Product Range Catalogue





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.



cistern that's requirements of today and the



16





Features and options for the cistern including the small DIO pneumatic button, extracting fan.



See page 18







Electroflo hygienic touch-free flushing for the Vantage



Provides water saving dualflush

20





flushing controls for hygienic



See page



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 OF SECOND SECOND



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.

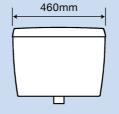
The Acclaim 'S' comes with a white lever as standard, whilst a chrome plated lever is available as an optional extra for that perfect finishing touch. The Acclaim 'V' is supplied with a chrome plated top push button. A gold-effect finish is also available.

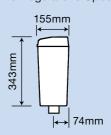
Both the Acclaim 'S' and 'V' are fitted with a 13mm ($\frac{1}{2}$ ") float valve, side connections and an internal/external overflow warning pipe.

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.



- 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





Diplomat





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

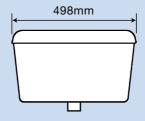
The Diplomat is fitted with a 13mm ($\frac{1}{2}$ ") float valve, side connections and an internal/external overflow warning pipe.

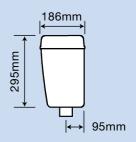
Black and white low level models come with a white lever as standard. A chrome plated lever is also available which is supplied as standard with all coloured cisterns.

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.



- 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 TM





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

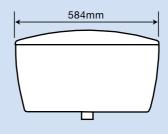
The cistern is fitted with a 13mm ($\frac{1}{2}$ ") float valve, side connections and an internal/external overflow warning pipe.

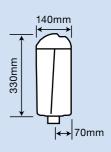
White models come with a white lever as standard. A chrome plated lever is also available which is supplied as standard with all coloured cisterns.

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.



- 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





Simine





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.

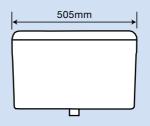
Special Features

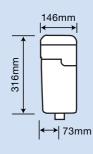
The Slimline is supplied with an internal/external overflow warning pipe for installation flexibility. The cistern is also fitted with side connections and a 13mm ($\frac{1}{2}$ ") float valve as standard.

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.

- 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.

hell turbo



HEAVY DUTY CISTERN WITH WATER-SAVING*

DUDLEY Duoflush



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 **Dualflush** 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*.



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



HEAVY DUTY CISTERN WITH WATER-SAVING*

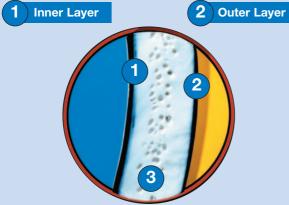
DUDLEY Duoflush

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.



Unique, exceptionally strong cellular core

SALES HOTLINE TEL: 0121 530 7000

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 highgloss finish. This makes it ideal for use in domestic bathrooms where appearance is often very important.

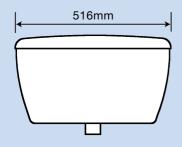


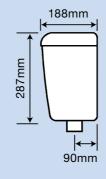
The Tri-Shell comes with an internal/external overflow warning pipe and can be supplied with side or bottom connections.

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.







- 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 (41/2") top offset)
- Unrivalled track record with almost two million installations
- *Internal parts comply with the Regulator's Specification

Duty Cistern Well Bottom Heavy



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.



Well Bottom Heavy Duty Cistern

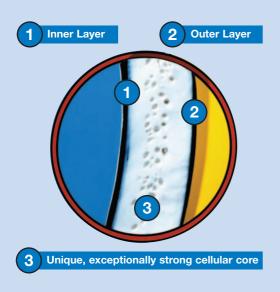
Special Features

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.



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

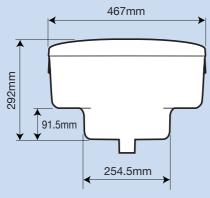


Syphon body can be removed from cistern leaving down leg in position.

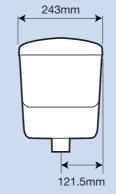


Servicing can then be carried out without turning off water and dismantling cistern.









- 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

itomatic 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.



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 Dudley Tri-Shell Heavy Duty Auto

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 Dudley Acclaim Auto



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 Dudley Mirage Concealed Auto

- 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



concealed cistern







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.

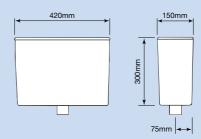
Special Features

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.

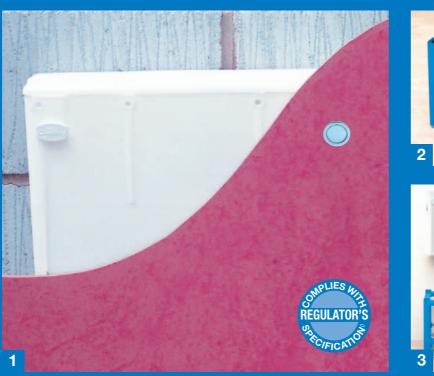
A vandal resistant metal button can be supplied for use in areas that may be subject to heavy wear or misuse.

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

- 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













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).

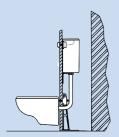


Special Features

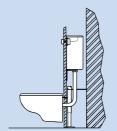
Designed with flexibility in mind:

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.

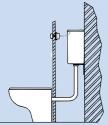
Installation Examples



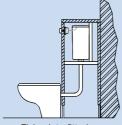
Front or rear wall fixing with Dudley Sentinel bracket & wall-hung WC pan



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



Front or rear wall fixing with floor-mounted WC pan



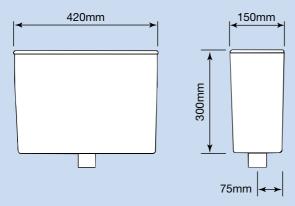
Fixing into fitted bathroom furniture

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.



- 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
- Internal parts comply with the Regulator's Specification







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.





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



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



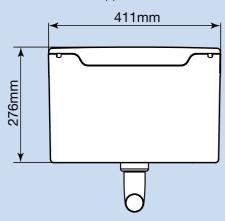
True push-fit flushbend

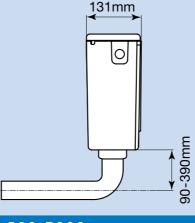


Installer-friendly hanging bracket

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





SALES HOTLINE TEL: 0121 530 7000

Vantage concealed cistern











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



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



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).

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.

Special FeaturesPneumatic 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

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

750mm away from the cistern.

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.



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



51mm dia. "Royal"











73.5mm sq. Square/Roun

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.

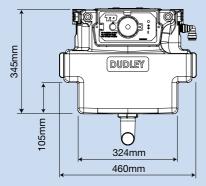


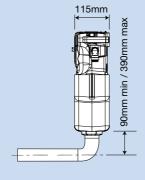
Silence is golden!

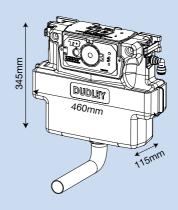
The Vantage is also fitted with the new Dudley Hydroflo float valve for an extremely quiet filling operation after every flush.

- 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







Electrofio



HYGIENIC TOUCH-FREE ELECTRONIC FLUSHING







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



100mm diameter dualflush and single flush surrounds for commercial applications







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

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 infrared 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

20

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.

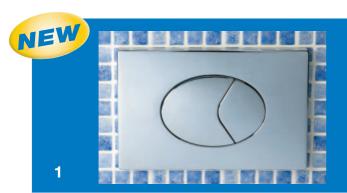
- Sensor housing fits into 21mm hole
- Sensor surround has a diameter of 40mm (domestic) and 100mm (commercial)
- Supplied as dualflush, converts to single flush
- 15 second delay between flushes
- Standard cable measures 400mm
- * The Electroflo will be available shortly please enquire





PNEUMATIC DUALFUSH PUSH PLATES FOR USE WITH THE DUDLEY VANTAGE CONCEALED CISTERN AND ILLUSION V FRAME

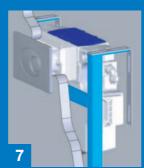








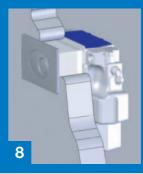




Installed with Illusion 'V' frame



Plates can be badged with bespoke corporate logos*



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).

Installed

Vantage

cistern

fixed to rear wall

with

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.

- 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.



concealed cistern







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 prefabricated factory built pods and is compatible with most modern construction techniques.

