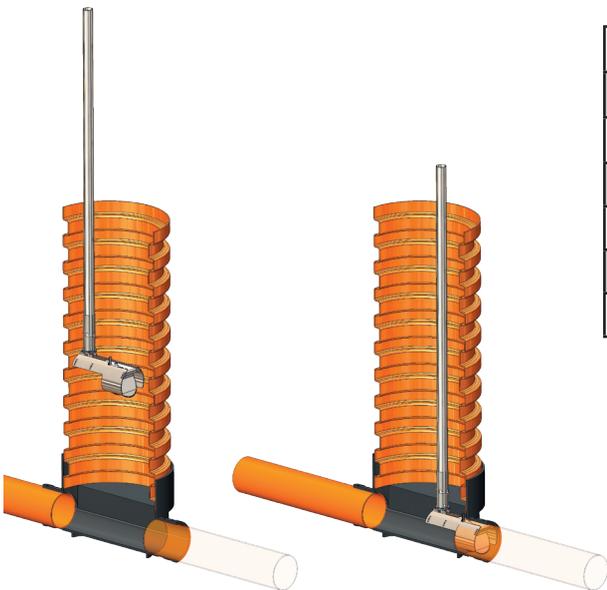
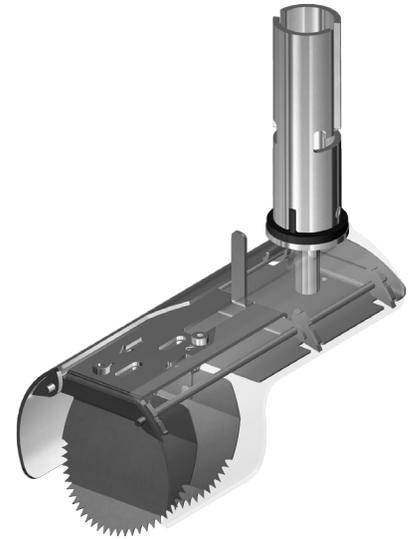


## WRc-approved TX11 Rat Blocker from Nordisk

Revolutionary new industrial-grade rat blocker to prevent entry by rats, whilst allowing free flow of waste

- Professional, industrial-grade rat blocker
- Over 90,000 units already installed worldwide
- All parts manufactured in acid resistant 316 stainless steel
- Features dual serrated flaps
- Reversible flaps for installation from either the inlet or outfall side of the pipework
- Purpose-made, extendable handle for installation by lowering into the manhole
- Design ensures unit cannot become dislodged and lost into drainage line
- Stocked products as below. Other sizes are available on request



Product Code	Description
RAT 92016100/110	Nordisk TX11 100/110mm Rat Blocker (4 inch)
RAT 92018150/160	Nordisk TX11 150/160mm Rat Blocker (6 inch)
RAT 92025225	Nordisk TX11 225mm Rat Blocker (9inch)
RAT 92035300	Nordisk TX11 300mm Rat Blocker (12inch)
RAT 90801	Nordisk Installation Pole 1m
RAT 90802	Nordisk Installation Pole Extension 1m

**NORDISK INNOVATION**



## Installation Instructions

Remove the cover of the manhole chamber then flush a toilet to inspect the drain operation.

Extend the mounting pole to the desired length and attach the Rat Blocker before lowering it into the manhole.

Once the Rat Blocker reaches the bottom, insert it into the desired position by pushing it forward until the stopper of the Blocker is touching the side of the chamber.

Turn the mounting pole clockwise until the desired tightness has been reached.

Remove the mounting pole and test the installation by flushing the toilet 3 times with 6-7 pieces of toilet paper and visually check that the paper and water passes the Rat Blocker.

### Orientation of Flaps

All models of the Nordisk TX11 Rat Blocker 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).



#### Installation into Drain Inlet

The arrow on the housing of the Rat Blocker and the smaller arrow on the flaps are facing in the **opposite direction**. (Image to Left)



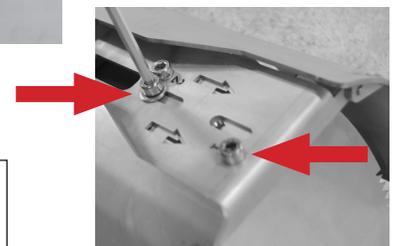
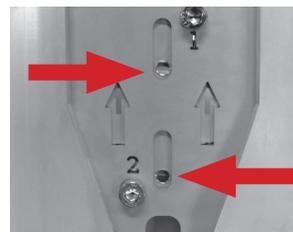
#### Installation into Drain Outlet

The arrow on the housing of the Rat Blocker and the smaller arrow on the flaps are facing in the **same direction**. (Right image)

### Adjusting the gap between Flaps and the Bottom of the Pipe

Before installing the Rat Blocker it is possible to alter the angle of the flap for a better fit into the pipe (if required), this raises the flap by 5mm from the base of the pipe.

To do this install and firmly tighten the two optional hex head (Allen key) screws with retaining washers (supplied). These can be installed on top of the Rat Blocker as shown.



The installed unit should be maintained in accordance with the installation instructions