans.
- Please note: For Vantage cisterns supplied with Dudley Panfan®, depth from back of cistern to front of Panfan® measures 170mm
- Optional polystyrene insulation jacket
- Unique snap-fit fixing brackets
- Push-fit inlet elbow connector
- Cistern body in high-density polyethylene
- WRAS approved Dudley Hydroflo inlet valve to BS1212 Part 4 and Dudley Niagara flushing valve
- \*Internal parts comply with the Regulator's Specification



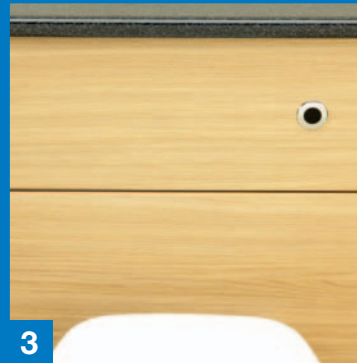
# DUDLEY Electroflo<sup>+</sup>



## HYGIENIC TOUCH-FREE ELECTRONIC FLUSHING



1



3



4

Compact control box sits neatly on the rear of the furniture, tile or partitioning panel



2

The interactive sensor indicates full flush, reduced flush and when the cistern is refilling



5



100mm diameter dualflush and single flush surrounds for commercial applications

### Product Description

The Dudley Electroflo is an innovative new electronic flushing system. It provides hygienic touch free flushing and has been designed specifically for use with the Dudley Vantage concealed cistern (page 18).

The Electroflo comes with a stylish interactive infra-red sensor (inset 2) that indicates when a full or reduced flush is being delivered and when the cistern is refilling.

With water conservation and bathroom aesthetics in mind, the Electroflo also provides 6/4 litre dualflush flushing through one single sensor. The full and reduced flushes are simply activated by waving a hand across or placing a hand in front of the sensor respectively.

### Uses

Having passed rigorous and exhaustive testing, the Electroflo can be installed with confidence into most domestic and commercial applications.

It is perfect for use with bathroom furniture (inset 3), tiles and partitions from 3mm – 40mm thick. An extension kit can also be supplied for use with walls up to 125 mm thick.

A remote flushing option allows the cistern to be activated from outside of the bathroom and is ideal for use in prisons and police cells.

In addition to the Vantage, the Electroflo can be used with the new Miniflo cistern (see page 16).

### Special Features

Measuring just 130mm wide x 105mm high x 25mm deep, the Electroflo's compact control box (inset 4) fits neatly onto the rear of the panel into which the sensor is installed.

The sensor informs the user when a full flush has been activated by displaying a blue LED. A green light denotes a reduced flush and a red light is shown whilst the cistern is refilling.

The Electroflo is powered by four 1.5V AA batteries (not included). High quality batteries typically provide a working life of up to 20,000 cycles. A 240V mains transformer is also available as an optional extra – please enquire.

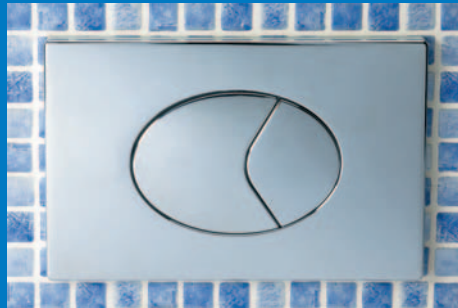
For domestic use, the sensor is supplied with an attractive chrome plated surround (inset 2). A chrome plated steel version displaying operating instructions (inset 5) can be supplied for commercial use.

### Technical Information

- Sensor housing fits into 21mm hole
- Sensor surround has a diameter of 40mm (domestic) and 100mm (commercial)
- Supplied as dualflush, converts to single flush
- 15 second delay between flushes
- Standard cable measures 400mm

\* The Electroflo will be available shortly - please enquire

**NEW**



1

**NEW**



2



3

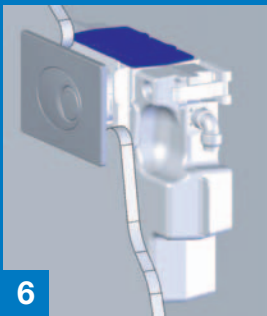


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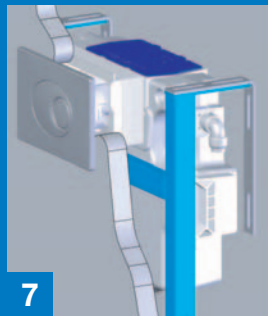
5

Plates can be badged with bespoke corporate logos\*



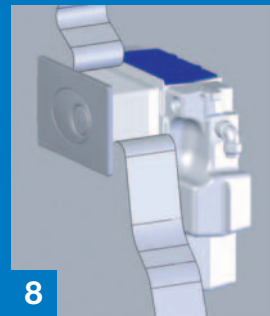
6

Installed with Vantage cistern fixed to rear wall



7

Installed with Illusion 'V' frame



8

Installed with Vantage cistern fixed to rear of front wall

### Product Description

The Dudley Oyster (inset 1) and Dudley Pebble (inset 2) are two stylish pneumatic dualflush push plates that have been designed specifically for use with the market-leading Dudley Vantage concealed cistern (page 18) and Dudley Illusion 'V' in-wall frame system (page 28).

### Uses

The push plates have passed rigorous testing and can be installed with confidence into most domestic bathrooms and commercial washrooms.

Whether installed with the Vantage cistern or the Illusion 'V' frame system, the plates are ideal for use with most partition, tile, furniture and wall thicknesses from 20mm upwards.

### Special Features

For the perfect finishing touch to any project, the Oyster and Pebble can be supplied with bespoke corporate logos\* (inset 5).

The cover mount and access tunnel securely clamp onto most materials and allow the chrome plated push plate to be simply clipped in place. A discrete retaining screw helps to protect the plates from tampering.

For maintenance, the plate can be simply removed from the cover mount and the Vantage cistern's internal components accessed and serviced through the resulting aperture.

### Technical Information

- Plates measure 232mm (w) x 152mm (h) x 16mm (d)
- Minimum depth of 175mm required from back of cistern to front of wall
- Supplied with one metre long colour coded pneumatic air tubes
- Both plates have passed 200,000 cycle tests

\* Subject to sufficient demand.

# DUDLEY MIRAGE™ concealed cistern

Water Efficiency Rating		
Water Use	Water Use	This Product
3.5 or less	Water Use	
4.5 or less	Water Use	
5.5 or less	Water Use	
6 or less	Water Use	
Greater than 6	Water Use	

Water Efficiency Rating  
INDEPENDENT  
FLUSH CISTERNS

Cistern average  
Flush volumes  
(litres)

Water Use

This Product

www.water-efficiencylabel.org.uk



1

COMPLIES WITH  
REGULATOR'S  
SPECIFICATION



2



3

## Product Description

The Dudley Mirage is a concealed cistern that has been developed to meet the needs of most ducted installation requirements.

Its compact design makes it ideal for use in ducts and behind partitions where it can be installed at high, medium and low levels to suit the individual requirements of each application.

The cistern is often specified for use in pre-fabricated factory built pods and is compatible with most modern construction techniques.

Made from high-impact polystyrene, the lever-operated Mirage comes with a convertible syphon for 6/7/9 litre flushing that complies with the Regulator's Specification. An internal/external overflow warning pipe enables the Mirage to be used in either situation.

With over one million successful installations, the installer-friendly Mirage has established an unrivalled reputation for reliability.

### DUDLEY Duoflush

A one piece Dudley Duoflush syphon is supplied as standard.

A 2-part Dudley Turbo 88 Duoflush syphon, which can be serviced in under five minutes, is available as an optional extra. Both syphons provide full and water-saving reduced flushing in low level installations\*.



\* When fitted in accordance with the Water Supply Regulations 1999.

## Uses

Wherever high, medium or low level concealed WC cisterns are required, the Mirage provides an extremely reliable and simple-to-install solution.

A comprehensive range of vandal resistant metal lever kits can be supplied for use with partitions from 12mm thick (main photograph above) up to 365mm thick walls (inset 3 above). The Mirage is also available with electronic flushing.

The cistern can be screwed directly onto most wall and partition materials when used in the traditional manner with floor mounted WC pans.

The Mirage is also ideal when used in conjunction with wall-hung WC pans and support systems such as the Dudley Sentinel bracket (inset 4) and Dudley Illusion Universal, Compact Universal and Freestanda frames.

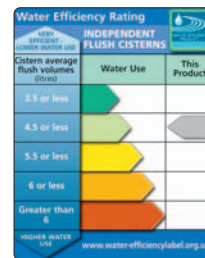
An automatic version is available in 4.5, 9 and 13.5 litre capacities for use with commercial urinals.

For a push button operated concealed cistern, please refer to the Dudley Pushflo. The Dudley Vantage concealed cistern provides a solution that has been designed specifically for fitted bathroom furniture.



4

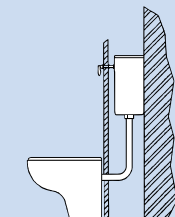
# DUDLEY MIRAGE™ concealed cistern



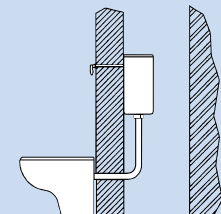
## Special Features

Combined durability and affordability have made the Mirage the installer's favourite concealed cistern.

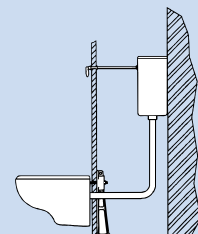
## Installation Examples



Rear wall fixing behind partitions with traditional back-to-wall WC pan



Front or rear wall fixing behind walls with traditional back-to-wall (or wall-hung) WC pan



Rear wall fixing behind partitions with Dudley Sentinel brackets, Illusion frames and wall-hung WC pan

The Mirage can be easily screwed onto most materials and is also ideal for use with wall-hung WC pan support brackets and frames.

It can be supplied with a comprehensive range of lever kits to fit partition/wall thicknesses from 12-365mm.

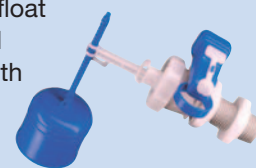
Each vandal resistant metal lever comes with a stop which prevents the lever from being rotated backwards. This enables the Mirage to be installed with confidence into public areas where there is the potential for misuse.

	Wide range of lever kits		
	Lever Spindle Length	Effective Lever Bush Length*	Partition/Wall Thickness
Lever Kit P	115mm	80mm	12-65mm
Lever Kit W	225mm	160mm	12-145mm
Lever Kit A	325mm	260mm	12-245mm
Lever Kit B	430mm	368mm	22-365mm

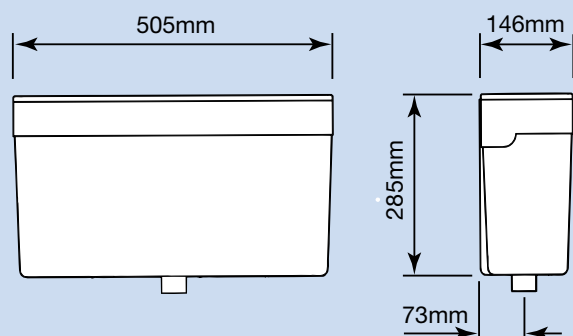
The Mirage comes with an internal/external overflow warning pipe and can be supplied with side or bottom connections. It is operated by a 6/7/9 litre convertible plastic syphon.

For easy flushing by the less able, the Mirage can be operated by a Dudley Dimple lever.

A quiet Dudley Hydroflo equilibrium float valve can be supplied as an optional extra. Each Hydroflo valve comes with a lay flat silence tube for extremely quiet filling and a unique key for simple and safe removal of the filter.



## Technical Information



- Saves water - Dualflush supplied as standard
- Cistern body constructed from high-impact polystyrene
- Suitable for high, medium and low level installations
- 6/7/9 litre convertible syphon
- Can be supplied with a 2-part Dudley Turbo 88 Duoflush syphon
- Internal/external overflow warning pipe
- Side connections as standard, optional bottom connections
- 457 x 305mm tight radius flushbend
- Lever operated
- <sup>o</sup>Internal parts comply with the Regulator's Specification

# DUDLEY Phantom<sup>®</sup>

concealed cistern

Water Efficiency Rating		
WATER EFFICIENCY RATING	INDEPENDENT FLUSH CISTERNS	WATER USE
Cistern average flush volumes (litres)	Water Use	This Product
3.5 or less	Green	Green
4.5 or less	Yellow	Yellow
5.5 or less	Orange	Orange
6 or less	Red	Red
Greater than 6	Grey	Grey
HIGHER WATER USE		

www.water-efficiency-label.org.uk



## Product Description

The Dudley Phantom is a lever operated concealed WC cistern that offers an extremely flexible solution to most low level installations.

Designed specifically for use in very confined spaces, the cistern's small, compact dimensions make it the ideal choice for use behind partitions, walls and other ducted installations. It can also be easily installed into fitted bathroom furniture.

Constructed from high-impact polystyrene, the Phantom provides 6 litre flushing that complies with the Regulator's Specification.

### DUDLEY Duoflush

A one piece Dudley Duoflush syphon is supplied as standard.

A 2-part Dudley Turbo 88 Duoflush syphon, which can be serviced in under five minutes, is available as an optional extra. Both syphons provide full and water-saving reduced flushing in low level installations\*.



## Uses

Wherever low-level, lever operated concealed WC cisterns are required, the Phantom can be installed with confidence.