Made from high-impact polystyrene, the leveroperated 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.





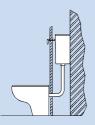


concealed cistern

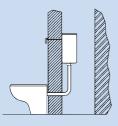
Special Features

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

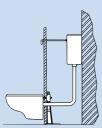
Installation Examples



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.

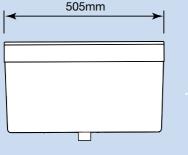
Each vandal resistant metal lever comes with a stop which prevents the lever from being rotated backwards. This enables the Mirage to be installed with confidence into public areas where there is the potential for misuse.

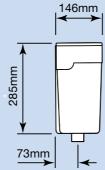
the Land	Wide range of lever kits		
	Lever Spindle Length	Effective Lever Bush Length*	Partition/Wall Thickness
Lever Kit P	115mm	80mm	12-65mm
Lever Kit W	225mm	160mm	12-145mm
Lever Kit A	325mm	260mm	12-245mm
Lever Kit B	430mm	368mm	22-365mm

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.





- 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
- Internal parts comply with the Regulator's Specification











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*.



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.



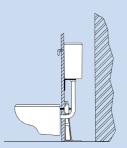


Special Features

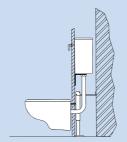
Designed with flexibility in mind:

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

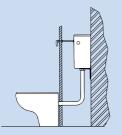
Installation Examples



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.

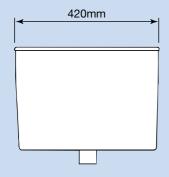
The Phantom is operated with a lever and can be supplied with a variety of lever kits to fit partition/wall thicknesses from 12-365mm.

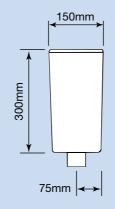
Each vandal resistant metal lever comes with a stop which prevents the lever from being rotated backwards. This makes the Phantom ideal for use in public areas where there is the potential for misuse.

the last	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.





- 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
- Internal parts comply with the Regulator's Specification



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

- High impact vandal-resistant stainless steel construction
- Cannot be unscrewed from the front, providing an antiligature 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

ILLUSION UNIUERSAL

FRAME FOR WALL-HUNG WC PANS











Reversible wall brackets can be fixed through 180°

Floor brackets rotate through

Legs are quickly and easily

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 conjuction 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

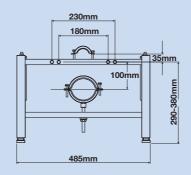
The wall fixing brackets (inset 4) can be fixed at any angle through 180 degrees. This enables the Universal to be installed into most ducted applications and helps to overcome uneven rear walls. These brackets are reversible, allowing the frame to be fitted between 200mm and 390mm from the rear wall.

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







DUDLEYILLUSION COMPACT UNIVERSAL

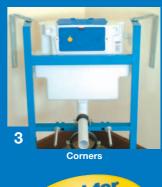
The new Dudley Illusion Compact Universal is the same as the Universal frame but has a width of just 345mm and can be fitted between 200mm and 390mm from the rear wall. This makes it ideal for use in bathroom furniture and confined spaces.

ILLUSION 'U'

DUDLEY VANTAGE CISTERN & FRAME FOR WALL-HUNG WC PANS









Flat walls

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 'U'

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*

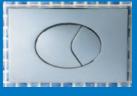


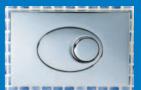






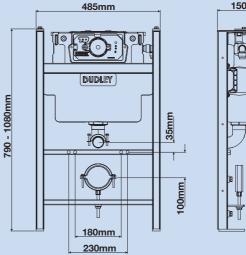
73.5mm dia. and 73.5mm sq. For panels/walls up to 125mm thick





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

- 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



ILLUSION FREESTANDA[™]

FREE STANDING FRAME FOR WALL-HUNG WC PANS





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.

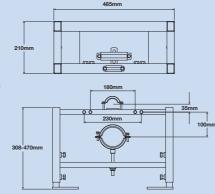
The frame can also be used in conjuction with any lever, pushbutton or electronically operated Dudley concealed cistern to provide a tailor made solution. It passes the 400Kg load test based on EN 997 and can be installed with confidence.

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







Can be used with all Dudley concealed cisterns



Legs are quickly and easily adjusted



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



Pneumatic push plates
- see page 21



Electronic flushing - see page 20

ILLUSION BIDET

FRAME FOR WALL-HUNG BIDETS





Reversible wall brackets can be fixed through 180°

Floor brackets rotate through 360°

Product Description

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

llses

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.

- 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



230mm 180mm 290-380mm



ILLUSION BASIN

FRAME FOR WALL-HUNG BASINS

Product Description

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

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

Special Features

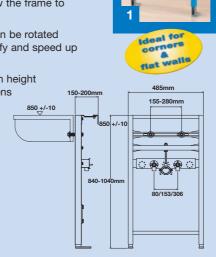
The wall fixing brackets (inset 2) can be fixed at any angle through 180 degrees. This enables the frame to be installed into most ducted applications and helps to overcome uneven rear walls. These brackets are reversible and allow the frame to be fixed between 150mm and 200mm from the rear wall.

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







and easily adjusted

DUDLEY SFNTINFL

BRACKETS FOR WALL-HUNG WC PANS

Product Description

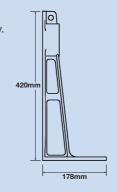
The Dudley Sentinel is a strong, easy to handle cast iron support bracket for wall-hung WC pans.

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.

- 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



DUDLEY TURBO 88 2-PART SYPHONS



UNIQUE DESIGN ENABLES 5-MINUTE SERVICING

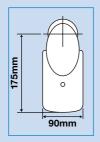
Syphon body can be removed from cistern leaving down leg in position.



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



Sizes (mm)	Sizes (inches)	Code
178	7	313826
191	71/2	316985
203	8	313639
216	8 ¹ / ₂	319023
229	9	315293
241	91/2	313673
254	10	313879



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.

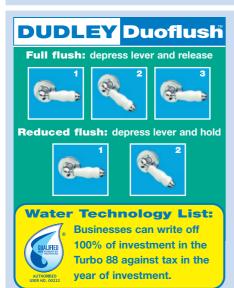
Special Features

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



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 watersaving 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

TURBO

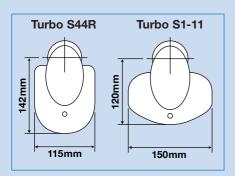


DUDLEY TURBO RANGE OF 2-PART SYPHONS





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

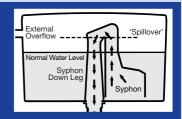
Turbo syphon is installed, reliable and efficient flushing comes as standard.

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



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	71/2	318876
203	8	319144
216	81/2	316267
229	9	317556
241	91/2	319551

Other sizes available - please enquire

4	A		
ı	ij	1	
П		V	L
ı			
Į			

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

Other sizes available - please enquire

	p
	0
9	

2

3

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

Outlet: 32mm (11/4")

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





1 Dudley S7 Cascade

Technical Information

- 6/7/9 litre convertible
- 38mm (11/2") outlet
- WRAS approved

2 Dudley S9 Hi-Flo®

Technical Information

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

3 Dudley Japtic®

Technical Information

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

4 Dudley S90 Hydro

Technical Information

- 6/7/9 litre convertible
- 38mm (11/2") outlet
- WRAS approved

For front lever assemblies and lift arms see page 50.

Viagara



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 guickly 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 (11/2") outlet adaptor can also be supplied.

Technical Information

- WRAS approved
- Internal overflow warning pipe
- 51mm (2") diameter outlet. Optional 38mm (11/2") adaptor
- Fits cisterns with internal heights between 330mm and 408mm



100% of investment in the Turbo 88 against tax in the year of investment.

313348 Code





QUIET DUDLEY HYDROFLO® EQUILIBRIUM FLOAT VALVES TO BS1212 PART 4





Fixed bottom inlet			
Sizes (mm)	Sizes (inches)	Code	
203	8	314286	
216	81/2	318123	
229	9	314353	
241	91/2	319578	
254	10	314977	
267	101/2	316182	
279	11	313917	
292	111/2	314921	



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.

llses

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 divertor 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.

