

Waterfit Meter Chambers



Waterfit Limited

A Thomas Dudley Group Company



Welcome to Waterfit Ltd Water Industry Fittings

When domestic water meters need to be installed underground, Waterfit's Meter Chambers provide the perfect solution. Fully assembled and 100% pressure tested at the factory, they remove the need for on-site adjustment of internal joints. A number of Meter Chamber options currently exist including:

- Meterfit Mk7 for Non-Contaminated Ground
- Meterfit Mk3 for Contaminated Ground
- Meterfit Mk8 for Contaminated Ground
- Meterfit Top Hats
- Wallfit Meter Box

Furthermore, the combination of guaranteed quality and outstanding service have positioned Waterfit as the supplier of choice to many of the UK's leading water companies, distributors and merchants.

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Developing value adding partnerships...

| Returning your investment: | UK quality assured: | Assured source of supply: |
|---|---|---|
| <ul style="list-style-type: none"> • On time delivery to prevent expensive delays on site • Right first time commissioning that enables you to complete every project without costly reworks • Quality products that reduce ongoing repair and maintenance costs | <ul style="list-style-type: none"> • All critical product assemblies are 100% factory tested • Our design and manufacturing processes are BS EN ISO 9001 and BS EN ISO 14001 approved • We have achieved WRAS, British Standards, IS and WIS product approvals | <ul style="list-style-type: none"> • 24,000 square foot UK manufacturing base • Short lead times • Many standard items supplied ex-stock • Bespoke manufacturing to customer specifications |

UK manufacturing...

Based in the West Midlands, Waterfit is ideally placed to react rapidly to customer requirements. As a member of the successful Thomas Dudley Group, we also take advantage of unrivalled resources, expertise and WRAS approved test facilities.

International markets...

Waterfit has established a reputation for supporting customers in international markets. Approved by ministries and commissions across the world, our products can be used with confidence in many international locations. They can be supplied directly in container quantities or in smaller volumes through distributors.



Meter Chambers Overview



Meter Chambers are used to protect the water meter when it is installed underground.

Often called Boundary Boxes because, for residential properties, they can be located at the boundary of the property, usually at the end of the drive.

This makes access for reading the meter very easy and also marks the spot where the consumer becomes responsible for the service pipe which travels from the chamber into the residential property.

There is a manifold at the base of the chamber that houses the water meter (or a facility for fitting a water meter at a later date) and also has a stopcock for turning the water supply on or off.

The manifold also has a built in non return valve which prevents any backflow of water.

The manifold body is made from either a high impact ABS material or for potentially contaminated land there is also a gunmetal option.

The manifold clips easily into a base made from a strong polypropylene material that holds it securely.

Installing the meter below ground level means that it is protected from frost and from any impact at the surface. There are a range of surface box and lid options which sit on top of a guard tube. The guard itself is 200mm in diameter and normally either 600mm or 800mm in length and securely pushes into the polypropylene base.

The entire Waterfit Meter Chamber range conforms to the Water Industry Standard 4-37-01 and all are WRAS approved.

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Manifold Options

Waterfit's Manifolds come with a number of options -

| | Connections | | | Operation | | Guard Tube | |
|-------------------|-------------|------------|------------------|--------------|-------------------------|------------|------------|
| | Pushfit | MDPE Tails | 3/4" Female Iron | Quarter Turn | Rise & Fall Crutch Head | Rigid | Telescopic |
| ABS Manifold | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ |
| Gunmetal Manifold | | | ✓ | ✓ | ✓ | ✓ | ✓ |

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Meterfit Mk7 (for Non-Contaminated Ground)



Meter Chamber and guard tube with isolating valve and meter carrier incorporated into an ABS fitting. Manifold is also available separately for wall-mounting.

The cost-effective Mk7 can be used where no ground contamination has taken place.

Tech Specs:

- Quarter turn isolating valve
- Grip-fit polypropylene base for simple guard tube removal
- Dust/kemetal cap
- 25mm push-fit for MDPE pipes or 3/4" female iron can be adapted for copper and lead pipes
- 200mm dia. PVC guard tube

Meterfit Mk3 (for Contaminated Ground)



Meter Chamber and guard tube with isolating valve and meter carrier incorporated into a Gunmetal fitting.

The Gunmetal fitting makes the Mk3 ideal for use in most applications including contaminated ground.