Lever kits can be supplied for use with a variety of partition and wall thicknesses - please see opposite for details. Furthermore, lever kits comprise strong, vandal resistant, durable metal levers and spindles.

The cistern can be screwed directly onto most wall and partition materials when used in the traditional manner with floor mounted WC pans.

The Phantom is ideal for use with wall-hung WC pans and support systems such as the Dudley Illusion Universal frame (inset 3), Compact Universal, Illusion Freestanda frame or the Dudley Sentinel bracket (inset 4).

For a push button operated concealed cistern, please refer to the Dudley Pushflo. The Dudley Vantage concealed cistern provides a solution that has been designed specifically for fitted bathroom furniture.



\* When fitted in accordance with the Water Supply Regulations 1999.



# DUDLEY Phantom<sup>®</sup> concealed cistern

Water Efficiency Rating		
INDEPENDENT FLUSH CISTERNS	Water Use	This Product
Cistern average flush volumes (litres)		
2.5 or less		
4.5 or less		
5.5 or less		
6 or less		
Greater than 6		

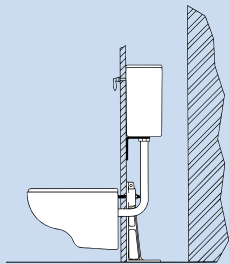
www.water-efficiencylabel.org.uk

## Special Features

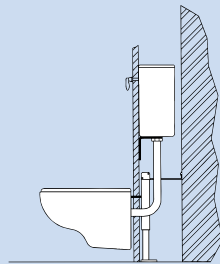
### Designed with flexibility in mind:

The Phantom offers the versatility of fixing to front or rear ducted walls.

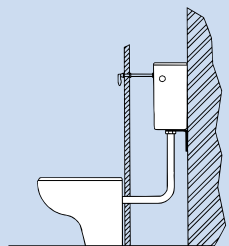
### Installation Examples



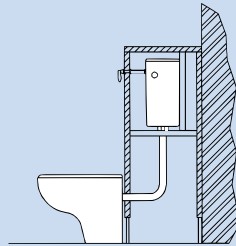
Front or rear wall fixing with Dudley Sentinel bracket & wall-hung WC pan



Front or rear wall fixing with Dudley Illusion frames & wall-hung WC pan



Front or rear wall fixing with floor-mounted WC pan




Fixing into fitted bathroom furniture

The cistern can be used with most wall-hung WC pan supports (including Dudley Illusion Universal and Freestanda frames and Dudley Sentinel brackets), and installed into bathroom furniture.

The Phantom is operated with a lever and can be supplied with a variety of lever kits to fit partition/wall thicknesses from 12-365mm.

Each vandal resistant metal lever comes with a stop which prevents the lever from being rotated backwards. This makes the Phantom ideal for use in public areas where there is the potential for misuse.

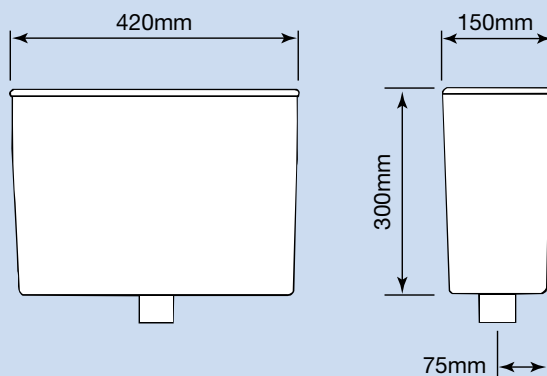
	Wide range of lever kits		
	Lever Spindle Length	Effective Lever Bush Length*	Partition/Wall Thickness
Lever Kit P	115mm	80mm	12-65mm
Lever Kit W	225mm	160mm	12-145mm
Lever Kit A	325mm	260mm	12-245mm
Lever Kit B	430mm	368mm	22-365mm

The Phantom comes with an internal overflow warning pipe and side connections. Bottom connections can be supplied as an optional extra as can a water-saving Dudley Turbo 88 Duoflush syphon.

A quiet Dudley Hydroflo equilibrium float valve can be supplied as an optional extra. Each Hydroflo valve comes with a lay flat silence tube for extremely quiet filling and a unique key for simple and safe removal of the filter.



## Technical Information

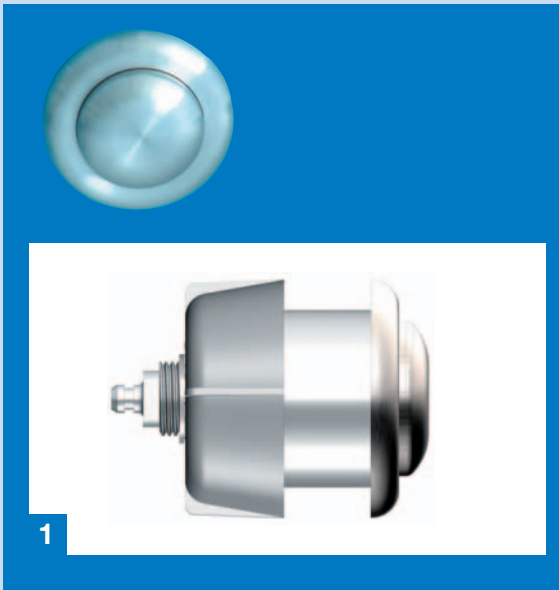


- Saves water - Dualflush supplied as standard
- Cistern body constructed from high-impact polystyrene
- Small and compact design
- Suitable for low level concealed installations
- 6 litre flushing
- Can be supplied with a 2-part Dudley Turbo 88 Duoflush syphon for full and reduced flushing
- Internal overflow warning pipe
- Side connections standard, bottom connections optional
- 390 x 260mm 90 degree tight radius flushbend
- Can be fitted to front or back wall of a duct
- Choice of lever kits to fit partition/wall and duct thicknesses from 12-365mm
- <sup>o</sup>Internal parts comply with the Regulator's Specification

# DUDLEY Metal Pushbuttons

## DUDLEY VANDAL RESISTANT AND VANDAL PROOF METAL PUSHBUTTONS

In applications where there may be the potential for misuse, Dudley metal pushbuttons can be installed with confidence. Our Royal and Flat Vandal Resistant buttons can be used with a number of Dudley concealed cisterns to provide a secure and extremely reliable solution.



### 1 Metal Royal Pushbutton

#### Technical Information

- High impact vandal-resistant stainless steel construction
- Brushed chrome plated finish
- 51mm diameter
- Can be supplied with 160mm plastic bush or 368mm steel bush. Both can be simply cut to size on site
- 160mm plastic bush is ideal for use when the concealed cistern is installed behind partitions, tiles or panelling up to 295mm thick
- Single flush, pneumatic operation
- Can be supplied with Dudley Pushflo (see page 14), Royal (page 13) and Vantage (page 18) concealed cisterns



### 2 Heavy Duty Flat Metal Button

#### Technical Information

- High impact vandal-resistant stainless steel construction
- Cannot be unscrewed from the front, providing an anti-ligature solution that's perfect for use in prisons, police cells etc
- Polished finish
- 63.5mm diameter
- Suitable for use with concealed cisterns installed behind most partition and wall materials up to a thickness of 42mm
- Single flush, pneumatic operation
- Can be supplied with Dudley Pushflo (see page 14) concealed cisterns

Non standard metal button solutions are also available to order – please enquire.

# DUDLEY ILLUSION UNIVERSAL™

FRAME FOR WALL-HUNG WC PANS



1

**Ideal for corners, flat walls & furniture**



2



3

Can be used with all Dudley concealed cisterns



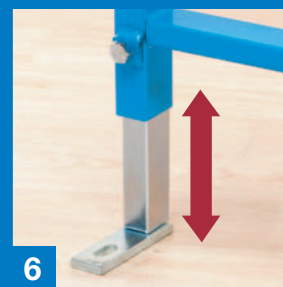
4

Reversible wall brackets can be fixed through 180°



5

Floor brackets rotate through 360°



6

Legs are quickly and easily adjusted

### Product Description

The Dudley Illusion Universal is a strong, revolutionary in-wall support frame for wall-hung WC pans.

### Uses

Unique wall and floor fixing brackets enable the frame to be installed against flat walls (inset 3), into corners (inset 2) and fitted bathroom furniture. The Universal can be used in conjunction with any lever, pushbutton or electronically operated Dudley concealed cistern to provide a tailor-made solution. The frame passes the 400Kg load test based on EN 997 and can be installed with confidence. The Universal can also be used with the new Dudley pushplates and electronic flushing - see page 20.

### Special Features

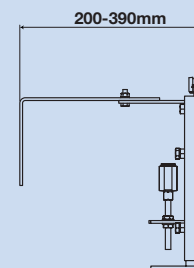
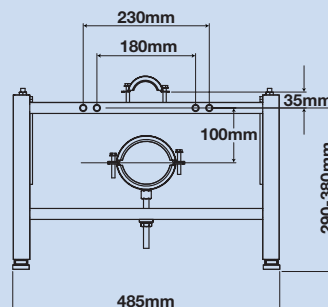
The wall fixing brackets (inset 4) can be fixed at any angle through 180 degrees. This enables the Universal to be installed into most ducted applications and helps to overcome uneven rear walls. These brackets are reversible, allowing the frame to be fitted between 200mm and 390mm from the rear wall.

The floor fixing brackets (inset 5) unscrew from the frame leg and can be rotated through 360 degrees. Combined with the wall brackets, these simplify and speed up installation.

The legs of the Universal (inset 6) can be quickly and easily adjusted to provide WC pan height fixing flexibility. This enables the frame to be used in most applications from traditional bathrooms and washrooms to modern wet rooms.

### Technical Information

- Wall brackets can be fixed through 180 degrees
- Floor brackets rotate through 360 degrees
- Strong steel tubular section construction
- Flushbend and WC pan connector clamps
- Blue painted finish with galvanised wall & floor brackets
- Supplied with floor & pan fixing bolts
- Can be used with any Dudley concealed cistern
- Passes 400Kg load test based on EN 997



**NEW**



## DUDLEY ILLUSION COMPACT UNIVERSAL™

The new Dudley Illusion Compact Universal is the same as the Universal frame but has a width of just 345mm and can be fitted between 200mm and 390mm from the rear wall. This makes it ideal for use in bathroom furniture and confined spaces.

# DUDLEY ILLUSION 'V'<sup>TM</sup>

## DUDLEY VANTAGE CISTERN & FRAME FOR WALL-HUNG WC PANS



1



2

Flat walls



3

Corners

**Ideal for  
corners,  
flat walls &  
furniture**

### Product Description

The Dudley Illusion 'V' is a strong, revolutionary in-wall support system for wall-hung WC pans.

The frame is robustly constructed from steel tubular section and complies with the 400Kg load test based on EN 997.

The Illusion 'V' comes with a range of innovative features including wall fixing brackets that can be fixed at any angle through 180 degrees and is also supplied with an integral Dudley Vantage concealed cistern (page 18).

In order to minimise installation time and costs, the cistern comes pre-fitted onto the frame and factory assembled with its internal components already fitted in position.

The Illusion 'V' can be supplied with a wide range of pneumatic buttons and push plates that provide smooth and reliable flushing.

The Dudley Electroflo provides hygienic touch free electronic flushing and has been designed specifically for use with the Vantage cistern and Illusion 'V'.

### Uses

Unique wall and floor fixing brackets enable the Illusion 'V' be fixed against flat walls (inset 2), into corners (inset 3) and into fitted bathroom furniture. It is also ideal for use behind partitions and in other ducted applications.

Once the frame has been bolted to the floor and rear wall, the whole system can be left in position whilst the partition is constructed. The Vantage cistern is protected by the frame's wall-fixing brackets and top support strut.

With the partition in place, the WC pan can be quickly secured to the pan fixing bolts and connected to the flushbend and soil pipe.

The push buttons and push plates provide the perfect finish for every installation. A vandal resistant metal "Royal" button (page 26) can also be supplied for applications where there may be the potential for misuse.

The Electroflo provides an ideal solution for hospitals and other applications where the need to maintain hygiene is paramount.

The Vantage cistern is fitted with a Dudley Hydroflo inlet valve that provides extremely quiet after flush filling. This makes the Illusion 'V' ideal for use in bathrooms that may be next to or close to bedrooms.

# DUDLEY ILLUSION 'V'™

## DUDLEY VANTAGE CISTERN & FRAME FOR WALL-HUNG WC PANS

### Special Features

The wall fixing brackets can be fixed at any angle through 180 degrees.

This enables the Illusion 'V' to be specified for a wide range of applications.

These brackets are also reversible and allow the frame to be fitted between 150 and 370mm from the rear wall.

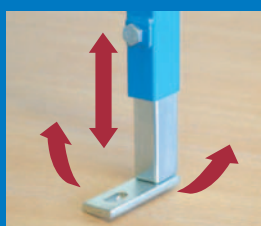
The floor fixing brackets can be rotated through 360 degrees and are simply adjusted to give pan height fixing flexibility.

Floor and pan fixing bolts are supplied along with a 100mm diameter soil pipe clamp.

The Dudley Vantage is the market-leading concealed cistern. It is supplied fully factory assembled with a host of time saving features including an injection moulded, push-fit flushbend and push-fit water inlet elbow.



Reversible wall brackets can be fixed through 180°



Floor brackets rotate through 360°. Legs are also quickly and easily adjusted



Integral Vantage concealed cistern

### Saving water

The Vantage provides single (6 litre) and water-saving dualflush (6 litre full, 4 litre reduced) flushing that complies with the Regulator's Specification.

