



Innovation for Construction

Ratwall



Instructions for use

Insert the Ratwall device in the manhole chamber outlet. By protecting the chamber outlet, a single Ratwall device will protect all upstream drainage as Ratwall stops rats from travelling upstream and entering the property, but does allow them to travel downstream.

The Ratwall is a robust Stainless Steel device and is held securely in position by a tight friction fit.

Installation without Pole

Holding Ratwall in one hand, gently compress the diameter by hand while tightening the M10 nut onto the large thread. Screw the nut down until the brace almost touches the stop.

Push Ratwall into the chamber outlet, begin by inserting at a slight angle to the pipe and gently move the device from side to side while pushing it into the pipe. Insert Ratwall fully, until the stop touches the chamber wall. With Ratwall in place loosen the installation nut until Ratwall is securely held in place. With Ratwall in place, test to ensure that the flap is free to move and that it opens in the direction of flow.

Alternatively :

Ratwall may be inserted by compressing the diameter by hand before locating in the chamber outlet.

Installation with Pole

Holding Ratwall in one hand, gently compress the diameter by hand while screwing the installation pole onto the large thread. Screw the installation pole down until the brace almost touches the stop.

Holding the installation pole, Ratwall may now be lowered into position within the manhole chamber and inserted in to 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.

Installation into Chamber Inlet

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 bolt, nut and the flap. Rotate the flap by 180 degrees and secure it in place with the 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.

Ratwall can be simply removed and re-installed for drain cleaning and maintenance purposes using the Installation Pole or supplied Nut.



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METEX

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Illustrated Installation Instructions

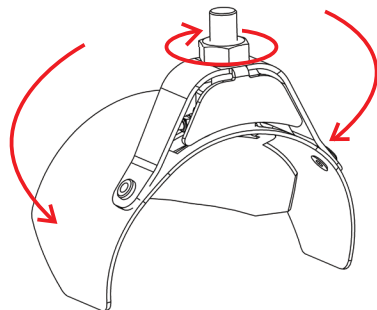


Figure 1.
Compression

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

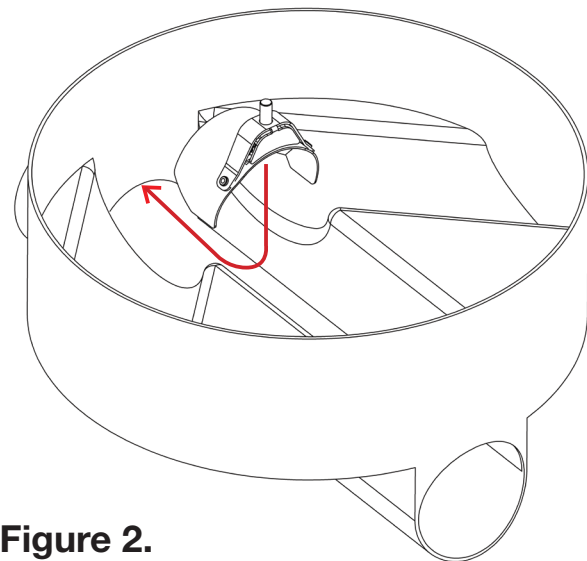


Figure 2.
Ratwall installation into chamber

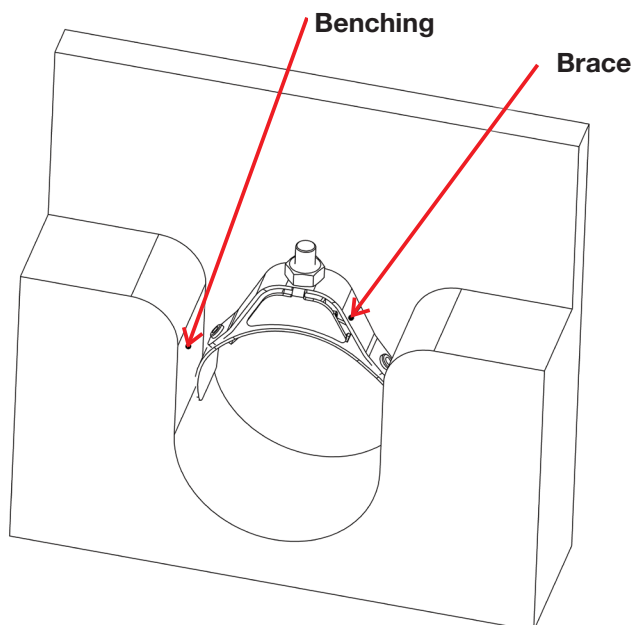


Figure 3.
Benching

Remove Ratwall brace if uneven benching prevents an easy installation

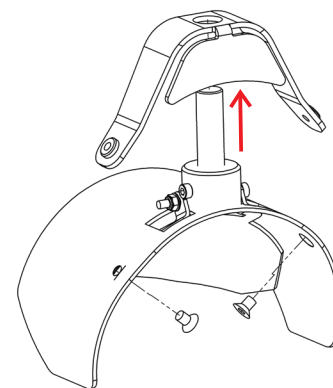


Figure 4.
Brace removal

Remove Allen key fixings. Lift upwards for removal

MD041 Rev2