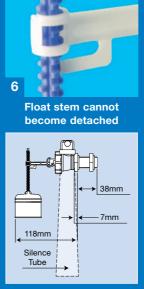
With health and safety firmly in mind, Hydroflo valves boast two built in backflow prevention devices. An air break above the silence tube and a special membrane inside the head of the valve stop bacteria that may be present in the cistern from entering and contaminating the mains supply. This makes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

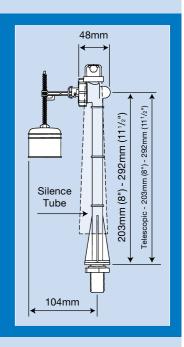
The telescopic bottom inlet version extends from 203mm (8") – 292mm ($11\frac{1}{2}$ ") to fit most cisterns, providing an extremely convenient solution. When tightened, the locking nut clamps firmly to the valve stem for secure height adjustment.

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



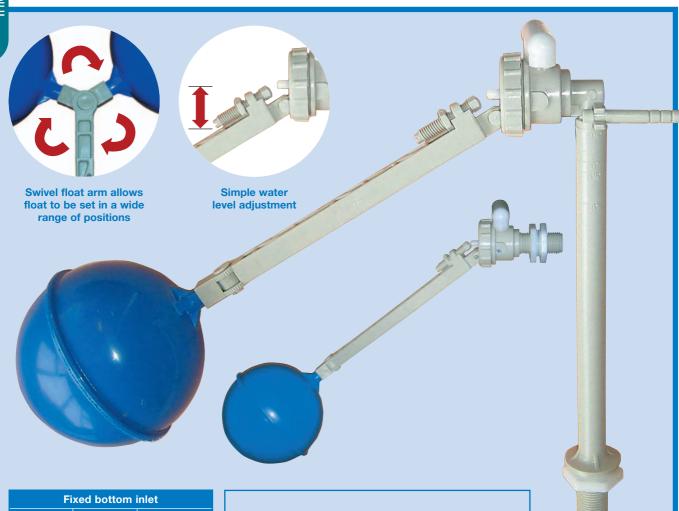






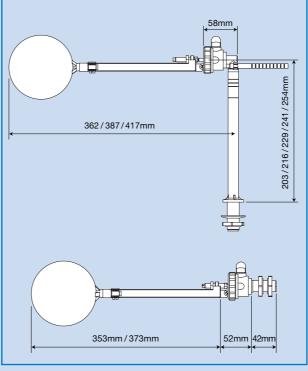
Float Valves to BS1212 Part 3

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



Fixed bottom inlet		
Sizes	Float arm sizes	Code
203mm	155mm	322391
(8")	180mm	322392
(0)	210mm	322393
216mm	155mm	322394
(8½")	180mm	322395
(0 /2)	210mm	322396
229mm	155mm	322397
(9")	180mm	322398
(8)	210mm	322399
241mm	155mm	322400
(9½")	180mm	322401
(972)	210mm	322402
254mm	155mm	322403
	180mm	322404
(10")	210mm	322405
Side inlet		
Float arm Sizes	Code	
155mm	321869	

	210111111	322405
Side inlet		
Float arm Sizes	С	ode
155mm	32	1869
180mm	32	2406
210mm	32	1713



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

Rigiflex®



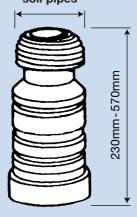
DUDLEY RIGIFLEX FLEXIBLE WC PAN CONNECTOR



Can be adjusted to fit an endless combination of angles



Fits standard diameter 110mm soil pipes



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

Code 313672

EECtrof

TOUCH-FREE ELECTRONIC TAPS AND URINAL CONTROLS



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.



Innovative remote control



Electronic urinal flushing



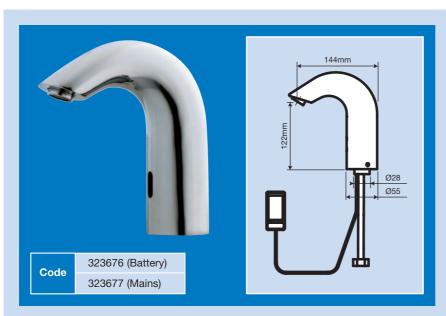
Perfect for commercial applications



Perfect for domestic applications

EECtrof

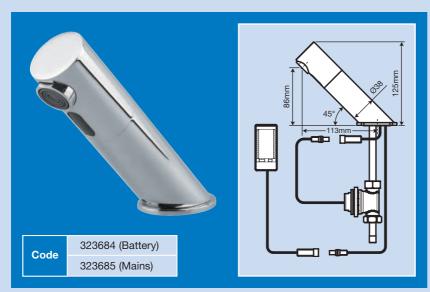
TOUCH-FREE ELECTRONIC TAPS AND URINAL CONTROLS



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)



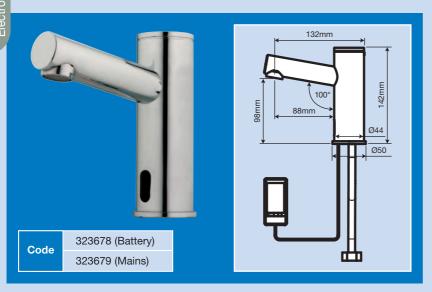
Technical information		
Power supply	9V externally mounted battery or mains/transformer	
Recommended water pressure	0.3 - 8.0 bar 8.0 bar + with a flow restrictor	
Sensor range	80mm min 300mm max. Sensor automatically calibrates on installation	
Max. temperature	70°C	

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

EECtrofi

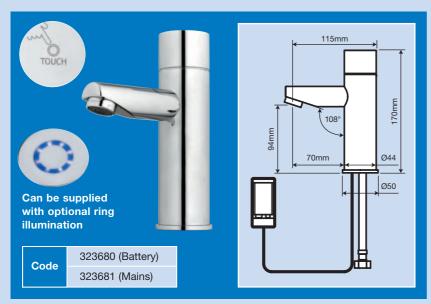
TOUCH-FREE ELECTRONIC TAPS AND URINAL CONTROLS



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	

Electrofio 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)



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	
Max. temperature	70°C	

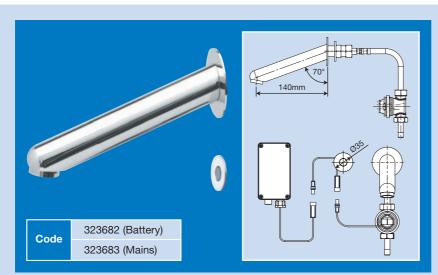
Electroflo Contemporary Light Touch

- 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
- 1/2" BSP connection
- Must be installed in conjunction with a thermostatic mixing valve for premixed water



EECtrof

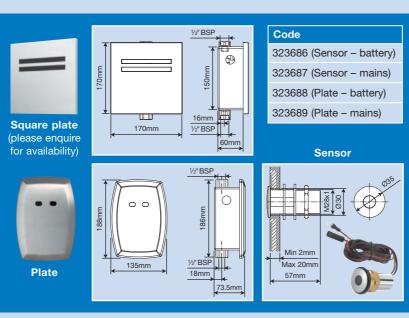
TOUCH-FREE ELECTRONIC TAPS AND URINAL CONTROLS



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



Technical information		
Power supply	Sensor – 9V externally mounted battery or mains/transformer Plates – 9V internally mounted battery or mains/transformer	
Recommended water pressure	0.3 - 8.0 bar	
Sensor range 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

Toilet Seats







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



Durable material & construction



Durable rubber lid & seat buffers



Soft-close action



Hygienic, easy-clean surface

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

1

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.

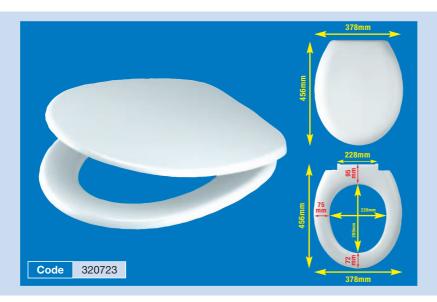
Every seat comes with an aesthetically pleasing, scratch-resistant glossy surface. This hard-wearing finish is simple to clean and helps to keep bathrooms hygienically fresh. This is particularly beneficial in hospitals and other public areas where maintaining cleanliness is of paramount importance.

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.