It can be operated by a range of pneumatic push buttons from 51mm to 73.5mm diameter.

The Dudley Oyster and Pebble pneumatic push plates can be supplied with bespoke corporate logos – see page 21.



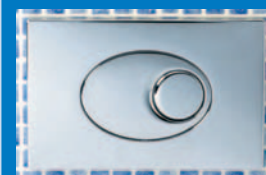
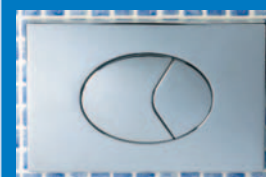
51mm dia. Dio for panels up to 32mm thick



51mm dia. "Royal" for panels/walls up to 40mm thick\*



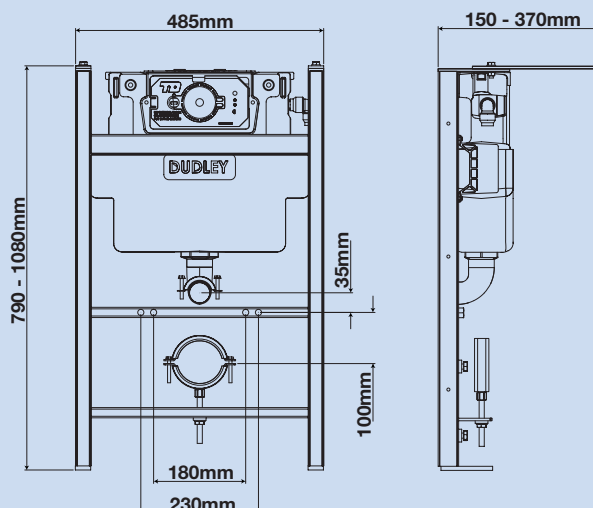
73.5mm dia. and 73.5mm sq. For panels/walls up to 125mm thick



232mm x 152mm Oyster (top) and Pebble (bottom) push plates. See page 21

### Technical Information

- Strong steel tubular section construction
- Flushbend and pan connector clamps
- Blue painted finish with galvanised wall and floor brackets
- Passes 400Kg load test based on EN 997



**DUDLEY****ILLUSION FREESTANDA™****FREE STANDING FRAME FOR WALL-HUNG WC PANS**

1

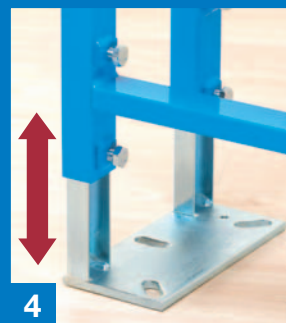


2



3

Can be used with all  
Dudley concealed cisterns



4

Legs are quickly and easily  
adjusted

**Product Description**

The Dudley Illusion Freestanda is a strong, free-standing in-wall support frame for wall-hung WC pans.

**Uses**

The Freestanda is perfect for use where no solid rear wall fixing is available. It can be installed against flat walls or partitions (inset 2), into fitted bathroom furniture and most other ducted applications.

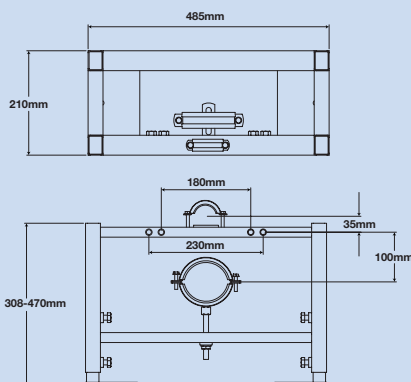
The frame can also be used in conjunction with any lever, pushbutton or electronically operated Dudley concealed cistern to provide a tailor made solution. It passes the 400Kg load test based on EN 997 and can be installed with confidence.

**Special Features**

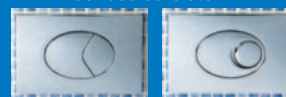
Large, sturdy floor fixing brackets securely support the frame and WC pan, removing the need for rear wall fixing. The legs of the Freestanda (inset 4) can be quickly and easily adjusted to provide WC pan height fixing flexibility. This enables the frame to be used in most applications from traditional bathrooms and washrooms to modern wet rooms. A pan connector is included.

**Technical Information**

- Large floor brackets have three fixing holes for a secure installation
- Strong steel tubular section construction
- Flushbend and WC pan connector clamps
- Blue painted finish with galvanised wall & floor brackets
- Supplied with floor & pan fixing bolts
- Can be used with any Dudley concealed cistern
- Passes 400Kg load test based on EN 997

**NEW**

Can be used with the following  
when installed with a Vantage  
concealed cistern:



Pneumatic push plates  
- see page 21



Electronic flushing  
- see page 20

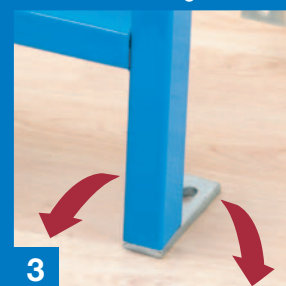
# DUDLEY ILLUSION BIDET™

## FRAME FOR WALL-HUNG BIDETS



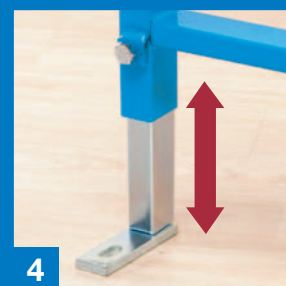
2

Reversible wall brackets can be fixed through 180°



3

Floor brackets rotate through 360°



4

Legs are quickly and easily adjusted

### Product Description

The Dudley Illusion Bidet is a strong, revolutionary in-wall support frame for wall-hung bidets.

### Uses

Unique, wall and floor fixing brackets enable the Bidet to be installed against flat walls, into corners and fitted bathroom furniture.

The frame passes the 400Kg load test based on EN 997 and can be installed with confidence.

### Special Features

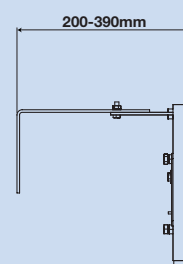
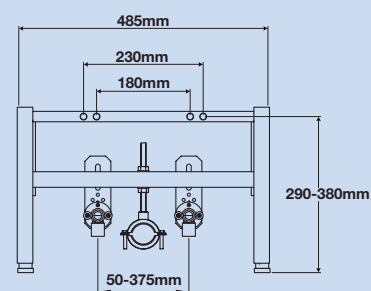
The wall fixing brackets (inset 2) can be fixed at any angle through 180 degrees. This enables the frame to be installed into most ducted applications and helps to overcome uneven rear walls. These brackets are reversible and allow the frame to be fixed between 200mm and 390mm from the rear wall.

The floor fixing brackets (inset 3) unscrew from the frame leg and can be rotated through 360 degrees. Combined with the wall brackets, these simplify and speed up installation.

The legs (inset 4) can be quickly and easily adjusted to provide bidet height fixing flexibility. This enables the frame to be used in most applications from traditional bathrooms and washrooms to modern wet rooms.

### Technical Information

- Wall brackets can be fixed through 180 degrees
- Floor brackets rotate through 360 degrees
- Strong steel tubular section construction
- Waste pipe clamp
- Supplied with floor & bidet fixing bolts
- Blue painted finish with galvanised wall & floor brackets
- Passes 400Kg load test based on EN 997



# DUDLEY ILLUSION BASIN™

## FRAME FOR WALL-HUNG BASINS

### Product Description

The Dudley Illusion Basin is a strong, in-wall support frame for wall-hung basins.

### Uses

Unique, rotating wall and floor fixing brackets enable the frame to be installed into corners and against flat walls.

### Special Features

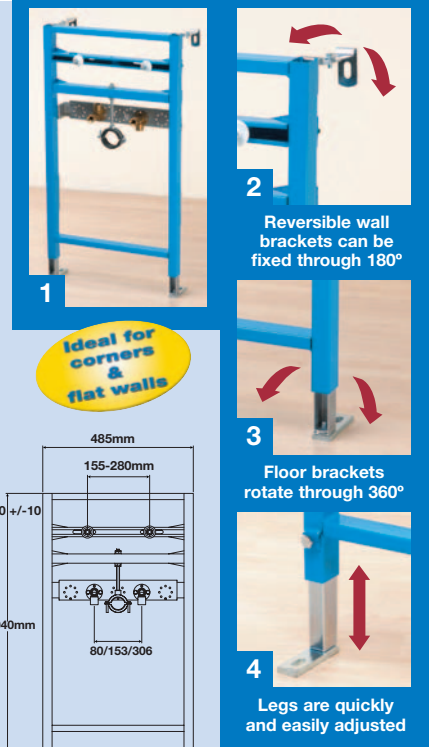
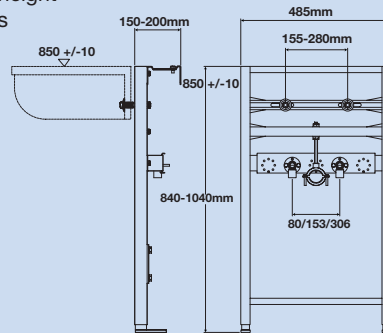
The wall fixing brackets (inset 2) can be fixed at any angle through 180 degrees. This enables the frame to be installed into most ducted applications and helps to overcome uneven rear walls. These brackets are reversible and allow the frame to be fixed between 150mm and 200mm from the rear wall.

The floor fixing brackets (inset 3) unscrew from the frame leg and can be rotated through 360 degrees. Combined with the wall brackets, these simplify and speed up installation.

The legs (inset 4) can be quickly and easily adjusted to provide basin height fixing flexibility. This enables the frame to be used in most applications from traditional bathrooms and washrooms to modern wet rooms.

### Technical Information

- Wall brackets can be fixed through 180 degrees
- Floor brackets rotate through 360 degrees
- Strong steel tubular section construction
- Waste pipe clamp
- Supplied with floor & basin fixing bolts
- Blue painted finish with galvanised wall & floor brackets
- Passes 400Kg load test based on EN 997



# DUDLEY SENTINEL™

## BRACKETS FOR WALL-HUNG WC PANS

### Product Description

The Dudley Sentinel is a strong, easy to handle cast iron support bracket for wall-hung WC pans.

### Uses

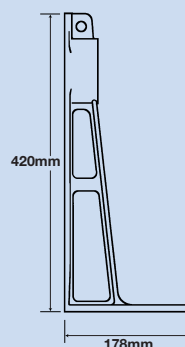
Sentinel brackets can be installed into corners, bathroom furniture and against flat walls. Two brackets are needed to support a pan and these can be supplied with a set of fittings. The brackets can be used with any lever, pushbutton or electronically operated Dudley concealed cistern.

### Special Features

A vertical slot (insets 2 and 3) provides pan height fixing flexibility. A useful top hole enables a spacing rod upto M12 (not included) to be added on site if required.

### Technical Information

- Strong cast iron construction
- Grey painted finish
- Can be supplied with floor & pan fixing bolts
- Passes 400Kg load test based on EN 997





# DUDLEY TURBO 88™

**WRAS**  
APPROVED  
PRODUCT

## DUDLEY TURBO 88 2-PART SYPHONS



1

### UNIQUE DESIGN ENABLES 5-MINUTE SERVICING

Syphon body can be removed from cistern leaving down leg in position.



Servicing can then be carried out without turning off water and dismantling cistern.



### Product Description

Since its introduction, this innovative, WRAS approved 6/7/9 litre convertible syphon has established a record of exceptional efficiency, quality and reliability.

### Uses

The Turbo 88 is available as an optional extra in most Dudley plastic cisterns and is supplied in Tri-Shell cisterns as standard.

In addition, the Turbo 88 has long been the installer's preferred choice when replacing most flushing syphons currently available. The Turbo 88 can be fitted with confidence into the majority of plastic and ceramic cisterns (close-coupled, low level, high level and concealed units).

Its patented 2-part design means that the Turbo 88 can be serviced in around five minutes. In domestic and commercial installations where leaving a toilet out of use for long periods whilst servicing takes place is impractical, a Turbo 88 should be fitted as a matter of course.

### Special Features

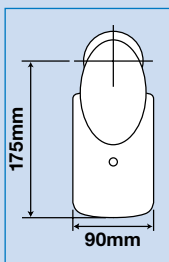
The Turbo 88 incorporates the 2-part design that is unique to all Dudley Turbo syphons. This enables the syphon body to be simply separated from the down leg.

The syphon body can then be quickly and easily removed from the cistern for servicing of the piston parts, leaving the down leg in position. Thus eliminating the need to turn off the water supply and dismantle the cistern.

### Technical Information

- WRAS approved
- Wide range of heights available (half inch increments):  
178mm (7") - 254mm (10")  
For sizes 267mm (10.5") - 305mm (12") see Turbo S44R overleaf.
- 38mm (1.5") diameter outlet
- Dudley spares packs readily available

Sizes (mm)	Sizes (inches)	Code
178	7	313826
191	7½	316985
203	8	313639
216	8½	319023
229	9	315293
241	9½	313673
254	10	313879

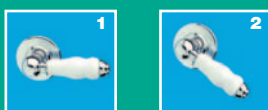


### DUDLEY Duoflush™

**Full flush:** depress lever and release



**Reduced flush:** depress lever and hold



### Water Technology List:



Businesses can write off  
**100% of investment in the  
Turbo 88 against tax in the  
year of investment.**

The Turbo 88 has delivered reliable, efficient and effective flushing for many years. Thomas Dudley Ltd has now enhanced the design with the addition of a water-saving 'Duoflush' facility.

