

# Ratwall Rat Blocker

## Everyday Essentials



**METEX<sup>®</sup>**

**Ratwall offers robust construction and ease of installation, with a quality range of stainless-steel single flap Rat Blockers, to effectively stop rats from entering a property through the drains.**

With its award-winning design, it is ideal for installation into underground drains.

It can be installed by hand or from street level with the optional installation pole; it has a unique low force fit and can be configured for an inlet or outlet position. Ratwall is suitable for 100mm and 150mm (4 inch and 6 inch) drains in both plastic, clay and cast iron, and has a unique external hinge allowing maximum waste flow. The external hinge block ensures that the unit cannot become dislodged and lost into the sewer pipe.

Designed in the UK, it is well-engineered, strong unit - a fully stainless-steel unit, it is both acid resistant and durable for a long life.

Eco-friendly, this clean and non-toxic Rat Blocker offers a long-lasting and green pest control solution for stopping rat access by means of the drains.

### Advantages:

- Manufactured from robust, 304 Stainless Steel.
- Reversible flap for installation into either inlet or outfall.
- Design prevents possibility of unit being lost into drainage line.
- Low cost and award winning design.
- Easy installation, featuring an unique low force fit.
- Available for DN100 and DN150 pipes.
- Optional 1m and 2m street level installation poles.



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## Ratwall is stainless steel rodent exclusion device.



### Material:

Stainless Steel 300 Series.

### Application:

Ratwall is to be installed within drainage inspection chambers, the device is configured for the inlet or outlet position.

### Security:

Ratwall has a secure expanding friction fit within the pipe. Ratwall cannot become dislodged and lost into the drainage line due to the integrated stopper.

### Installation:

Ratwall has an integrated mechanism to compress its diameter for a low force fit. Ratwall may be installed from street level with the optional installation pole. Refer to installation instructions.

During installation the warning label should be mounted visibly within the inspection chamber. Ensure the installation instructions are followed carefully when re-installing the unit.

### Maintenance:

Ratwall is maintenance free unit, however it should be inspected at 6 monthly intervals, along with the overall condition of the drain. Ratwall must be removed before and replaced after any drainage maintenance work.

The Rat Blocker can be easily removed and re-installed for drain cleaning and maintenance purposes.

During the first three months it is important to check that the Rat Blocker is operating correctly. The Rat Blocker must be inspected and cleaned at least once a year.

It is recommended that a service agreement is put in place for the inspection and maintenance of the installed Rat Blocker.

### Flow restriction:

Ratwall opens fully for maximum flow with no hinge or mechanism within the pipe diameter.

## Ratwall Rat Blocker Products from Metex

Product Code	Description
RAT100/110	Ratwall 100/110 Rat Blocker (4 inch)
RAT150/160	Ratwall 150/160 Rat Blocker (6 inch)
RAT002H	Ratwall Installation Pole 950mm
RAT003H	Ratwall Installation Pole 2m

### Installation Instructions

Ratwall installation is easiest when using the optional installation pole.

1. Remove the cover of the manhole then flush a toilet to inspect the drain operation.
2. Holding Ratwall in one hand, gently compress the diameter while screwing the installation pole onto the large thread. Screw the installation pole down firmly to hold the body in compression.
3. Holding the installation pole, Ratwall may now be lowered into position within the manhole chamber and inserted into the pipe in the manner described above. With Ratwall in place unscrew and remove the installation pole. Test to ensure that the flap is free to move and that it opens in the direction of flow.
4. Test the drain carefully by flushing the toilet 3 times with toilet paper and visually ensure that the paper and water pass the rat blocker.

#### Installation without the Installation Pole:

Installation without an installation pole may be done by following the steps above and using the supplied nut instead of the installation pole to hold the unit in compression. Once the Rat Blocker is located in its place in the pipe the nut should be fully loosened using a 17mm spanner.

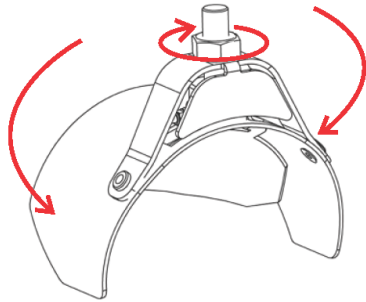
#### Installation into Chamber Inlet - Orientation of Flap:

Ratwall is factory configured to work within a chamber outlet, but can be re-configured to protect a chamber inlet (with or without installation pole), by undertaking the following steps:

Using a 2.5mm Allen Key remove the top brace piece. Remove the pivot pin (or pivot bolt and nut). Rotate the flap by 180 degrees and secure it in place with the pivot pin (or pivot bolt and nut), taking care that it remains free to swing with no resistance. Install the brace in its original position with the two screws.