Tech Specs:

- 3/4" rise and fall stopcock supplied with crutch head or 1/2" square head
- Grip-fit polypropylene base for simple guard tube removal
- Dust/kemetal cap
- 3/4" female inlet and outlet
- Accepts more pipe materials when used with adaptors
- 200mm dia. PVC guard tube

Meterfit Mk8 (for Contaminated Ground - Quarter Turn)



Meter Chamber and guard tube with meter carrier, isolating valve, spindle and locking bush incorporated into a Gunmetal fitting.

The Gunmetal fitting makes the Mk8 ideal for use in most applications including contaminated ground.

Tech Specs:

- Quarter turn isolating valve
- Grip-fit polypropylene base for simple guard tube removal
- Dust/kemetal cap
- 3/4" female inlet and outlet
- Accepts most pipe materials when used with adaptors
- 200mm dia. PVC guard tube

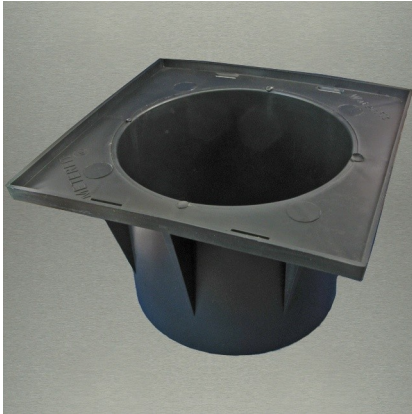
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Surface Box and Lid Options

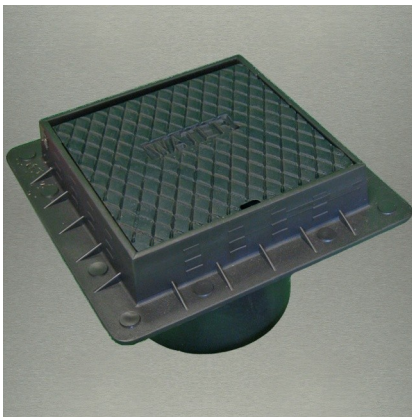


Meterfit Plain Top Hat

- Polypropylene Plain Top Hat
- Suitable for use with plastic or iron Surface Box
- Provides height and slope adjustability

Meterfit Shallow Top Hat

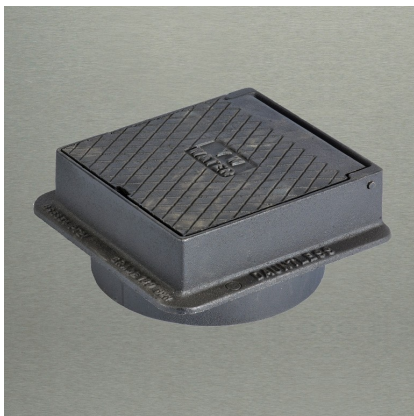
- Polypropylene Shallow Top Hat
- Suitable for use with plastic or iron Surface Box



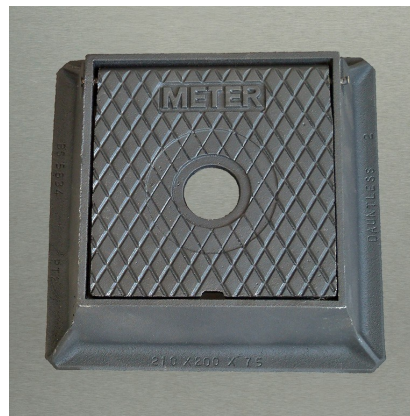
Meterfit Combined Top Hat and Lid (Grade C)

- Combined plastic top hat with option of ductile iron or ultra tough glass filled nylon lid
- Sliding and tilting design which helps to compensate for uneven ground conditions
- Capable of bearing loads of up to 7 tonnes when fitted with ductile iron lid

Thomas Dudley Lid Options



TDL 6150



TDL 6153*

| | Description | Clear Opening (mm) | Size Over Base (mm) | Depth (mm) |
|----------|--|--------------------|---------------------|------------|
| TDL 6150 | Grade B Medium duty hinged lid. Round spigot on underside of frame to fit outside 200mm nominal bore plastic tube. | 220 x 220 | 238 x 238 | 60 |
| TDL 6153 | Light or Medium duty hinged lid. Fits onto a Waterfit Plain Top Hat. | 210 x 200 | 272 x 272 | 75 |

*Image shown shows version with hole for touch read meter use.