When the lever is depressed and released, the Turbo 88 delivers a full flush that is as reliable as ever. However, when the lever is depressed and held down, the Duoflush facility is activated delivering a reduced flush. The Turbo 88 is the first syphon with full and reduced flushing capabilities to comply with the Regulator's Specification and is available as an optional extra in most low level Dudley plastic cisterns.

For the spares market the Turbo 88 can continue to be used with confidence. Complete with the Duoflush facility it will provide water-saving benefits when fitted\* in 9, 7 and 6 litre installations.

Unlike unreliable outlet valves, the Turbo 88 cannot leak – providing the opportunity to use a true water-saver in every sense of the word.

\*In accordance with the Water Supply Regulations 1999

# DUDLEY TURBO™

**WRAS**  
APPROVED  
PRODUCT

## DUDLEY TURBO RANGE OF 2-PART SYPHONS



1  
Turbo S44R

Turbo S1-11



2



3

For details on the Turbo 88 syphon, please see overleaf

### Product Description

A WRAS approved, market-leading range of WC cistern flushing syphons with an unrivalled reputation for efficiency, quality and reliability. Encompassing a wide choice of sizes, every Dudley Turbo syphon boasts a unique, patented 2-part design enabling servicing to be carried out in 5 minutes (using appropriate Dudley Turbo spares pack).

### Uses

In addition to being available in many Dudley plastic cisterns, Turbo syphons have long been the installer's preferred choice when replacing most flushing syphons currently available. The three products in the Turbo family, namely the Turbo 88 (inset 2), Turbo S44R (inset 1) and Turbo S1-11 (inset 3) are compatible with the majority of plastic and ceramic cisterns (close-coupled, low level, high level and concealed units).

**Turbo 88** – for details, please see overleaf.

**Turbo S44R** – provides a single flush in narrower 7 or 9 litre cisterns. Both the Turbo 88 and S44R can be supplied with a SYVAC air extractor for twin trap syphonic WC pans. Please enquire for product codes.

Syphon	Size	Outlet	Code
S44R	229mm / 9"	Plastic	315749
S1-11	229mm / 9"	Plastic	318743
S1-11	229mm / 9"	Brass	317449

For other sizes – please enquire

**Turbo S1-11** – designed for use in well-bottomed cisterns and many narrow cisterns, offering 7 or 9 litre single flush flushing (certain sizes are convertible - please enquire).

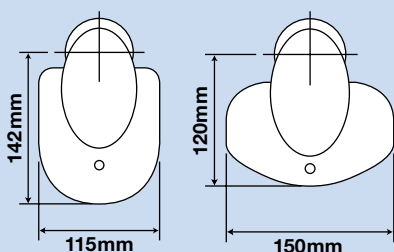
### Special Features

The unique 2-part design of all Turbo syphons enables the body to be quickly and easily separated from the down leg. Upon removing the yellow fixing pin, the syphon body can be simply taken out of the cistern for servicing of the piston parts, leaving the down leg in position. This means servicing can be carried out without the time-consuming need to turn off the water supply and dismantle the cistern.

A range of leg and body combinations provide the perfect solution for most cistern designs. When a Turbo syphon is installed, reliable and efficient flushing comes as standard.



Turbo S44R Turbo S1-11

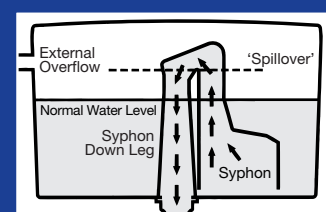


### Technical Information

- WRAS approved
- Wide range of heights available (half inch increments):  
Turbo S44R: 203mm (8") - 305mm (12")  
Turbo S1-11: 203mm (8") - 229mm (9")
- 38mm (1.5") diameter BSP outlet
- Dudley spares packs readily available for each model

**Internal Overflow:** If an inlet valve fails, the cistern water level rises. On reaching the 'spillover' it cascades down the syphon downleg (which provides the overflow outlet) and into the WC pan. To find the 'spillover' height required (see diagram on right), measure internally from cistern bottom to the marked water level, and add 20mm.

**Cisterns with external overflow pipes:** A Turbo syphon provides internal overflow if the 'spillover' is below the cistern's external overflow pipe. For further details please refer to our 'Pocket Guide to Internal Overflow Syphons' or visit [www.thomasdudley.co.uk/downloads](http://www.thomasdudley.co.uk/downloads)



# DUDLEY Syphons

## DUDLEY RANGE OF PLASTIC ONE PIECE WC SYPHONS

In addition to our market-leading range of 2-part Dudley Turbo's, Thomas Dudley manufactures a wide range of one piece plastic WC flushing syphons, all of which can be used with confidence. As with every Dudley product, our plastic syphons undergo exhaustive and rigorous testing which means that when they are installed, reliability and durability come as standard.

Sizes (mm)	Sizes (inches)	Code
191	7½	318876
203	8	319144
216	8½	316267
229	9	317556
241	9½	319551

Other sizes available – please enquire



1

### 1 Dudley S7 Cascade

#### Technical Information

- 6/7/9 litre convertible
- 38mm (1½") outlet
- WRAS approved

Sizes (mm)	Sizes (inches)	Code
229	9	313553

Other sizes available – please enquire



2

### 2 Dudley S9 Hi-Flo®

#### Technical Information

- 6/7/9 litre convertible
- 38mm (1½") outlet
- WRAS approved

Outlet: 38mm (1½")

Sizes (mm)	Sizes (inches)	Code
229	9	High Level 315969
229	9	Low Level 319184

Outlet: 32mm (1¼")

Sizes (mm)	Sizes (inches)	Code
229	9	High Level 319077



3

### 3 Dudley Japtic®

#### Technical Information

- 9 litre
- 38mm (1½") outlet or  
32mm (1¼") outlet

Sizes (mm)	Sizes (inches)	Code
229	9	317191



4

### 4 Dudley S90 Hydro

#### Technical Information

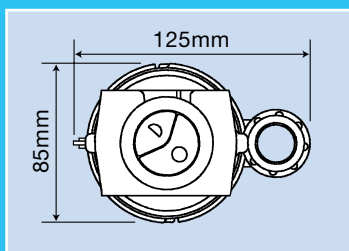
- 6/7/9 litre convertible
- 38mm (1½") outlet
- WRAS approved

For front lever assemblies and lift arms see page 50.

# DUDLEY Niagara<sup>®</sup>

**WRAS**  
APPROVED  
PRODUCT

## DUDLEY NIAGARA MECHANICAL DUALFLUSH VALVE



### Product Description

The WRAS approved Dudley Niagara is a mechanical dualflush WC valve that provides water-saving 6/4 litre full and reduced flushing.

### Uses

Wherever push button operated flushing is required in low level cisterns, the Niagara provides an efficient and reliable solution.

The valve has been specifically designed for use in cisterns that have an internal height measuring between 330mm and 408mm. Furthermore, the compact Niagara has a maximum width of 85mm, making it ideal for use in modern, portrait style cisterns.

### Special Features

Complimenting most plastic and ceramic cisterns, the Niagara's stylish push button adds the perfect finishing touch to any bathroom. Mounted in the cistern lid, the button contains separate, easily recognisable segments for full and reduced flushing. A chrome plated finish is supplied as standard whilst gold-effect is also available as an optional extra.

A bayonet fitting enables the valve to be quickly and easily removed from the cistern for maintenance. A simple turn of the hand removes the valve body from the cistern, leaving the cradle in position. Servicing can then be carried out with the minimum of disruption.

A long-life silicon rubber seal is included along with a 51mm (2") outlet. An optional 38mm (1½") outlet adaptor can also be supplied.

### Technical Information

- WRAS approved
- Internal overflow warning pipe
- 51mm (2") diameter outlet.  
Optional 38mm (1½") adaptor
- Fits cisterns with internal heights between 330mm and 408mm

### Water Technology List:



Businesses can write off  
100% of investment in the  
Turbo 88 against tax in the  
year of investment.

Code 313348

# DUDLEY Hydroflo®



## QUIET DUDLEY HYDROFLO® EQUILIBRIUM FLOAT VALVES TO BS1212 PART 4

**NEW**



1



Telescopic bottom inlet extends from 8" - 11½"

Code 320714



2

Fixed bottom inlet

Sizes (mm)	Sizes (inches)	Code
203	8	314286
216	8½	318123
229	9	314353
241	9½	319578
254	10	314977
267	10½	316182
279	11	313917
292	11½	314921



3

Side inlet

Code 313079

### Product Description

The Dudley Hydroflo range of compact and quiet equilibrium float valves offers telescopic bottom inlet (inset 1), fixed bottom inlet (inset 2) and side inlet (inset 3) options.

### Uses

Designed and manufactured in the UK, the Hydroflo has been subjected to rigorous and exhaustive testing. It meets the requirements of BS1212 Part 4, passing 200,000 cycle endurance tests and is 100% tested before leaving the factory. As a result, durability and reliability are supplied as standard making the Hydroflo ideal for use in most domestic and commercial WC cisterns.

### Special Features

Every Hydroflo valve is fitted with a silence tube (inset 4) for exceptionally quiet after flush filling.

A useful key (inset 5) is attached to the diverter allowing quick and simple removal of the filter without any risk of damage.

The unique float stem (inset 6) is securely retained by the float arm, making it impossible for the float to become detached once installed. The float height can be simply adjusted whilst the float arm ratchet enables very precise final water level adjustments to be made. Once set, the float level stays firmly in place.

With health and safety firmly in mind, Hydroflo valves boast two built in backflow prevention devices. An air break above the silence tube and a special membrane inside the head of the valve stop bacteria that may be present in the cistern from entering and contaminating the mains supply. This makes the Hydroflo one of the safest valves available.

The telescopic bottom inlet version extends from 203mm (8") - 292mm (11½") to fit most cisterns, providing an extremely convenient solution. When tightened, the locking nut clamps firmly to the valve stem for secure height adjustment.

### Technical Information

- Telescopic bottom inlet version adjusts from 203mm (8") - 292mm (11½"), fixed bottom inlet versions available from 203mm (8") - 292mm (11½")
- WRAS approved
- Ideal for low pressure - down to 0.1 bar, pressure tested up to 20 bar
- Flow restrictor provided



4

Silence tube



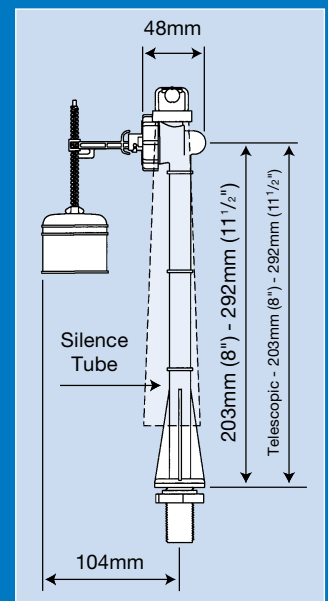
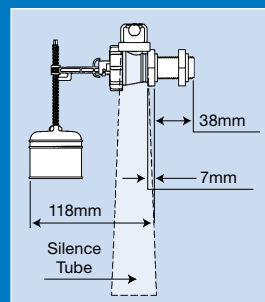
6