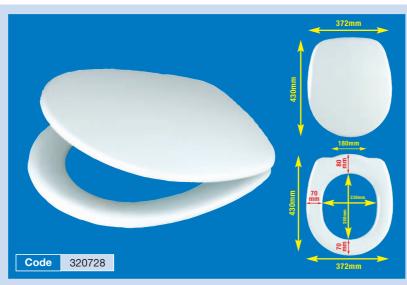
THERMOSET Toilet Seats



Celine

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

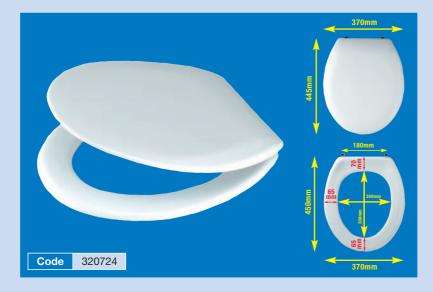




Arianne

- 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)



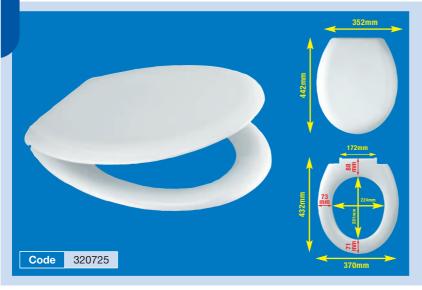


Boudicea

- 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)



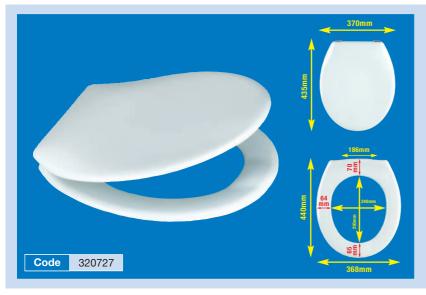
THERMOSET Toilet Seats



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)

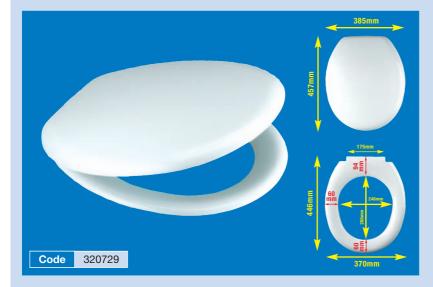




Francesca

- 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)



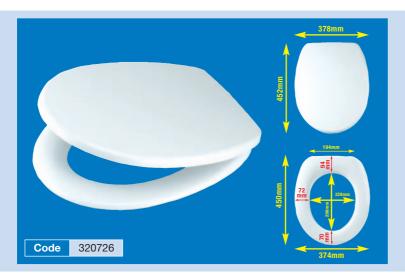


Nadia

- 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)



THERMOSET Toilet Seats



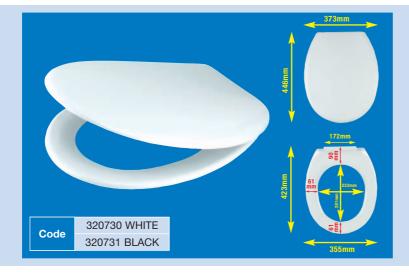
Tamara

- 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



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



SALES HOTLINE TEL: 0121 530 7000

FAX: 0121 557 5345

Toilet Seats

Code	Thermoset Seats	
320723	White Celine seat (with soft-close, stainless steel hinges)	
320728	White Arianne seat (with adjustable stainless steel hinges)	
320724	White Boudicea seat (with adjustable stainless steel hinges)	
320725	White Eve seat (with adjustable stainless steel hinges)	
320727	White Francesca seat (with adjustable stainless steel hinges)	
320729	White Nadia seat (with adjustable stainless steel hinges)	
320726	White Tamara seat (with adjustable stainless steel hinges)	
323331	NEW White Rhianna seat (with stainless steel hinges)	
323330	NEW White Rhianna seat (with soft-close stainless steel hinges)	
323329	NEW White Esme seat (with soft-close stainless steel hinges)	
	Extras	
Please enquire	Top fix hinges for Arianne, Boudicea, Eve, Francesca, Nadia & Tamara seats	
Code	Thermoplastic Seats	
320730	White Amelia seat (with adjustable plastic hinges)	
320731	Black Amelia seat (with adjustable plastic hinges)	
320732	White Danielle seat (with adjustable plastic hinges)	
323332	NEW White Bianco seat (with adjustable plastic hinges)	
Code	Replacement Hinges	
320914	Soft-close stainless steel for Celine seat	
320911	Adjustable stainless steel for Arianne, Boudicea, Eve, Nadia & Tamara seats	
320912	Adjustable stainless steel for Francesca seat	
320910	Adjustable plastic for Amelia & Danielle seats	
320913	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 ACCLAIM & DIPLOMAT CISTERN			
	Code	Ontion	
	Code	Option	
	_	S7 6/7/9 litre convertible syphon	
		CP front lever assembly (state cistern)	
16	316549	Acclaim	
	319042	Diplomat	
; 10	318166	Red plastic lift-arm (state cistern)	
;10	313942	Green plastic lift-arm (state cistern)	
		H/L plastic side lever (needs fulcrum bracket and screw – see below)	
	318806	New	
	315643	Old	
	313126	Fulcrum bracket and screw	

	Code	Option	
	I	S7 216mm (8½") 6/7/9 litre convertible syphon	
	316549	CP front lever assembly, 85mm spindle	
; 10	318166	Red plastic lift-arm, 64mm (2½") C/S	
;10	313942	Green plastic lift-arm, 64mm (2½") C/S	
	316218	Lid screw (1 needed)	
DUDLEY TRI-SHELL CISTERN			

DUDLEY SLIMLINE PLASTIC CISTERN

DUDLEY ELITE CISTERN						
	Code	Option				
	_	S7 216mm (8½") 6/7/9 litre convertible syphon (lever action)				
	314642	S88 216mm (8½") 7/9 litre convertible syphon and linkage assembly (push action)				
	313604	CP push knob				
-		P2/P3 lever linkage:				
	318741	170mm				
	318851	125mm				
	318671	PK pin, washer and cotter pin				
	316549	CP front lever assembly, 85mm spindle				
; 10	318166	Red plastic lift-arm, 64mm (2½") C/S				
;10	313942	Green plastic lift-arm, 64mm (2½") C/S				
	316218	Lid screw for front lever Elite (1 needed)				

DUDLEY TRI-SHELL CISTERN							
	Code	Option					
	I	S7 191mm (7½") 6/7/9 litre convertible syphon					
	317814	CP metal front lever assembly, 95mm spindle					
; 10	318166 Red plastic lift-arm, 64mm (2½") C/S						
;10	313942 Green plastic lift-arm, 64mm (2½") C/S						
	314614	H/L metal side lever (needs fulcrum bracket and screw – see below)					
	313126	Fulcrum bracket and screw					
	313377	Lid screw (2 needed)					

DUDLEY TRI-WELL CISTERN						
	Code	Option				
000	315716	Spares Pack (including diaphragm, 'O' ring and piston washer)				
	314837	Plastic Backnut (1½")				
	316571	Plastic Capnut (1½")				
	320963	Lever				
	313126	Fulcrum bracket and screw				
	313377	Lid screw (2 needed)				

DAUNTLESS RUBBERLINE/RUBBER WELL CISTERN					
	Code	Option			
		S1-11 229mm (9") 7/9 litre convertible syphon:			
	317449	with brass outlet and nuts (Rubberline)			
	318743	with plastic outlet and nuts (Rubber Well)			
000	315716	Spares Pack (including diaphragm, 'O' ring and piston washers)			
	317234	Brass Backnut			
	316382	Brass Capnut			
	313973	Galvanised cast iron lever, 243mm C/S			
	316171	Fulcrum bracket and screw			
	_	Lid screw (1 needed)			

DUDLEY MIRAGE & PHANTOM CONCEALED CISTERNS							
	Code	Option					
	316267	S7 216mm (8½") 6/7/9 litre convertible syphon (lever action)					
. 10	318166	Red plastic lift-arm (state cistern)					
	313942	Green plastic lift-arm (state cistern)					
	314614	H/L metal side lever for H/L Mirage (needs fulcrum bracket and screw – see below)					
	313126	Fulcrum bracket and screw					
		Lid screw (1 needed):					
	317093	Mirage/T88 syphon					
	314063	Mirage/S7 syphon					
	317093	Phantom/T88 syphon					
	317093	Phantom/S7 syphon					