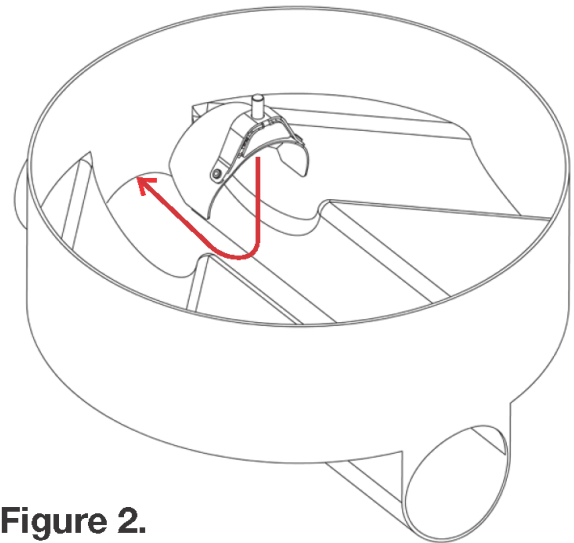


## Illustrated Installation Instructions

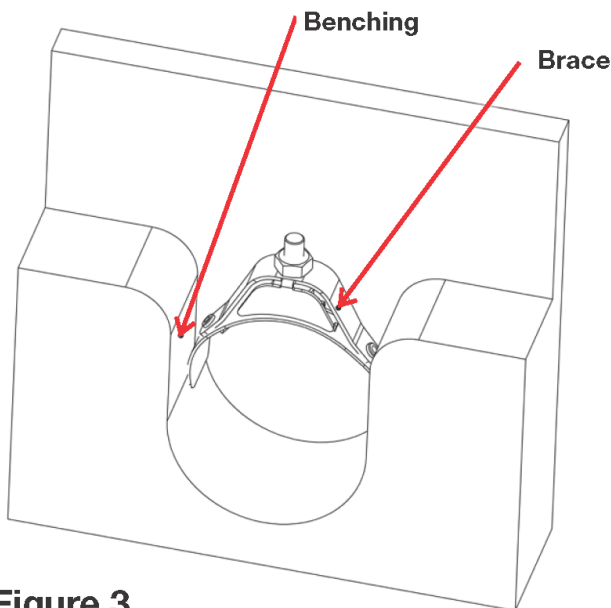


**Figure 1.**  
**Compression**

Tighten nut or use the optional installation pole to compress the body of the unit, for an easy fit

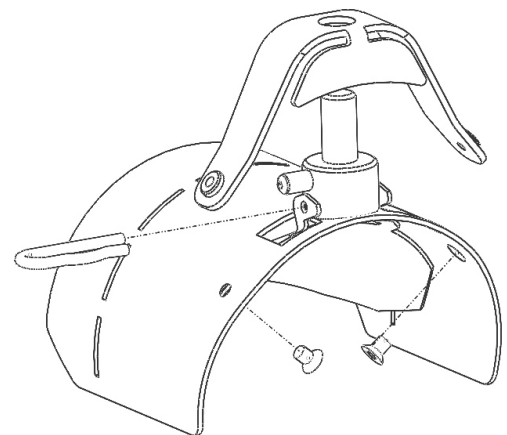


**Figure 2.**  
**Ratwall installation into chamber**



**Figure 3.**  
**Benching**

Remove Ratwall brace if uneven benching prevents an easy installation



**Figure 4.**  
**Brace removal**

Remove Allen key fixings.  
Lift upwards for removal

## S1E Limited Specialist Suppliers of Trenchless Technology

### No-dig Pipeline Repair

S1E Limited is a specialist supplier of trenchless technologies to the drainage repair industry. The company focuses on sourcing quality products for professional use. They are all tried and tested in the field to produce impressive results. S1E distributes high-quality products from market-leading manufacturers for the drainage repair industry. Products include camera inspection systems, cutting and cleaning tools, CIPP lining equipment and consumables, mechanical point repair devices, rat blockers and other site consumables.

S1E Limited is committed to being a quality supplier, with a focus on customer service. S1E is proud to be an active member of the UK Society for Trenchless Technology.

First established in 2007 as Fernco Environmental, the company's mission was to seek out repair products for the infrastructure repair and water management markets. Since 2016, it has re-focused its ranges to the specialist field of trenchless repair, with a growing portfolio in this specialist area.

The company is owned by Cooper Companies Inc, a US-based leader in the production of pipe couplings. The Group also owns companies in Canada, Mexico, Brazil, Germany and France, as well as the UK-based sister company to S1E, Fernco (previously, Flexseal).

It is accredited to ISO 9001: 2015 for its Quality Management System. It is also accredited to ISO 14001: 2015 for its Environmental Management System.



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