



## **Installation Instructions for Ratbarrier, Sewerstore and Advanced Metal Works Rat Valves.**

Please phone 01793 630768 or email [admin@sewerstore.co.uk](mailto:admin@sewerstore.co.uk) if you require further advice on installation.

1. Apply latex Gloves and eye protection to protect against splash back of sewage
2. Locate and open manhole cover and identify direction of flow from the property by running taps and flushing toilets, non return valves should be fitted to every outlet from the property to ensure complete protection. Ensure outlets are suitable for the installation of the valves, if outlets are curved then modification may be required to allow room to install or use our Mini Valve version for curved outlets..
3. Extend the mounting pole if using for deep chambers (click to buy online) and attach the Rat Blocker before lowering it into the manhole. If installing in a reachable outlet no pole is required as the valve once compressed and inserted into the pipe will clamp against the chamber wall. The pole and fitting kit is only for deep chambers.



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4. Clean all outlets and ensure they are free from dirt or debris.
5. Push Valve into outlet a rubber mallet maybe required to gently tap the metal body of the valve pushing it into the outlet..

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6. Ensure flap operation is correct by running the water through the pipe by flushing the toilet or running taps.
7. Ensure hinge is aligned vertically and flap opens and closes without fouling.
8. If using the retaining cable drill hole approximately 5-10 inches above the valve into the wall of the chamber and push in the raw plug, screw in o ring screw and attach the cable (The cable prevents the valve from blocking the sewer if in the unlikely event it became loose)
9. Maintenance by inspection of the valve should be carried out once per year ensuring hinge is functioning correctly.rats chewing manhole lid

## Removal Instructions for the 110mm non return valve

1. Open manhole cover and identify valve for removal
2. Apply latex gloves and eye protection to protect against splash back
3. Remove retaining cable (if in use)
4. Lift flap and expose valve body

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5. Using Pliers grip body of the valve and pull valve out, if valve is stuck using pliers move valve from side to side or up and down until it becomes free.

## Correct Flap Direction

All models of the Sewerstore Rat Flap are supplied with reversible flaps so that the same unit can be used in either inlet or outlet pipes.

Check that the flaps are in the correct orientation before installing the unit. If the flaps are installed in the incorrect orientation this will result in blockage of the drain as the flaps will be prevented from opening. The following images show the correct orientation of the flaps for installation in inlets or outlets (flow direction is indicated by the smaller arrows).