Float stem cannot become detached



5

Unique filter removal key



**DUDLEY**

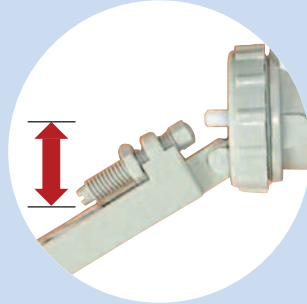
**WRAS**  
 APPROVED  
 PRODUCT

# Float Valves to BS1212 Part 3

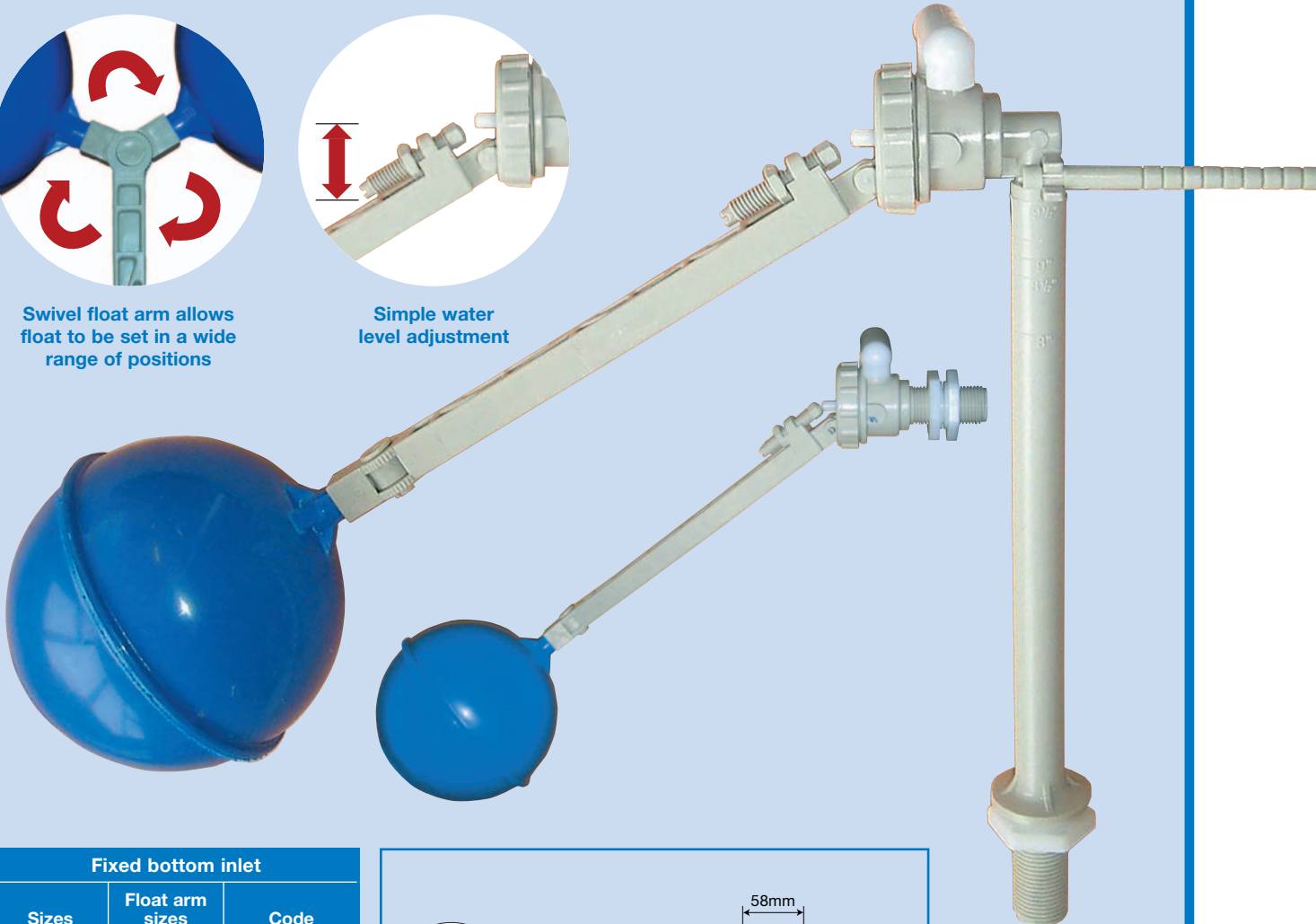
TRADITIONAL FLOAT VALVES FOR USE IN MOST COMMERCIAL AND DOMESTIC WC CISTERNS



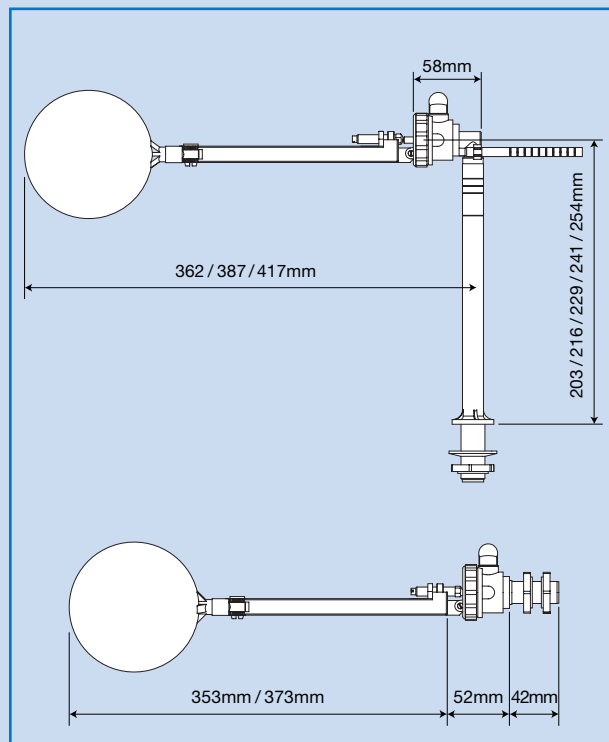
Swivel float arm allows float to be set in a wide range of positions



Simple water level adjustment



Fixed bottom inlet		
Sizes	Float arm sizes	Code
203mm (8")	155mm	322391
	180mm	322392
	210mm	322393
216mm (8½")	155mm	322394
	180mm	322395
	210mm	322396
229mm (9")	155mm	322397
	180mm	322398
	210mm	322399
241mm (9½")	155mm	322400
	180mm	322401
	210mm	322402
254mm (10")	155mm	322403
	180mm	322404
	210mm	322405
Side inlet		
Float arm Sizes	Code	
155mm	321869	
180mm	322406	
210mm	321713	



## Special Features

(bottom/side inlet):

- Comply with BS1212 Part 3
- WRAS approved
- Ideal for low and high pressure
- Pressure tested from 0.1 – 14 bar
- Proven, reliable solution
- Swivel float arm
- Can also be supplied with forked float arm – please enquire
- Designed and made in the UK
- Spares readily available

## DUDLEY RIGIFLEX FLEXIBLE WC PAN CONNECTOR



1

Can be adjusted to fit an endless combination of angles



2

### Product Description

The Dudley Rigiflex provides an extendable, strong and flexible connection between the WC pan and a standard 110mm diameter soil pipe. It complies with BS5627 (water leak criteria).

### Uses

The Rigiflex forms a reliable, permanent connection wherever WC pans are required, and is particularly useful in overcoming awkward installations. In confined areas where space restrictions make installation difficult, the Rigiflex is quick and simple to fit, providing an installer-friendly solution.

### Special Features

The rigid yet flexible design of the Rigiflex enables it to extend from 230mm-570mm.

In addition it can be easily adjusted into an endless combination of angles – making it the ideal solution to most installation problems likely to be encountered.

A special seal inside the collar ensures an effective and water-tight connection to the WC pan.

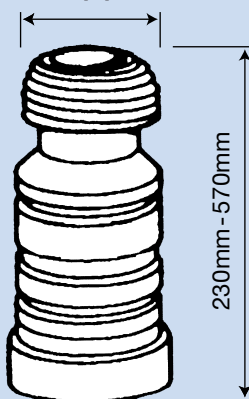
Three sets of varying sized raised rubber fins on the tail of the Rigiflex provide a reliable connection to the soil pipe.

The Rigiflex is robustly constructed from polypropylene and can be installed with confidence.

### Technical Information

- Conforms to BS5627 (water leak criteria)
- Extends from 230mm - 570mm
- Easily adjusts to fit a multitude of angles
- Fits standard 110mm diameter soil pipes
- Installer-friendly
- Robustly constructed from polypropylene

Fits standard diameter 110mm soil pipes



Code 313672

# DUDLEY electroflo<sup>+</sup>

## TOUCH-FREE ELECTRONIC TAPS AND URINAL CONTROLS



**Hygienic touch-free operation**



**User-friendly light touch operation**

**Water Electronics Saving**



Discreet sensor



Innovative remote control



Electronic urinal flushing



Perfect for commercial applications



Perfect for domestic applications

### Product Description

The innovative new Dudley Electroflo range of electronic taps and urinal controls combines hygienic touch-free operation with proven water saving technology to provide a flexible solution for most applications, whilst contemporary styling adds the perfect finishing touch.

### Uses

The robust construction of Electroflo taps ensures that they can be installed with confidence in most domestic bathrooms and commercial washrooms including hotels, hospitals, schools and motorway service stations.

### Special Features

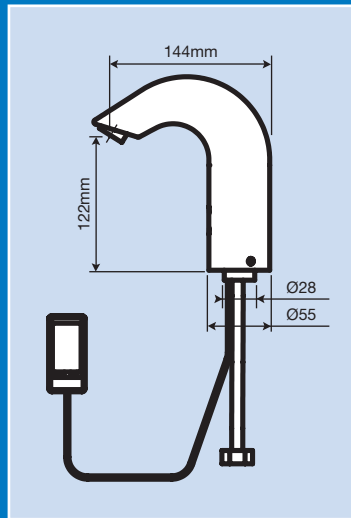
With hygiene and water conservation in mind the taps feature a discreet sensor for touch-free operation and switch off automatically, typically after 90 seconds. This can be adjusted and prevents the taps from being left running, which can waste water and potentially cause damage by flooding. With no external moving parts and a sturdy brass body, the taps are both reliable and vandal-resistant.

The sensor detection range, flow time and other key performance requirements can be adjusted manually or by using the innovative remote control, which is available separately. The remote control also enables several taps in a washroom to be individually adjusted.

The Electroflo Urinal wall-mounted flushing control offers hygienic touch-free flushing and is perfect for use in most commercial applications. The Urinal can be activated by a choice of brushed steel plates or a discreet chrome plated sensor and delivers a 24 hour hygiene flush for optimum cleanliness.

Battery and mains/transformer options are available.





Code

323676 (Battery)

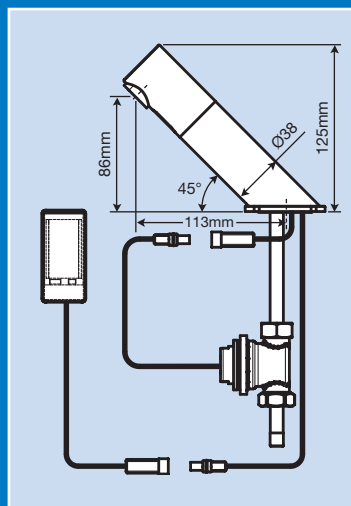
323677 (Mains)

### Technical information

Power supply	9V externally mounted battery or mains/transformer
Recommended water pressure	0.5 - 8.0 bar 8.0 bar + with a flow restrictor
Sensor range	80mm min. - 300mm max.
Max. temperature	70°C

### Electroflo Curve

- Vanity top mounted electronic tap
- Classic swan neck design
- Hygienic touch-free operation
- Proven water-saving technology
- Delivers cold or premixed warm water
- Shuts off when hand is removed from in front of sensor. Water delivery automatically stops after 90 seconds (can be adjusted)
- Robust one piece brass body
- Attractive chrome plated finish
- Heavy duty vandal-resistant design
- ½" BSP connection
- Must be installed in conjunction with a thermostatic mixing valve for premixed water
- Manual mix option available. Code 323903 (Battery)



Code

323684 (Battery)

323685 (Mains)

### Technical information

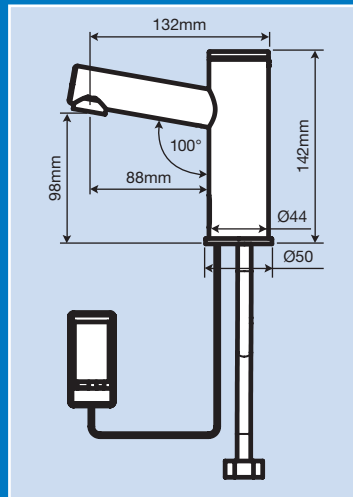
Power supply	9V externally mounted battery or mains/transformer
Recommended water pressure	0.3 - 8.0 bar 8.0 bar + with a flow restrictor
Sensor range	80mm min. - 300mm max. Sensor automatically calibrates on installation
Max. temperature	70°C

### Electroflo Linear

- Vanity top mounted electronic tap
- Sleek minimalist design
- Hygienic touch-free operation
- Proven water-saving technology
- Delivers cold or premixed warm water
- Shuts off when hand is removed from in front of sensor. Water delivery automatically stops after 90 seconds (can be adjusted)
- Robust brass body
- Attractive chrome plated finish
- Vandal-resistant design
- 15mm pushfit connection
- Must be installed in conjunction with a thermostatic mixing valve for premixed water

# DUDLEY electroflo<sup>®</sup>

## TOUCH-FREE ELECTRONIC TAPS AND URINAL CONTROLS



**Code** 323678 (Battery)  
323679 (Mains)

### Technical information

<b>Power supply</b>	9V externally mounted battery or mains/transformer
<b>Recommended water pressure</b>	0.5 - 8.0 bar 8.0 bar + with a flow restrictor
<b>Sensor range</b>	80mm min. - 300mm max.
<b>Max. temperature</b>	70°C

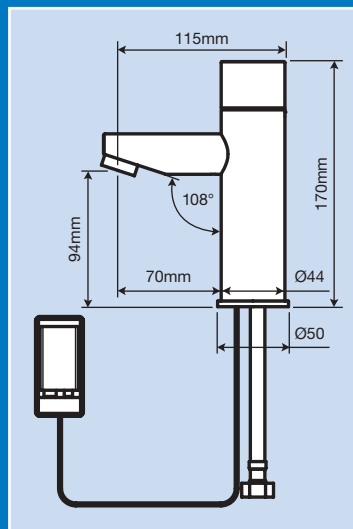
### Electroflo Contemporary

- Vanity top mounted electronic tap
- Stylish tubular design
- Hygienic touch-free operation
- Proven water-saving technology
- Delivers cold or premixed warm water
- Shuts off when hand is removed from in front of sensor. Water delivery automatically stops after 90 seconds (can be adjusted)
- Robust brass body
- Attractive chrome plated finish
- Vandal-resistant design
- ½" BSP connection
- Must be installed in conjunction with a thermostatic mixing valve for premixed water
- Manual mix option available. Code 323904 (Battery)