FRONT LEVER ASSEMBLIES WITH LIFT ARM				
	Code	Option		
	315881	CP plastic, 120mm spindle		
	317814 313794	CP metal: 95mm spindle 120mm spindle		
	316786 316827 318659 316437 317072	CP Windsor: 80mm spindle 95mm spindle 110mm spindle 120mm spindle 140mm spindle		
T	318767	CP Kit 'P', 115mm spindle, 80mm bush		
1	319732	CP Kit 'W', 225mm spindle, 160mm bush		
1	313964	CP Kit 'A', 325mm spindle, 260mm bush		
	313149	CP Kit 'B', 430mm spindle, 368mm bush		
	316181 318090 315616 313160	Extra for 'front fit' lever, Allen screw and keys: Kit 'P' Kit 'W' Kit 'A' Kit 'B'		

_	CP DIMPLE LEVER ASSEMBLIES FOR EASY FLUSHING BY THE LESS ABLE				
	Code	Option			
	315568	120mm spindle with 'CAMEL' adjustable lift-arm			
	317591	Kit 'W' version with 225mm spindle, 160mm bush			
1	318252	Kit 'A' version with 325mm spindle, 260mm bush			
	318138	Kit 'B' version with 430mm spindle, 368mm bush			

DUDLEY PUSHFLO and ROYAL PUSHFLO					
	CONCEALED CISTERNS				
	Code 316562				
		(single flush) 91mm dia.			
F	316269	CP Cone button for Pushflo cistern (single flush) 50mm dia.			
030.	320185	CP Petite button for Pushflo cistern (single flush) 46mm dia.			
0	313621	CP Royal pneumatic button for Royal Pushflo cistern (single flush) 51mm dia.			
0	314962	Cone ring (50mm I.D.)			
	319678	Capnut (2" BSP/51mm I.D.)			
	315604	Backnut (2" BSP/51mm I.D.)			
0	318289	Outlet washer (2" BSP/51mm I.D.)			
	314306	Niagara pneumatic 6L single flush valve for Royal Pushflo cistern			
	316129	Pinto pneumatic 6L single flush valve for Pushflo cistern			

DUDLEY \	/ANTAGE (CONCEALED CISTERN			
	313085 314600	Option CP Round or Square button 73.5mm dia: Single flush – Round Single flush – Square			
	315921 318431	Dualflush – Round Dualflush – Square Gold Round or Square pneumatic			
	316608 317981 318547 —	button 73.5mm dia: Single flush – Round Single flush – Square Dualflush – Round Dualflush – Square			
	322408	CP Dio pneumatic button (dualflush) 51mm dia.			
	313621	CP Royal pneumatic button (single flush) 51mm dia.			
	323579	Access cover – front			
	313748	Access cover – top			
	317532	Push-fit inlet elbow			
	314962	Cone ring (50mm I.D.)			
	319678	Capnut (2" BSP/51mm I.D.)			
	315604	Backnut (2" BSP / 51mm I.D.)			
0	318289	Outlet washer (2" BSP/51mm I.D.)			
Transfer and	317704	Braided hose and isolating valve			
	314306	Niagara pneumatic 6L single flush valve			
	316723	Niagara pneumatic 6/4L dualflush valve			
	313096	Snap-fit cistern fixing brackets			
	322326	390 x 260mm flushbend (tapered 2" - 1½")			

SYPHON ACCESSORIES					
	Code	Option			
Ī	313313	Dudley 'SYVAC' symphonic aspirator (for S7 and T88 only)			
	Please enquire	Plastic piston complete with polythene diaphragm			
	314837	Plastic backnut 38mm			
	316571	Plastic capnut 38mm			
0	318134	SS 'C' link up to 76mm (3")			
	318729 317307 317898	SS 'C' link: 3½" 3½" 3½"			
	317143 322946 318323 317537	SS 'C' link: 4" 41/4" 41/2" 51/2"			
0	Please enquire	Polythene syphon diaphragm			
	Please enquire	Plastic automatic syphon			
666	319228	Turbo 88 spares pack (inc. diaphragm, 'O' ring and piston washers			
000	318665	Turbo 44 spares pack (inc. diaphragm, 'O' ring and piston washers			

BUTTON & FLUSH VALVE SPARES						
	Code	Option				
	319473	VR (Vandal Resistant) flat metal button for Pushflo cistern – fits up to 38mm partition (single flush) 63.5mm dia. Metal Dome button for Pushflo cistern (single flush) 91mm dia.				
	315521					
	321685	Metal Royal button for Royal Pushflo and Vantage cistern (single flush) 51mm dia.				
		Pneumatic tube:				
	319059	Clear				
9	318634	Green				
Q	313838	Corrugated tube				
	321958	Black pan connector				
	319896	Dualflush button for cable operated valve				

	DUDLEY NIAGARA FLUSH VALVE SPARES					
	Code Option Cod		Code	Option		
		Niagara mechanical:				Niagara pneumatic:
	318082	38mm (1½") outlet adaptor			_	Bellows
	314318	CP pushbutton assembly pack				Mechanical and pneumatic:
					318289	Outlet washer (2" BSP/51mm I.D.)
SEE CP PACK ABOVE	313168	Gold effect pushbutton assembly pack		0		
ABOVE	245000	Duals vale			315604	Backnut (2" BSP/51mm I.D.)
	315900	Push rods				
0	314574	Outlet seal 38mm (I.D.)			319678	Capnut (2" BSP/51mm I.D.)

BALLVALVES & GENERAL PARTS						
Code		Option				
	317152 316574	32mm (1½") dia. shaped rubber diaphragm Torbeck Beta				
	Please enquire	Torbeck equilibrium quiet-filling ballvalve SISO or BIBO (Alt. See Dudley Hydroflo page 37)				
	318410	13mm (½") plastic petcock for automatics				
	317820	114mm (4½") round "Qualifloat" plastic float				
	317501	114mm (4½") elongated plastic float				
M	316828	19mm (¾") plastic overflow				
9	316308	19mm (¾") plastic pedestal overflow 215mm				
Santa de la constante de la co	314065	Plated chain and plastic pull				
0	315841 315432	Tapered cone ring for flushbend: 38mm Low Level 32mm High Level				
	317165 316340	'CAMEL' adjustable lift-arm: Neutral Blue				
	319249	Overflow stopper 19mm				

HYDROFLO INLET FLOAT VALVE						
	Code	Option				
	317158	Filter and 'O' Ring				
	313299	Filter Key				
0	317673	Rubber washer (37.5mm O.D.)				
	317733	Float				
	318949	Float arm and pressure chamber cover				
	319626	Silence tube				
	318756	Flow restrictor				
	319726	Diaphragm				
	316295	Backnut (1/2" BSP)				
	316999	Overhead discharge nozzle assembly (Divertor including silence tube)				

PVC FLUSHBENDS & FLUSHPIPES								
Code	Code Option		Code	Option				
319415	356 x 229 x 38mm (14" x 9" x 1½") O.D. – White	316561		1678 x 32mm (5' 6" x 11/4") bore 2-piece backwall: 38mm (11/2") collar – White				
Please enquire	356 x 229 x 38mm (14" x 9" x 1½") O.D. – Colour		314661	44mm (1¾") collar – White 1678 x 32mm (5' 6" x 1¼") bore				
322326	390 x 260mm Tapered 51-41mm – White		314758 315587	3-piece sidewall: 38mm (1½") collar – White 44mm (1¾") collar – White				
317684	610 x 457 x 38mm (24" x 18" x 1½") O.D. – White		318054	Flow restrictor for high level flushpipe				

Sets of Internal Cistern Fittings

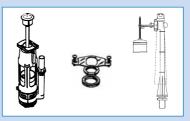
Sets of internal cistern fittings can be supplied for most ceramic sanitaryware. Please enquire stating manufacturer and model.

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)

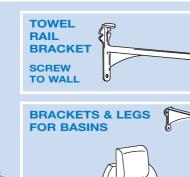


Typical valve/pushbutton fittings pack (bottom inlet)

Bathroom Castings

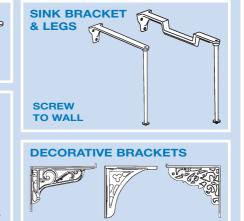
To complement our bathroom products, Thomas Dudley Ltd manufactures a comprehensive range of high quality castings. This range comprises over 2,000 products including towel rail brackets, sink brackets (and legs), basin brackets (and legs), basin hanger brackets, decorative brackets and many other products.