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Additional Options



150mm Meter Raiser

- Raises meter by 150mm
- Precision made from robust WRAS approved acetal material
- Innovative Balanced Flo™ design minimises headloss
- Retained inner manifold seal helps ensure correct installation with no un-metered water
- Available with raised manifold quarter turn key suitable for use with Meterfit MK 7 Meter Chambers
- Compatible with 1½" concentric meter interfaces to BS EN 14154 Pt.2

1½" Concentric Water Meter

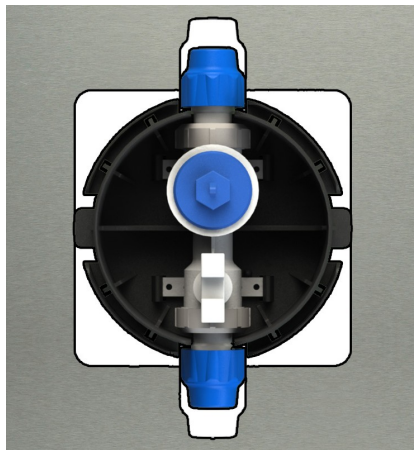
- Chambers can be ordered with water meters supplied separately or preinstalled in the manifold

Wallfit Meter Box

- Compact uPVC water meter box that fits into conventional brickwork and accommodates all standard 1½" concentric water meters

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New for 2011



Compact Meterfit Mk7 Base

Waterfit's Mk7 Chamber has been enhanced by the introduction of the new Compact Meterfit Base. It retains all the benefits of the previous base but in a smaller, sleeker form.

To compliment the new base design, shortened Pushfit ends have been developed, making it much easier to install in confined spaces.

MDPE Tail Ends

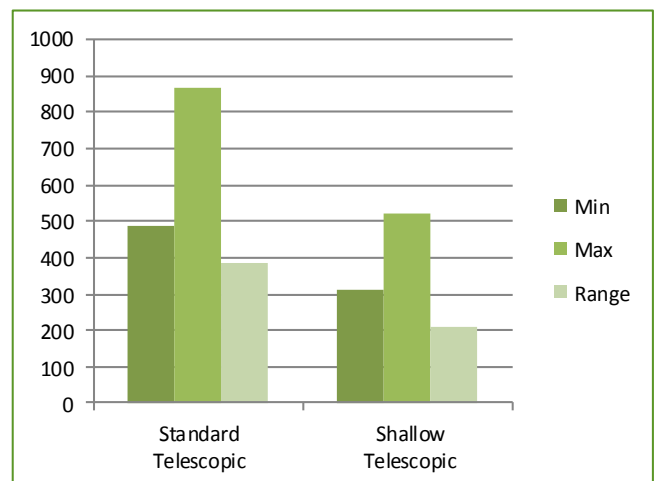
In addition to the Pushfit and Female Iron connection options, MDPE Tail Ends can now be specified. These were designed as a faster and more cost effective solution for retrofit applications.

Telescopic Tube

Waterfit currently offer two standard fixed length tube options of 600mm and 800mm.

New in 2011, Waterfit will be offering a telescopic tube option. With its innovative and cost effective patented design, it offers a standard range of 498mm to 880mm and a shallow range of 325mm to 534mm.

The Compact Meterfit Base was designed with the telescopic tube in mind and features the facility to clip the tube into place after service pipe has been connected.