Can be supplied with optional ring illumination

**Code** 323680 (Battery)  
323681 (Mains)

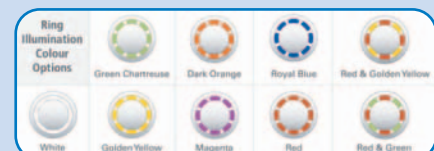


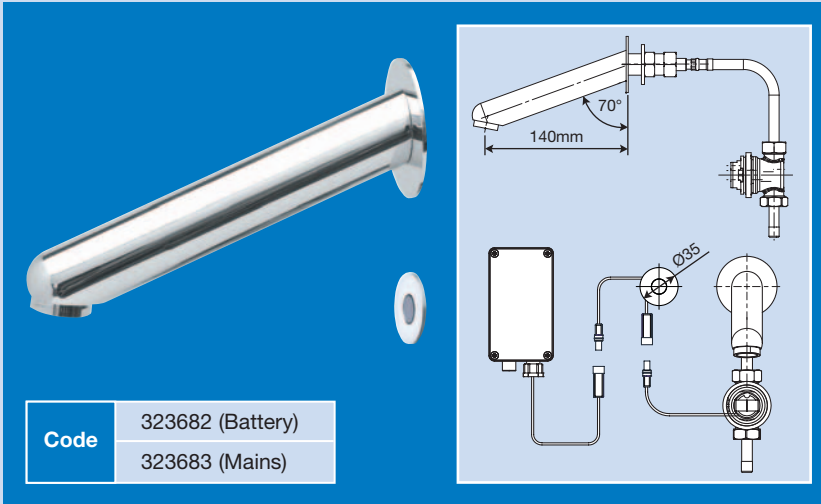
### Technical information

<b>Power supply</b>	9V externally mounted battery or mains/transformer
<b>Recommended water pressure</b>	0.5 - 8.0 bar 8.0 bar + with a flow restrictor
<b>Max. temperature</b>	70°C

### Electroflo Contemporary Light Touch

- Vanity top mounted electronic tap
- Stylish tubular design
- Light touch operation provides a cost-effective alternative
- Proven water-saving technology
- Delivers cold or premixed warm water
- Adjustable flow time from 1-60 seconds
- Robust brass body
- Attractive chrome plated finish
- Vandal-resistant design
- ½" BSP connection
- Must be installed in conjunction with a thermostatic mixing valve for premixed water





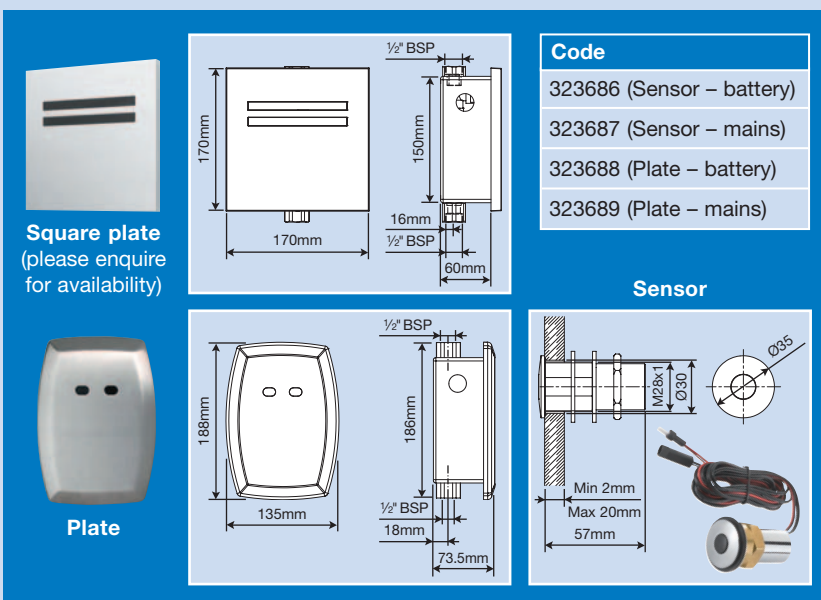
<b>Code</b>	323682 (Battery)
	323683 (Mains)

### Technical information

<b>Power supply</b>	6 x 1.5V AA externally mounted batteries or mains/transformer
<b>Recommended water pressure</b>	0.5 - 8.0 bar 8.0 bar + with a flow restrictor
<b>Sensor range</b>	50mm min. - 350mm max.
<b>Max. temperature</b>	70°C

### Electroflo Hygiene

- Wall mounted electronic tap
- Hygienic touch-free operation
- Proven water-saving technology
- Design aids after use drainage to prevent water borne bacteria
- Delivers cold or premixed warm water
- Adjustable flow time
- Robust brass body
- Attractive chrome plated finish
- Vandal-resistant design
- Perfect for use in applications where hygiene needs to be maintained
- 15mm pushfit connection
- Must be installed in conjunction with a thermostatic mixing valve for premixed water



<b>Code</b>	323686 (Sensor – battery)
	323687 (Sensor – mains)
	323688 (Plate – battery)
	323689 (Plate – mains)

**Square plate**  
(please enquire for availability)

**Plate**

**Sensor**

### Technical information

<b>Power supply</b>	<b>Sensor</b> – 9V externally mounted battery or mains/transformer <b>Plates</b> – 9V internally mounted battery or mains/transformer
<b>Recommended water pressure</b>	0.3 - 8.0 bar
<b>Sensor range</b>	Factory set at 55cm and adjustable

### Electroflo Urinal

- Wall mounted electronic urinal control
- Flush plate and sensor options available
- Hygienic touch-free operation
- Proven water-saving technology
- Adjustable flushing time 3-20 seconds
- Adjustable in and out delays
- Robust construction and vandal-resistant design
- Plates supplied in brushed steel finish
- Sensor surround is chrome plated
- 24 hour hygiene flush
- 1/2" BSP connection – plate
- 15mm pushfit connection – sensor

# DUDLEY

# Toilet Seats



1

## Product Description

The new range of Dudley quality toilet seats provides a reliable solution to most applications.

Like all Dudley bathroom products, our seats undergo rigorous and exhaustive testing. They are robustly manufactured from proven thermoplastic and thermoset materials and come with a two year guarantee.

## Uses

Wherever plastic toilet seats are required, the Dudley range can be installed with confidence.

Supplied with adjustable hinges as standard\*, Dudley seats can be used with the majority of WC pans sold in the UK but are particularly suitable for use with back-to-wall and close coupled suites. Their attractive, glossy finish adds the perfect touch to any domestic bathroom or commercial/public washroom.

## Special Features

Our easy-fit hinges (inset 2) are fitted in seconds. The nut slides over the thread and requires only a few turns to tighten. As a result, installation is quicker and simpler than with traditional hinges. The hinge centres are adjustable to suit most WC pans. Top fix hinges can be supplied for use in back-to-wall and other applications where access from below is restricted. For replacement hinges, see page 48.

Every seat comes with an aesthetically pleasing, scratch-resistant glossy surface. This hard-wearing finish is simple to clean and helps to keep bathrooms hygienically fresh. This is particularly beneficial in hospitals and other public areas where maintaining cleanliness is of paramount importance.

Durable rubber buffers (inset 4) cushion and protect the seat and cover, helping to maximise working life.

Where available, soft-close hydraulic hinges (inset 5) provide an extremely gentle and silent closing action and prevent the seat from crashing down onto the fingers of children and other users.

\*Except for the soft-close hinges on the Celine seat.



2

Adjustable, easy-fit hinges suit most WC pans & are installed in seconds



3

Durable material & construction



4

Durable rubber lid & seat buffers



5

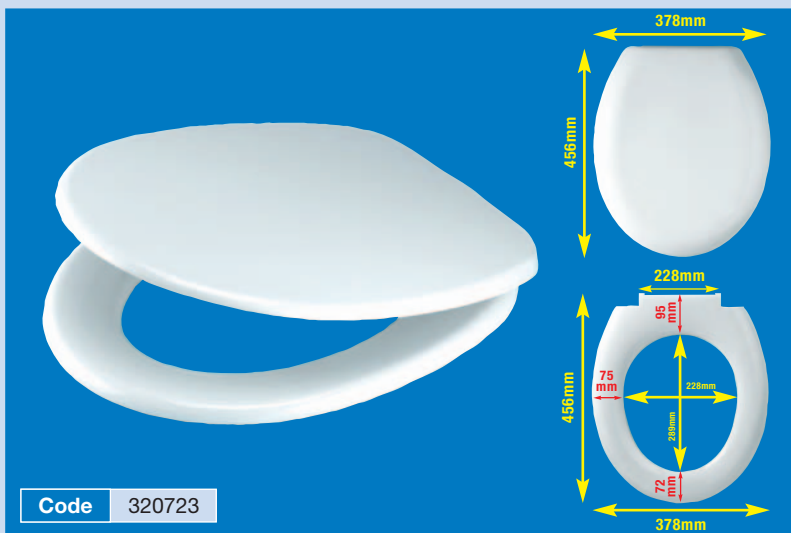
Soft-close action



6

Hygienic, easy-clean surface

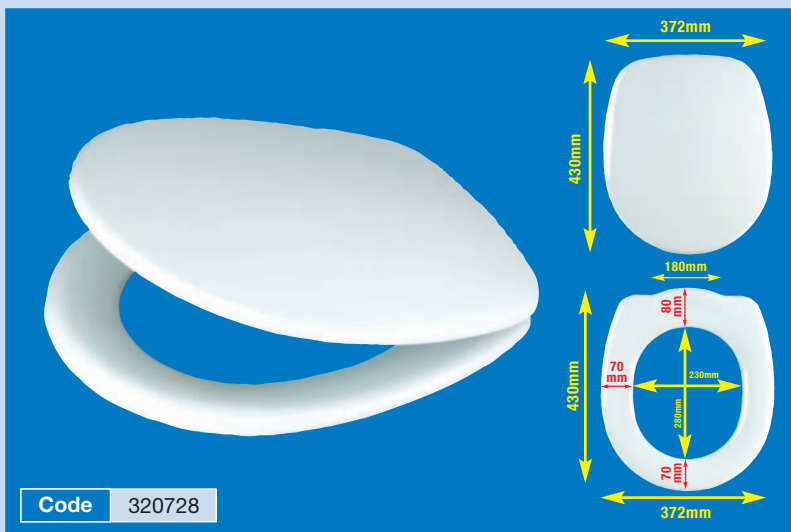
## THERMOSET Toilet Seats



Code 320723

### Celine

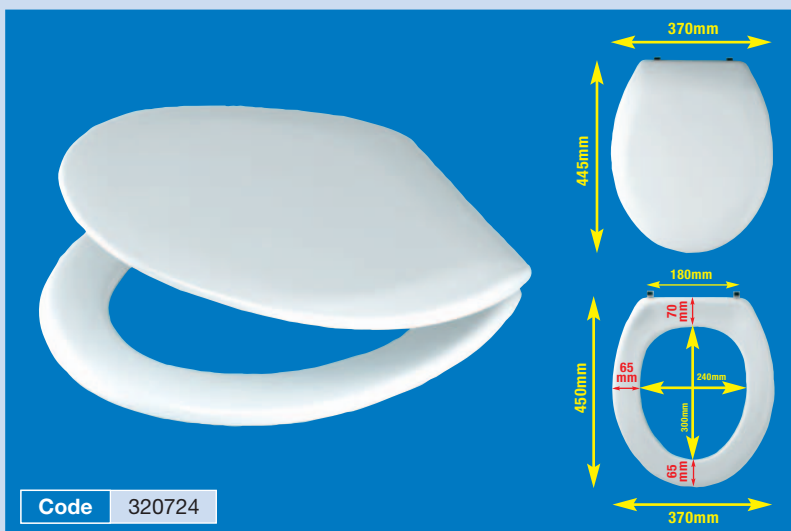
- Soft closing action
- Anti-bacterial
- Heavy-duty 2.3Kg seat
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface



Code 320728

### Arianne

- Heavy-duty 2.3Kg seat
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface
- Top fix hinges available as an optional extra (Code 320913)



Code 320724

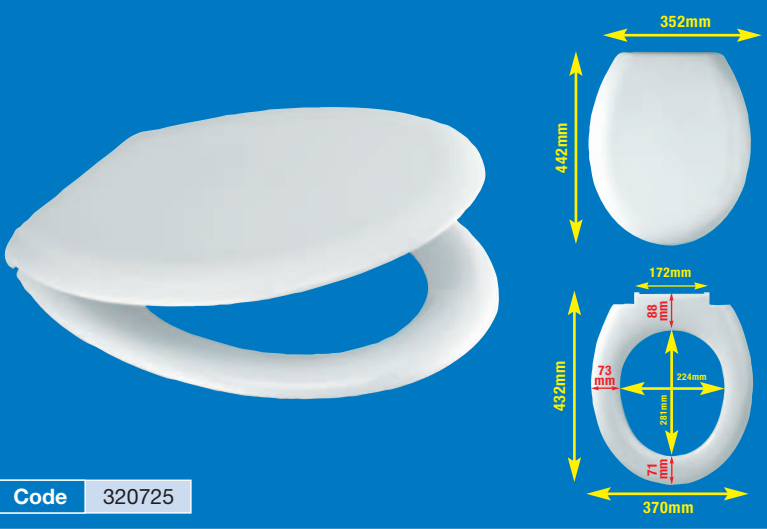
### Boudicea

- Heavy-duty 2.1Kg seat
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface
- Top fix hinges available as an optional extra (Code 320913)