Please ask your plumbers merchant for details.



HANGER

BRACKETS



Other Thomas Dudley Group Companies

marefield. apron Itd

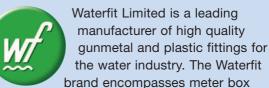
Masefield-Epson Limited supplies a vast range of plumbing spares and accessories. Serving plumbers merchants, distributors and the sanitaryware industry, the Company manufactures and distributes BBS Autosyphons, Holdtite Products and other high quality components.

www.masefield-epson.co.uk



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



chambers, meter and stopcock carriers, ferrules and ferrule straps, saddle straps and associated products.

www.waterfit.co.uk

CDonald Diecasting Ltd.

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

TERMS & CONDITIONS OF SALE

1 DEFINITIONS

- 1 DEFINITIONS

 1.1 The Company means Thomas Dudley Limited
 1.2 The Buyer means the person, firm or company who purchases the Goods from the Company.
 1.3 Contract means any contract between the Company and the Buyer for the sale of goods or services from the Company to the Buyer;
 1.3 Contract means any contract between the Company and the Buyer for the sale of goods or services from the Company to the Buyer;
 1.5 Goods: any goods or services agreed in the Contract to be supplied to the Buyer by the Company on any goods supplied in substitution of the original Goods, finciding any parts or part of them puscuant to Cause 10 and Classes 1.2 and Clause 1.4.1 of this Contract;
 1.6 A reference to a particular law is a reference to it as it is in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it;
 1.7 A reference to one gender includes a reference to the other gender.
 1.8 Condition headings do not affect the interpretation of these conditions.
 2 APPLICATION

2 APPLICATION.
2 These Conditions apply to all Contracts for the sale of goods and/or supply of services by the Company to any Buyer and prevail over and extinguish all terms and conditions of contract imposed by the Buyer or implied by trade, custom, practice or course of dealing in so far as such terms and conditions are inconsistent therewith or additional thereto.
2.2 No alteration, evolution or valveror of any of these conditions shall be effective or binding unless made in writing by a Director of the Company. The Buyer acknowledges that it has not relied on any statement, promise or representation made or given by or on behalf of the Company which is not set out in this Contract and neither party has a remedy against the other party for any representations, statements or promises not set out in the Contract. Nothing in this condition shall exclude or limit the Company's liability for fraudulent misrepresentation.
3 QUOTATION, ORDER AND ACCEPTANCE

3.1 Any quotation by the Company does not constitute an offer and is given on the basis that no Contract shall come into existence until the Company despatches an acceptance of the order to the Buyer. Any quotation given by the Company is valid for a period of 30 days only from its date, provided that the Company has not previously withdrawn it and may be revised or withdrawn at any time prior to the Company's acceptance of the Buyer's order.

3.2 Peach prior or order.

3.2 Each order or acceptance of a quotation for Goods by the Buyer shall be deemed to be an offer by the Buyer to buy the Goods subject to

these conditions.

3.3 The Buyer's order, whether verbal or written, shall not be deemed to have been accepted until the Company has issued its written acknowledgement form and the Buyer's credit has been approved by the Company or satisfactory security for payment has been given.

3.4 The Buyer shall ensure that the terms of its order and any applicable specification are complete and accurate. No order which has been accepted by the Company may be cancelled or varied by the Buyer except with the written agreement of the Company and on such terms that the Buyer shall indemnify the Company in full against all loss (including loss of profits), costs (including costs of labour, materials ordered or used, tooling and all manufacturing costs), damages, charges and expenses incurred by the Company as a result of such cancellation or varietion.

3.5 The Company shall be entitled to suspend or end the provision of all or any part of the Goods or services to be provided to the Buyer under this Contract at any time where there is a monetary amount outstanding from the Buyer to the Company under any other Contract made between the Buyer and the Company for the provision by the Company of Goods or services.

4 DESCRIPTION
4 1. The quantity and description of the Goods shall be as set out in the Company's acknowledgement of order
4.2 All samples, drawings, descriptive matter, specifications and advertising issued by the Company and any descriptions or illustrations
contained in the Company's catalogues or brochures are issued or published for the sole purpose of giving an approximate idea of the Goods
described in them. They shall not form part of the Contract and this is not a sale by sample.

5 PHICES

5.1 The price payable by the Buyer for each Delivery of the Goods shall be the Company's price ruling at date of despatch. The Company may at any time revise prices to take into account any increase in the Company's costs (including, but not limited to the cost of raw materials, labour, energy, transport or other overheads, any tax due or other levy and variation in exchange rates).

5.2 Unless otherwise specified, WT and any other tax or duties payable by the Company shall be added to the price payable by the Buyer.

6 DELIVERY AND COLLECTION

6 DELIVERY AND COLLECTION

6.1 Delivery shall take place on a safe hard road, as near as legally permitted to the Buyer's specified Delivery point as provided on the Buyer's order form. The Buyer will be responsible for the costs and provision of safe officialing facilities and manual labour ensuring that Delivery is completed without undue delay or the Buyer will be liable to indemnify the Company for the Company's costs incurred as a result of such delivery in fall loads by any method of transport at the Company's option.
6.3 Any time or date for Delivery is given and intended as an estimate only and time for delivery shall not be liable for any direct or indirect loss or dartage (including, without limitation, pure economic loss, loss of profits, loss of business, depletion of goodwill and similar loss) costs, daraged represses caused directly or indirectly by any delay in the Delivery of the Company's option.

7 shall any delay entitle the Buyer to terminate or rescind the Contract unless such delay exceeds 60 days from the original estimated Delivery riter.

case.

6.4 Signature on the Company's delivery note by an employee, representative or agent of the Buyer shall be conclusive proof of the quantity received by the Buyer and of Delivery to the Buyer.

6.5 If the Company delivers to the Buyer a quantity of goods of up to 5% more or less than the order accepted by the Company, the Buyer shall not be entitled to object or reject the Goods or any of them by reason of the surplus or shortfall and the Buyer shall pay for such goods at the pro rata Contract rate.
6.6 The Company may make deliveries partially or by instalment. Each separate instalment shall be invoiced and paid for in accordance with

to the provisions of this Contract. Each installment shall be a separate Contract and no cancellation or termination of any one Contract relating to an installment shall entitle the Buyer to repudiate or cancel any other Contract or installment. Salament.

67 When the Buyer arranges transport of the Goods from the Company's place of business, Delivery shall take place at the Company's place of business and the Buyer shall take Delivery of the Goods within 3 days of being given notice by the Company that the Goods are ready for

usivery.

6.8 If for any reason the Buyer fails to accept Delivery in accordance with Clause 6.1 or 6.7, or the Company is unable to deliver the Goods on time because the Buyer has not provided adequate or appropriate instructions, documents licences or authorisations:
6.8.1 The Goods shall be deemed to have been delivered at the Buyer's permises if the delivery is arranged pursuant to Clause 6.1. If delivery is arranged pursuant to Clause 6.7, Delivery will be deemed to have believe that at the Buyer's permises if the explicit pursuant to Clause 6.1. Only only only on the company giving notice that

the goods are ready for delivery; 6.8.2 Risk in the Goods shall pass to the Buyer (including for loss or damage caused by the Company's neglig

o.c. z losk in the colous shall pass to the objet (including for loss or darlage cabsed by the Company may charge for the refused delivery and any associated costs and may store the Goods until collection by the Buyer from the Company may charge for the refused delivery and any associated costs and may store the Goods until collection by the Buyer from the Company's premises and charge the Buyer reasonable costs of storage, insurance and re-delivery or without affecting the confinuation of the Contract, sell the Goods.
6.9 The Company shall not be liable for any damage, discrepancy non-Delivery or short Delivery of Goods (even if caused by the Company's negligence) unless the Buyer gives written notice to the Company of the non-delivery within 3 days of the date when the Goods would in the ordinary course of events have been received.

6.10 Any liability of the Company for non-Delivery of the Goods shall be limited to replacing the Goods within a reasonable time or issuing a credit note at the pro rata Contract rate against any invoice raised for such Goods.

7 RETURNABLE PACKAGING

Pallets, stillages and special containers are returnable to the Company, and remain the property of the Company, they or equivalent like items shall be returned in good condition to the Company following delivery.