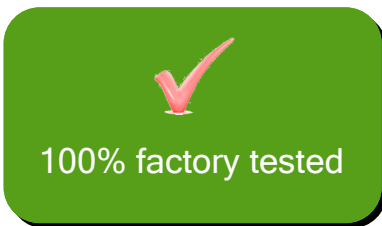
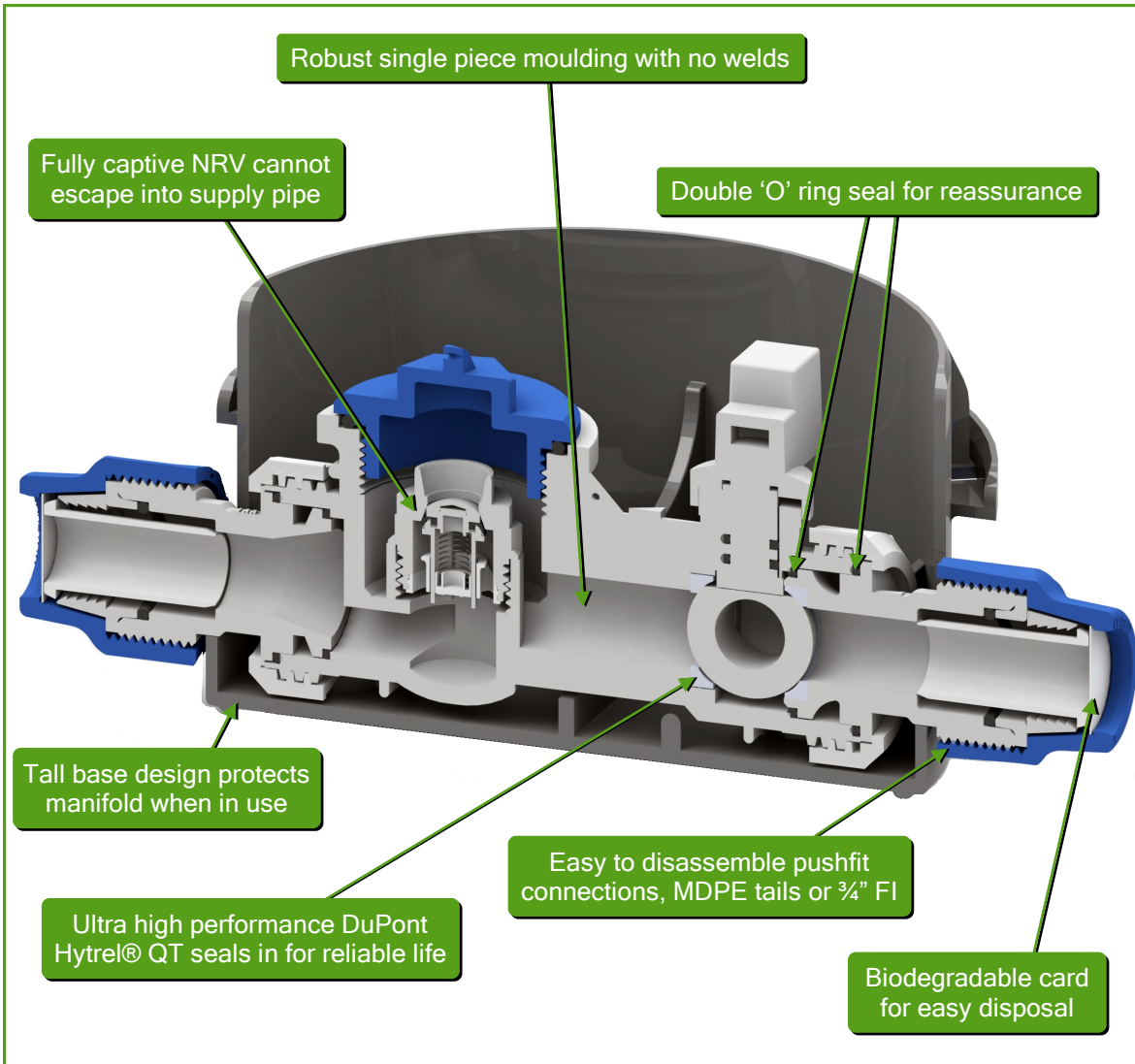


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Waterfit Manifold Key Features



Waterfit is a true UK manufacturer

We operate from our site at Dudley in the West Midlands. This purpose built manufacturing facility spans 24,000 square feet and encompasses in-house machining, assembly and testing facilities. Furthermore, our modern warehouse enables us to hold extensive stocks of both raw materials and finished products so we can react rapidly to customer requirements.



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Waterfit Limited

swift delivery

Quality Products

Award Winning Environmental Properties



Working with Waterfit, we have developed water meter chambers using 100% recycled materials. Use of these chambers will divert 90,000 kg of waste from landfill and save 500 tonnes of CO2 per year, the equivalent of 48,000 energy saving light bulbs.

- South West Water Corporate Responsibility Report 2010



Visiting us

Waterfit is easily accessible from the M5 and M6 motorways and is just 40 minutes from Birmingham International Airport.

For detailed directions, please contact us or visit our website.

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