# DUDLEY

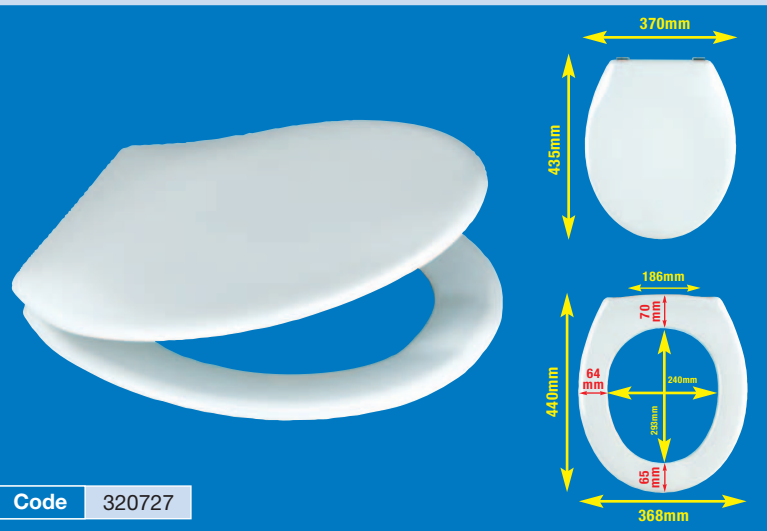
## THERMOSET Toilet Seats



Code 320725

### Eve

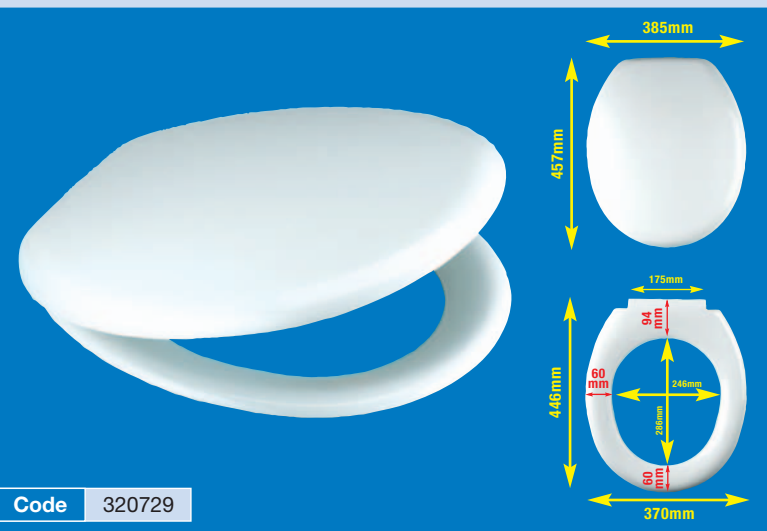
- Medium-duty 1.55Kg seat
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface
- Top fix hinges available as an optional extra (Code 320913)



Code 320727

### Francesca

- Heavy-duty 2.5Kg seat
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface
- Top fix hinges available as an optional extra (Code 320913)



Code 320729

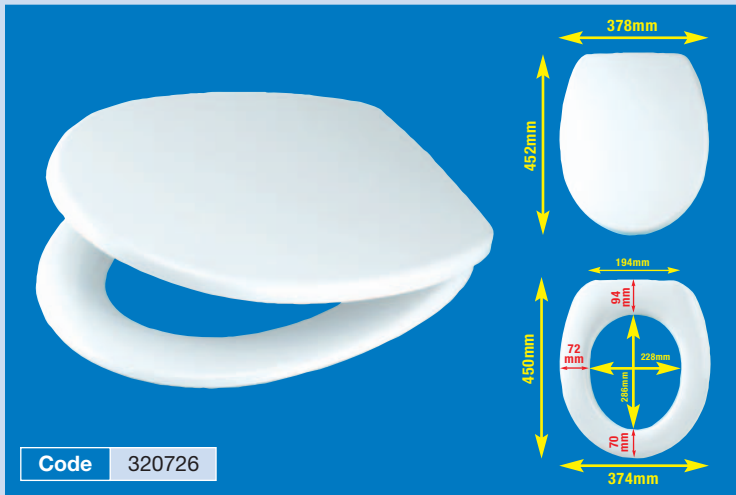
### Nadia

- Heavy-duty 2.2Kg seat
- Wrap-over style cover
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface
- Top fix hinges available as an optional extra (Code 320913)



# DUDLEY

## THERMOSET Toilet Seats



Code 320726

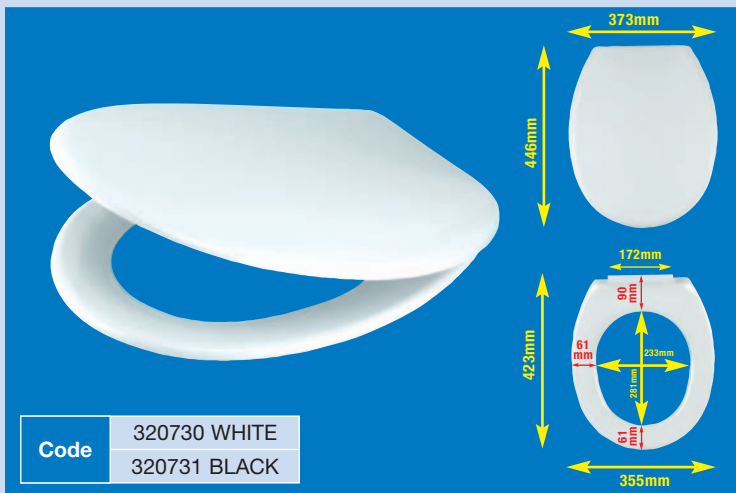
### Tamara

- Heavy-duty 2.3Kg seat
- Available in glossy White
- Rubber seat and cover buffers
- Easy-clean surface
- Top fix hinges available as an optional extra (Code 320913)



## DUDLEY

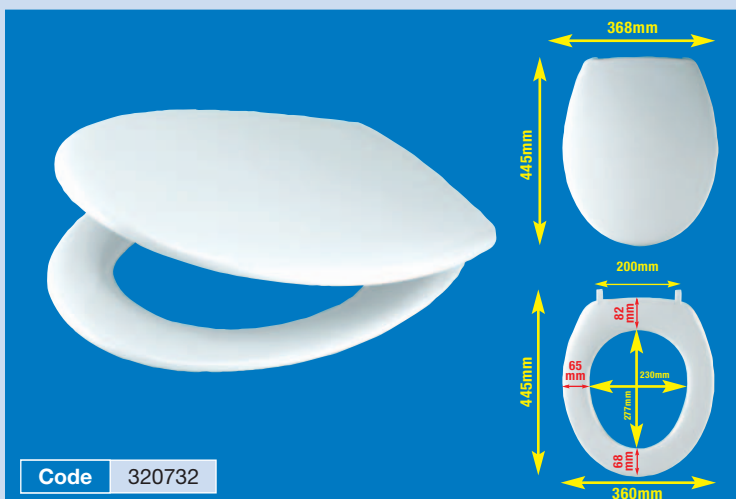
### THERMOPLASTIC Toilet Seats



Code 320730 WHITE  
320731 BLACK

### Amelia

- Medium-duty 1.2Kg seat
- Wrap-over style cover
- Available in glossy White & Black
- Rubber seat and cover buffers
- Easy-clean surface



Code 320732

### Danielle

- Medium-duty 1.65Kg seat
- Available in glossy White & Black
- Rubber seat and cover buffers
- Easy-clean surface



**DUDLEY****Toilet Seats**

Code	Thermoset Seats
<b>320723</b>	White Celine seat (with soft-close, stainless steel hinges)
<b>320728</b>	White Arianne seat (with adjustable stainless steel hinges)
<b>320724</b>	White Boudicea seat (with adjustable stainless steel hinges)
<b>320725</b>	White Eve seat (with adjustable stainless steel hinges)
<b>320727</b>	White Francesca seat (with adjustable stainless steel hinges)
<b>320729</b>	White Nadia seat (with adjustable stainless steel hinges)
<b>320726</b>	White Tamara seat (with adjustable stainless steel hinges)
<b>323331</b>	<b>NEW</b> White Rhianna seat (with stainless steel hinges)
<b>323330</b>	<b>NEW</b> White Rhianna seat (with soft-close stainless steel hinges)
<b>323329</b>	<b>NEW</b> White Esme seat (with soft-close stainless steel hinges)
Extras	
<b>Please enquire</b>	Top fix hinges for Arianne, Boudicea, Eve, Francesca, Nadia & Tamara seats
Code	Thermoplastic Seats
<b>320730</b>	White Amelia seat (with adjustable plastic hinges)
<b>320731</b>	Black Amelia seat (with adjustable plastic hinges)
<b>320732</b>	White Danielle seat (with adjustable plastic hinges)
<b>323332</b>	<b>NEW</b> White Bianco seat (with adjustable plastic hinges)
Code	Replacement Hinges
<b>320914</b>	Soft-close stainless steel for Celine seat
<b>320911</b>	Adjustable stainless steel for Arianne, Boudicea, Eve, Nadia & Tamara seats
<b>320912</b>	Adjustable stainless steel for Francesca seat
<b>320910</b>	Adjustable plastic for Amelia & Danielle seats
<b>320913</b>	Top fix for Arianne, Boudicea, Eve, Francesca, Nadia & Tamara seats
—	Adjustable top fix stainless steel for standard and soft-close Rhianna and Esme seats
—	Adjustable bottom fix stainless steel for standard and soft-close Rhianna and Esme seats
—	Adjustable plastic bottom fix for Bianco seat










# DUDLEY Spares & Accessories


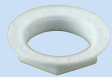




DUDLEY ACCLAIM & DIPLOMAT CISTERN		
	Code	Option
	—	S7 6/7/9 litre convertible syphon
	<b>316549</b> <b>319042</b>	CP front lever assembly (state cistern) Acclaim Diplomat
	<b>318166</b>	Red plastic lift-arm (state cistern)
	<b>313942</b>	Green plastic lift-arm (state cistern)
	<b>318806</b> <b>315643</b>	H/L plastic side lever (needs fulcrum bracket and screw – see below) New Old
	<b>313126</b>	Fulcrum bracket and screw








DUDLEY ELITE CISTERN		
	Code	Option
	—	S7 216mm (8 1/2") 6/7/9 litre convertible syphon (lever action)
	<b>314642</b>	S88 216mm (8 1/2") 7/9 litre convertible syphon and linkage assembly (push action)
	<b>313604</b>	CP push knob
	<b>318741</b> <b>318851</b>	P2/P3 lever linkage: 170mm 125mm
	<b>318671</b>	PK pin, washer and cotter pin
	<b>316549</b>	CP front lever assembly, 85mm spindle
	<b>318166</b>	Red plastic lift-arm, 64mm (2 1/2") C/S
	<b>313942</b>	Green plastic lift-arm, 64mm (2 1/2") C/S
	<b>316218</b>	Lid screw for front lever Elite (1 needed)

DUDLEY SLIMLINE PLASTIC CISTERN		
	Code	Option
	—	S7 216mm (8 1/2") 6/7/9 litre convertible syphon
	<b>316549</b>	CP front lever assembly, 85mm spindle
	<b>318166</b>	Red plastic lift-arm, 64mm (2 1/2") C/S
	<b>313942</b>	Green plastic lift-arm, 64mm (2 1/2") C/S
	<b>316218</b>	Lid screw (1 needed)

DUDLEY TRI-SHELL CISTERN		
	Code	Option
	—	S7 191mm (7 1/2") 6/7/9 litre convertible syphon
	<b>317814</b>	CP metal front lever assembly, 95mm spindle
	<b>318166</b>	Red plastic lift-arm, 64mm (2 1/2") C/S
	<b>313942</b>	Green plastic lift-arm, 64mm (2 1/2") C/S
	<b>314614</b>	H/L metal side lever (needs fulcrum bracket and screw – see below)
	<b>313126</b>	Fulcrum bracket and screw
	<b>313377</b>	Lid screw (2 needed)

# DUDLEY Spares & Accessories

DUDLEY TRI-WELL CISTERN		
	Code	Option
	<b>315716</b>	Spares Pack (including diaphragm, 'O' ring and piston washer)
	<b>314837</b>	Plastic Backnut (1 1/2")
	<b>316571</b>	Plastic Capnut (1 1/2")
	<b>320963</b>	Lever
	<b>313126</b>	Fulcrum bracket and screw
	<b>313377</b>	Lid screw (2 needed)




DAUNTLESS RUBBERLINE/RUBBER WELL CISTERN		
	Code	Option
	<b>317449</b> <b>318743</b>	S1-11 229mm (9") 7/9 litre convertible syphon: with brass outlet and nuts (Rubberline) with plastic outlet and nuts (Rubber Well)
	<b>315716</b>	Spares Pack (including diaphragm, 'O' ring and piston washers)
	<b>317234</b>	Brass Backnut
	<b>316382</b>	Brass Capnut
	<b>313973</b>	Galvanised cast iron lever, 243mm C/S
	<b>316171</b>	Fulcrum bracket and screw
	—	Lid screw (1 needed)

DUDLEY MIRAGE & PHANTOM CONCEALED CISTERNS		
	Code	Option
	<b>316267</b>	S7 216mm (8 1/2") 6/7/9 litre convertible syphon (lever action)
	<b>318166</b>	Red plastic lift-arm (state cistern)
	<b>313942</b>	Green plastic lift-arm (state cistern)
	<b>314614</b>	H/L metal side lever for H/L Mirage (needs fulcrum bracket and screw - see below)
	<b>313126</b>	Fulcrum bracket and screw
	<b>317093</b>	Lid screw (1 needed): Mirage/T88 syphon
	<b>314063</b>	Mirage/S7 syphon
	<b>317093</b>	Phantom/T88 syphon
	<b>317093</b>	Phantom/S7 syphon