8 TECHNICAL DATA

8 I ECHNICAL DATA
All Company drawings, descriptive matter, price lists, brochures or advertisements whether or not supplied with a quotation or tender are approximate only and intended merely to give a general idea of the goods described therein and shall not form part of the Contract. Any tools, patterns and samples, unless paid for in full, and drawings, specifications or other information provided remains the Company openy and all technical information, patentable or unpatentable copyright and registered designs arising from the execution of any orders are the property of the Company. They must not be copied, disclosed or given to any third party or otherwise used without written permission of the Company. Any research studies, quality enhancement or cost reduction measures shall remain the property of the Company and such information shall be kept confidential by the Buyer

The Buyer shall indemnify the Company against all damages, costs, penalties and expenses arising out of or loss suffered as a result of any work carried out in accordance with the Buyers specification(s) as agreed in writing or any resultant infiringement of a patent, design whether registered or unregistered, trade mark, copyright or any other industrial property right. If the Buyer uses, sells, causes to be sited or installed the Goods in such a manner as to infringe such rights the Company shall not be responsible for such infringement and the Buyer agrees to indemnify the Company from and against all liability arising there from.

10 VARIATIONS TO SPECIFICATION

10 VARIATIONS TO SPECIFICATION
The Company reserves the right to substitute goods of equivalent strength and quality without prior reference to the Buyer.

11 TERMS OF PAYMENT
11.1 Payment shall be received in full by the Company by the end of the month following the date of the Company's invoice.

11.1 Time of payment is of the essence.

11.3 In the event of state or non-payment the Company shall be entitled to charge interest on such sum from the due date for payment at the annual rate of 4% above the base lending rate from time to time of Barclays Bank pic, accruing on a daily basis until payment is made, whether before or after any judgment. The Company reserves the right to claim interest under the Late Payment of Commercial Debts (Interest) Act 1998. In such circumstance any settlement discount will cease to apply and the full price shall be due and payable immediately by the Buyer to

11.4 The Company shall be entitled, at its discretion, to withdraw credit facilities and suspend deliveries at any time in which event all sums

outstanding from the Buyer to the Company shall become due and payable immediates and standing from the Buyer to the Company shall become due and payable immediates.

11.5 in the event of termination of the Contract for any reason whatsoever, all sums outstanding from the Buyer to the Company shall become due and payable immediately.

11.6 The Buyer shall not be entitled to withhold or delay payment or exercise any right to set off howsoever arising or arisen which might otherwise be available to it.

12 TITLE AND RISK

12 TITLE AND RISK

12.1 Goods supplied shall remain the property of Thomas Dudley Limited until all money due has been paid in cleared funds. Risk passes to the Buyer on Delivery.

12.2 Until payment of all money due to Thomas Dudley Limited the Buyer undertakes to:-

12.2 Intil payment of all money due to Thomas Dudley Limited the Buyer undertakes to:
12.2.1 Hold the Goods on a fliduciary basis as the Company's balies, and
12.2.2 Keep the Goods stored separately (at no cost to the Company) and in such a manner as to make the Goods readily identifiable separately
from all other and easily and clearly identifiable upon examination; and
12.2.3 Not destroy, deface or obscure any identifying mark or packaging on or relating to the Goods; and
12.2.4 Maintain the Goods in satisfactory condition and keep them insured on the Company behalf for their full price against all risks to the
reasonable satisfaction of the Company. On request the Buyer stall produce the policy of insurance to the Company.
12.3 The Buyer may result the Goods before ownership has passed to it solely on the following conditions:
12.3.1 Any sale stall be effected in the ordinary course of the Buyer's business at full market value; and
12.3.2 Any such sale shall be a sale of the Company's property on the Buyer's own behalf and the Buyer shall deal as principal when making
sych a sale:

such a sale, and 12.3.3 Any of the proceeds from the sale of the Company's Goods shall be retained in a separate account by the Buyer. 12.4 The Buyer's right to possession of the Goods shall terminate immediately if:

12.4.1 the Buyer has a bankruptcy order made against him or makes an arrangement or composition with his creditors, or otherwise takes the benefit of any statutory provision for the time being in force for the relief of insolvent debtors, or being a body corporate) convenes a meeting creditors (whether formal or informal), or enters into liquidation (whether voluntary or compulsory) except a solvent voluntary liquidation for the purpose only of reconstruction or amalgamation, or has a receiver and/or manager, administrator or administrative receiver appointed of its undertaking or any part thereof, or documents are filled with the court for the appointment of an administrator of the Buyer or tool intention to appoint an administrator is given by the Buyer or its Directors or by a qualifying floating charge holder (as defined in paragraph 14 of Schedule B1 to the Insolvency) or 1996, or an assolution is passed or a petition presented to any court for the Winding-up of the Buyer or for the granting of an administration order in respect of the Buyer, or any proceedings are commenced relating to the insolvency or possible insolvency

of the Buyer; or 12.4.2 The Buyer suffers or allows an execution, whether legal or equitable, to be levied on his/its property or obtained against him/it, or fails to 12.4.2 The buyer somes of valories are execution, where eagle or equitate, governed on many property or doubles objects or mining, a hierarch observe or perform any of his/fish obligations under the Contract or any other Contract between the Company and the Buyer, or is unable to pay its debts within the meaning of section 123 of the Insolvency Act 1996 or the Buyer ceases to trade; or 12.4.3 The Buyer encumbers or purports to in any way charges any of the Goods.

12.5 The Company shall be entitled to recover payment for the Goods notwithstanding that ownership of any of the Goods has not passed from

the Company; 12.6 The Buyer grants the Company, its age ints and employees an irrevocable licence at any time to enter any premises where the Goods are or

may be stored in order to inspect them, or, where the Buyer's right to possession has terminated, to recover them.

12.7 Where the Company is unable to determine whether any Goods are the Goods in respect of which the Buyer's right to possession has terminated, the cover is unable to determine whether any Goods are the Goods in respect of which the Buyer's right to possession has terminated, the Buyer shall be deemed to have sold all Goods of the kind sold by the Company to the Buyer in the order in which they were invoiced to the Buyer;

12.8 On termination of the Contract, howsoever caused the Company's (but not the Buyer's) rights contained in this condition shall remain in

13 OUALITY
13.1 The Company warrants all Goods which have been supplied by the Company against any defect of materials or workmanship arising within a period of 12 months of Delivery which can be proved to the Company's satisfaction to have been caused before Delivery. The above warranty is given subject to the following conditions:
13.1.1 Full details of any such defect are notified to the Company in writing within 14 days of its first discovery.
13.1.2 The Goods have been properly used for their normal purpose, handled, maintained, stored and installed in accordance with the Company's installation instructions and good practice:
13.1.3 The Company's stall be under no liability in respect of any defect arising from any fair wear or tear, wilful damage, negligence, abnormal working conditions, failure to follow the Company's instructions, whether oral or in writing, misuse or repair of the Goods without the Company's acronust-and

approvia; and
13.1 4 The Goods in which the defect arises are returned undamaged and adequately packed at the Buyer's expense to the Company.
13.2 The liability of the Company shall be limited at its option either to supplying replacement Goods, which will be supplied subject to these terms, or refunding the price of the Goods.

13.3 The Company shall be under no liability under the said warranty if: 13.3.1 the Buyer has not paid in full for the Goods, or

13.3.1 the Buyer has not paid in full for the Goods, or
13.3.2 the Buyer or his customer has executed or attempted to execute repairs or attentions to the Goods which are not authorised in writing by the Company or has failed in any other respect to adhere strictly to the terms hereof, or
13.3.2 the Buyer or his customer has executed or attempted to execute repairs or attentions to the Goods which are not authorised in writing by the Company has not been notified of any defect within 14 days of the discovery of the defect, or
13.3.4 the Goods are returned to the Company inadequately packaged, in which event any damage to the Goods will be deemed to have resulted from the Buyer's had quate packaging and not from any defect in materials or workmanship; or
13.3.5 if the Buyer has used the Goods without first having carried out all the inspections and tests which the design and use necessitate, or
13.3.6 when any fault is attributable to the whole unit in which the Goods are incorporated or to any modification carried out after Delivery.
13.4 Except for the express warranties set out above, the Company grants no other warranties relating to defects in design, workmanship, or
13.4 Except for the express warranties set out above, the Company grants no other varranties relating to defects in design, workmanship, or
13.4 Except for the Goods and all other conditions, warranties, stipulations, or other statements whatsoever whether express or implied, by statute
at common law or otherwise however, relating to such defects in the Goods and services are hereby excluded
13.5 Where the Buyer notified the Company as aforesaid and the Company performs its obligations under these conditions the Buyer shall not
be entitled to any claim in respect of the Goods, or for work done thereon, or any other coosts or losses, direct or indirect or consequential and
loss of profits whatsoever (save where death or personal injury has been caused by the Company's negligence; or
13.6.1 for death or personal injury caused by the Company's neg

13.6.3 of intallo of inaculation intercept exhibitions.

13.7.1 The Company's total liability in contract, tort (including negligence or breach of statutory duty) misrepresentation, restitution or otherwise arising in connection with the performance or contemplated performance of the Contract shall be limited to the Contract price;

13.7.2 the Company shall not be liable to the Buyer for any pure economic loss, loss of profit, loss of business, depletion of goodwill or otherwise, in each case whether direct, indirect or consequential, or any claims for consequential compensation whatsoever (howsoever caused) which arise out of or in connection with the Contract.

14.1 The above warranty is limited to the supply to the Buyer free at his premises of the new Goods or parts in exchange for any acknowledged

1.4.1 The above warranty is limited to the supply to the Buyer free at his premises of the new Goods or parts in exchange for any acknowledge by the Company to be defective. The decision of the Company on all claims and all questions as to defects and as to the exchange of the Goods shall be final and conclusive.

1.4.2 The warranty above shall also apply to any replaced goods provided hereunder during the unexpired period applicable to the Goods for which the replacement has been performed.

14.3 Other than stated above, the Company undertakes no liability whatsoever in respect of the Goods sold by it and shall in no circumstances be liable in respect of loss, damage or delay injury or expense, direct or consequential suffered at any time whether before or after the Goods may have been repaired or replaced, and howsoever caused, even if caused by negligence or breach of duty by the Company, its servants or agents. The terms set out herein are conclusive of the relationship between the Company and the Buyer and the Company shall be under no its liability whatsoever by reason of any representation, statement or warranty, nor shall there be implied in any format of sale any term, condition or warranty statutory or otherwise. Nothing in these conditions shall affect the statutory liability of the Company for death or personal injury caused by neglinence.

caused by negligence.

14.4 The Company undertakes no liability whatsoever in respect of operations subsequently carried out on products before their use, nor for cost of assembly, disassembly and withdrawal from service.

15 PATTERNS, TOOLS & DIES

15.1 Any notitions.

15 PATTERNS, TOOLS & DIES
15.1 Any patterns, core boxes, tools or dies (the Equipment) manufactured by or on behalf of the Company remain the property of the Company even though the Buyer may have been charged for part of the cost. Except for loss or damage caused directly by the Company's negligence (for which the Company's lability shall be limited to the direct cost of replacements or repair, the Company accepts no fiability for loss or damage to the Equipment which is in the Company's possession nor can it guarantee productive life.
15.2 Where the Equipment has not been used for a period of two years the Company may, after giving the Buyer one month's notice in writing, dispose of it. In the event that the Equipment needs repair or replacement it will be undertaken by the Company only upon the basis that the Buyer contributes to the cost.
15.3 Where Equipment is provided by the Remark his in proceedable for the company only upon the basis that the

Buyer contributes to the cost.

15.3 Where Equipment is provided by the Buyer he is responsible for ensuring that it matches the drawings and required specifications. If the Company carries out dimensional checks as requested by the Buyer it reserves the right to invoice the cost to the Buyer. In all cases if the Equipment received by the Company does not conform to the specifications the initially agreed price of the Goods may be revised.

15.4 All money due must be paid to the Company before Equipment is released to the Buyer or a third party.

15.5 Once manufacture of Equipment has commenced, cancellation cannot be accepted in any circumstances and any costs incurred must be paid by the Buyer in full. Equipment must be paid for in the month of delivery of samples even though subsequent modification may be required or the proviset is shared-oad.

or the project is abandoned. 16 ASSIGNMENT

The Buyer shall not assign the Contract of which these Conditions form part or any part of it without the prior written consent of the Company. The Company reserves the right to subcontract the performance of the Contract or any part of it.

17 FORCE MAJEURE
The Company shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any delay in delivery or any delay in The Company shall not be liable to the Buyer or be deemed to be in breach of the Contract by reason of any obey in oranevor or any oten performing or any faller to perform any of the Company's obligations if the delay or failure arises directly or indirectly from any cause beyond the Company's reasonable control. Without prejudice to the generality of the foregoing, the following shall be regarded as causes beyond the Company's reasonable control: Act of 60c, explosion, epidemic, flood, storm, fire or accident; war or threat of war, terrorism, sabotage, insurrection, ovil disturbance or requisition; each, servictions, regulations by laws, prohibitions or measures of any kind on the part of any governmental, parliamentary or local authority, import or export regulations or embargoes; strikes, lockouts or other industrial actions or trade disputes (whether involving employees of the Company or a third party); difficulty or increased expense in obtaining materials, labour, transport, fuel, parts or machinery, power failure or breakdown in machinery and equipment.

18 FREE ISSUE COMPONENTS

It is the Pauser's exponsibility in the nervire that all commonents supplied by them for use in the products manufactured are fit for purpose and

It is the Buyer's responsibility to ensure that all components supplied by them for use in the products manufactured are fit for purpose and comply fully with the required specification. The Buyer will supply free issue in sufficient and timely quantities to allow for the Company's production programme. The Company accepts no liability for failure of components supplied by the Buyer.

19 NOTICES

19 NOTICES
Any notice or communication given hereunder must be in writing and may be effected by personal delivery, facsimile, e-mail or by registered mail. If effected by personal delivery notices shall be deemed to be received on the date of such delivery, if by facsimile or email on the day of sending and if by post 48 hours after the date of posting.

20 LEN
The Company shall in respect of all unpaid debts due from the Buyer have a general lien on all goods and property of the Buyer in its possession (although such goods or some of them may have been paid for) and upon 14 days written notice to the Buyer may dispose of such goods and property and apply the proceeds towards the satisfaction of the sums due to the Company.
21 INDILICENCE OR FOREARMOE
The rights of the parties shall not be prejudiced or restricted by any includence or forearence extended to them by the other party and no notice that the parties shall not be prejudiced for restricted by any includence or forearence extended to them by the other party and no notice that the parties shall not be prejudiced.

The rights of the parties shall not be prejudiced or restricted by any indulgence or forbearance extended to them by the other party and no waker by either party in respect of any breach shall operate as a waker in respect of any subsequent breach.

22 DEFAULT OF BUYER (TERMINATION)

If the Buyer defaults in or commits any breach of any of its obligations to the Company, or ceases to carry out its business or a substantial part thereof, or if any distress or execution is levied on any of the Buyer's property or the Buyer makes or offers to make any arrangement with its creditors or commits any act of bankruptcy, or if any resolution or petition to wind up the Buyer's business is passed or presented or a receiver, illiquidator or similar official is appointed of the Buyer's undertaking, or any payment of the whole or any part of the purchase price of the Goods is dishonoured by the Buyer's bank, then the Company shall be entitled forthwith to terminate this and any other Contract with the Buyer in writing to the Buyer's last known address.

Z3 SEVERANCE If any condition herein shall be deemed void for any reason whatsoever, but would be valid if part of the wording were deleted, any such condition shall apply with such modifications as may be necessary to make it valid and effective. 24 ENGLISH LAW

he Contract and these Conditions shall be governed by English Law and the Buyer shall submit to the sole jurisdiction of the English Courts.

Thomas Dudley Ltd. envirofacturing



- We have attained BS EN ISO 14001, the recognised standard for environmental management systems
- · We employ best practice and lean manufacturing principles throughout the organisation to maximise manufacturing efficiency
- · We invest heavily in technology designed to reduce our emissions and energy consumption
- We manufacture in the UK and not overseas. helping to reduce the environmental cost and carbon footprint of transportation
- Our catalogues are printed on recycled paper by local printers
- · We recycle our waste paper by shredding it on-site and re-use it for packing purposes

- 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





Printed on recycled paper





Thomas Dudley Ltd.

IRON FOUNDERS & PLASTIC MOULDERS

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We are a quality assured company to:









We reserve the right to alter or modify the specification without notice E. & O.E.