FRONT LEVER ASSEMBLIES WITH LIFT ARM		
	Code	Option
	<b>315881</b>	CP plastic, 120mm spindle
	<b>317814</b>	CP metal: 95mm spindle
	<b>313794</b>	120mm spindle
	<b>316786</b>	CP Windsor: 80mm spindle
	<b>316827</b>	95mm spindle
	<b>318659</b>	110mm spindle
	<b>316437</b>	120mm spindle
	<b>317072</b>	140mm spindle
	<b>318767</b>	CP Kit 'P', 115mm spindle, 80mm bush
	<b>319732</b>	CP Kit 'W', 225mm spindle, 160mm bush
	<b>313964</b>	CP Kit 'A', 325mm spindle, 260mm bush
	<b>313149</b>	CP Kit 'B', 430mm spindle, 368mm bush
	<b>316181</b> <b>318090</b> <b>315616</b> <b>313160</b>	Extra for 'front fit' lever, Allen screw and keys: Kit 'P' Kit 'W' Kit 'A' Kit 'B'

# DUDLEY Spares & Accessories

## CP DIMPLE LEVER ASSEMBLIES FOR EASY FLUSHING BY THE LESS ABLE

	Code	Option
	<b>315568</b>	120mm spindle with 'CAMEL' adjustable lift-arm
	<b>317591</b>	Kit 'W' version with 225mm spindle, 160mm bush
	<b>318252</b>	Kit 'A' version with 325mm spindle, 260mm bush
	<b>318138</b>	Kit 'B' version with 430mm spindle, 368mm bush












## DUDLEY PUSHFLO and ROYAL PUSHFLO CONCEALED CISTERNS







	Code	Option
	<b>316562</b>	CP Dome button for Pushflo cistern (single flush) 91mm dia.
	<b>316269</b>	CP Cone button for Pushflo cistern (single flush) 50mm dia.
	<b>320185</b>	CP Petite button for Pushflo cistern (single flush) 46mm dia.
	<b>313621</b>	CP Royal pneumatic button for Royal Pushflo cistern (single flush) 51mm dia.
	<b>314962</b>	Cone ring (50mm I.D.)
	<b>319678</b>	Capnut (2" BSP/ 51mm I.D.)
	<b>315604</b>	Backnut (2" BSP/ 51mm I.D.)
	<b>318289</b>	Outlet washer (2" BSP/ 51mm I.D.)
	<b>314306</b>	Niagara pneumatic 6L single flush valve for Royal Pushflo cistern
	<b>316129</b>	Pinto pneumatic 6L single flush valve for Pushflo cistern









## DUDLEY VANTAGE CONCEALED CISTERN

	Code	Option
	<b>313085</b>	CP Round or Square button 73.5mm dia: Single flush – Round
	<b>314600</b>	Single flush – Square
	<b>315921</b>	Dualflush – Round
	<b>318431</b>	Dualflush – Square
	<b>316608</b>	Gold Round or Square pneumatic button 73.5mm dia: Single flush – Round
	<b>317981</b>	Single flush – Square
	<b>318547</b>	Dualflush – Round
	—	Dualflush – Square
	<b>322408</b>	CP Dio pneumatic button (dualflush) 51mm dia.
	<b>313621</b>	CP Royal pneumatic button (single flush) 51mm dia.
	<b>323579</b>	Access cover – front
	<b>313748</b>	Access cover – top
	<b>317532</b>	Push-fit inlet elbow
	<b>314962</b>	Cone ring (50mm I.D.)
	<b>319678</b>	Capnut (2" BSP/ 51mm I.D.)
	<b>315604</b>	Backnut (2" BSP/ 51mm I.D.)
	<b>318289</b>	Outlet washer (2" BSP/ 51mm I.D.)
	<b>317704</b>	Braided hose and isolating valve
	<b>314306</b>	Niagara pneumatic 6L single flush valve
	<b>316723</b>	Niagara pneumatic 6/4L dualflush valve
	<b>313096</b>	Snap-fit cistern fixing brackets
	<b>322326</b>	390 x 260mm flushbend (tapered 2" - 1½")

# DUDLEY Spares & Accessories











SYPHON ACCESSORIES		
	Code	Option
	<b>313313</b>	Dudley 'SYVAC' syphonic aspirator (for S7 and T88 only)
	<b>Please enquire</b>	Plastic piston complete with polythene diaphragm
	<b>314837</b>	Plastic backnut 38mm
	<b>316571</b>	Plastic capnut 38mm
	<b>318134</b>	SS 'C' link up to 76mm (3")
	<b>318729</b>	SS 'C' link: 3 1/4"
	<b>317307</b>	3 1/2"
	<b>317898</b>	3 5/8"
	<b>317143</b>	SS 'C' link: 4"
	<b>322946</b>	4 1/4"
	<b>318323</b>	4 1/2"
	<b>317537</b>	5 1/2"
	<b>Please enquire</b>	Polythene syphon diaphragm
	<b>Please enquire</b>	Plastic automatic syphon
	<b>319228</b>	Turbo 88 spares pack (inc. diaphragm, 'O' ring and piston washers)
	<b>318665</b>	Turbo 44 spares pack (inc. diaphragm, 'O' ring and piston washers)

BUTTON & FLUSH VALVE SPARES		
	Code	Option
	<b>319473</b>	VR (Vandal Resistant) flat metal button for Pushflo cistern – fits up to 38mm partition (single flush) 63.5mm dia.
	<b>315521</b>	Metal Dome button for Pushflo cistern (single flush) 91mm dia.
	<b>321685</b>	Metal Royal button for Royal Pushflo and Vantage cistern (single flush) 51mm dia.
	<b>319059</b>	Pneumatic tube: Clear
	<b>318634</b>	Green
	<b>313838</b>	Corrugated tube
	<b>321958</b>	Black pan connector
	<b>319896</b>	Dualflush button for cable operated valve

DUDLEY NIAGARA FLUSH VALVE SPARES					
	Code	Option		Code	Option
<b>Niagara mechanical:</b>			<b>Niagara pneumatic:</b>		
	<b>318082</b>	38mm (1 1/2") outlet adaptor		—	Bellows
	<b>314318</b>	CP pushbutton assembly pack	<b>Mechanical and pneumatic:</b>		
<b>SEE CP PACK ABOVE</b>	<b>313168</b>	Gold effect pushbutton assembly pack		<b>318289</b>	Outlet washer (2" BSP / 51mm I.D.)
	<b>315900</b>	Push rods		<b>315604</b>	Backnut (2" BSP / 51mm I.D.)
	<b>314574</b>	Outlet seal 38mm (I.D.)		<b>319678</b>	Capnut (2" BSP / 51mm I.D.)

# DUDLEY Spares & Accessories

BALLVALVES & GENERAL PARTS		
	Code	Option
	<b>317152</b> <b>316574</b>	32mm (1¼") dia. shaped rubber diaphragm Torbeck Beta
	<b>Please enquire</b>	Torbeck equilibrium quiet-filling ballvalve SISO or BIBO (Alt. See Dudley Hydroflo page 37)
	<b>318410</b>	13mm (½") plastic petcock for automatics
	<b>317820</b>	114mm (4½") round "Qualifloat" plastic float
	<b>317501</b>	114mm (4½") elongated plastic float
	<b>316828</b>	19mm (¾") plastic overflow
	<b>316308</b>	19mm (¾") plastic pedestal overflow 215mm
	<b>314065</b>	Plated chain and plastic pull
	<b>315841</b> <b>315432</b>	Tapered cone ring for flushbend: 38mm Low Level 32mm High Level
	<b>317165</b> <b>316340</b>	'CAMEL' adjustable lift-arm: Neutral Blue
	<b>319249</b>	Overflow stopper 19mm

HYDROFLO INLET FLOAT VALVE		
	Code	Option
	<b>317158</b>	Filter and 'O' Ring
	<b>313299</b>	Filter Key
	<b>317673</b>	Rubber washer (37.5mm O.D.)
	<b>317733</b>	Float
	<b>318949</b>	Float arm and pressure chamber cover
	<b>319626</b>	Silence tube
	<b>318756</b>	Flow restrictor
	<b>319726</b>	Diaphragm
	<b>316295</b>	Backnut (½" BSP)
	<b>316999</b>	Overhead discharge nozzle assembly (Divertor including silence tube)

PVC FLUSHBENDS & FLUSHPIPES			
Code	Option	Code	Option
<b>319415</b>	356 x 229 x 38mm (14" x 9" x 1½") O.D. – White		1678 x 32mm (5' 6" x 1¼") bore 2-piece backwall:
<b>Please enquire</b>	356 x 229 x 38mm (14" x 9" x 1½") O.D. – Colour	<b>316561</b> <b>314661</b>	38mm (1½") collar – White 44mm (1¾") collar – White
<b>322326</b>	390 x 260mm Tapered 51-41mm – White		1678 x 32mm (5' 6" x 1¼") bore 3-piece sidewall:
<b>317684</b>	610 x 457 x 38mm (24" x 18" x 1½") O.D. – White	<b>314758</b> <b>315587</b>	38mm (1½") collar – White 44mm (1¾") collar – White
		<b>318054</b>	Flow restrictor for high level flushpipe

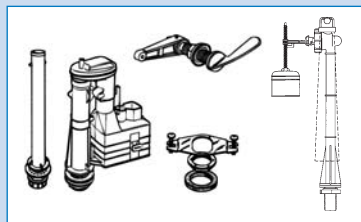
# DUDLEY Spares & Accessories

## Sets of Internal Cistern Fittings

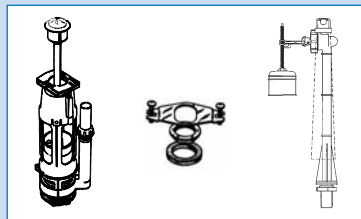
Sets of internal cistern fittings can be supplied for most ceramic sanitaryware. Please enquire stating manufacturer and model.

Fitting packs typically include a flushing syphon or outlet valve, an inlet valve and a lever kit or push button. Packs can be fully tailored to meet your individual requirements to comply with the Regulator's Specification.

Using our modern in-house laboratory and life cycle testing facilities, Thomas Dudley Ltd also undertakes third party testing to 'WRAS' specifications. These test results and associated paperwork can then be submitted to WRAS on behalf of customers for WRAS certification.



Typical syphon/lever fittings pack (bottom inlet)



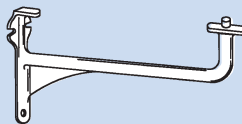
Typical valve/pushbutton fittings pack (bottom inlet)

# DUDLEY Bathroom Castings

To complement our bathroom products, Thomas Dudley Ltd manufactures a comprehensive range of high quality castings. This range comprises over 2,000 products including towel rail brackets, sink brackets (and legs), basin brackets (and legs), basin hanger brackets, decorative brackets and many other products.

Please ask your plumbers merchant for details.

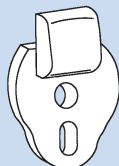
TOWEL RAIL BRACKET  
SCREW TO WALL



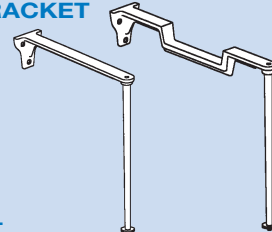
BRACKETS & LEGS FOR BASINS



HANGER BRACKETS

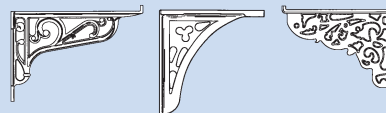


SINK BRACKET & LEGS



SCREW TO WALL

DECORATIVE BRACKETS



## Other Thomas Dudley Group Companies

### masefield·epson ltd

Masefield-Epson Limited supplies a vast range of plumbing spares and accessories. Serving plumbers merchants, distributors and the sanitaryware industry, the Company manufactures and distributes BBS Autosyphons, Holdtite Products and other high quality components.

[www.masefield-epson.co.uk](http://www.masefield-epson.co.uk)



Beta Ballvalves Limited is one of the UK's foremost suppliers of brass and plastic ballvalves. These are complimented by stopcocks, radiator valves, flexible hoses, drain rods and a wide selection of general plumbing accessories.

[www.betaballvalves.co.uk](http://www.betaballvalves.co.uk)



Waterfit Limited is a leading manufacturer of high quality gunmetal and plastic fittings for the water industry. The Waterfit brand encompasses meter box chambers, meter and stopcock carriers, ferrules and ferrule straps, saddle straps and associated products.

[www.waterfit.co.uk](http://www.waterfit.co.uk)



McDonald Diecasting Limited specialises in zinc diecasting. Suitable for plating finishes, these components are used extensively within the bathroom, automotive, window, engineering and furniture industries.

[www.mcdonald-diecasting.co.uk](http://www.mcdonald-diecasting.co.uk)



# Thomas Dudley Ltd.

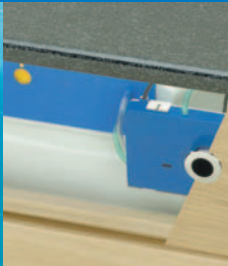
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- We have attained BS EN ISO 14001, the recognised standard for environmental management systems
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- We invest heavily in technology designed to reduce our emissions and energy consumption
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- Our catalogues are printed on recycled paper by local printers
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- Our foundry converts scrap iron into value added products to provide the ultimate recycling service
- Our plastics division recycles waste plastic produced during production
- We manufacture and strongly promote the use of water-saving bathroom products. To enable these to be easily identified by specifiers, our packaging and literature are clearly labelled with Water Technology List and Bathroom Manufacturers Association Water Efficient Product branding
- Water-saving dualflush WCs are installed throughout our premises



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