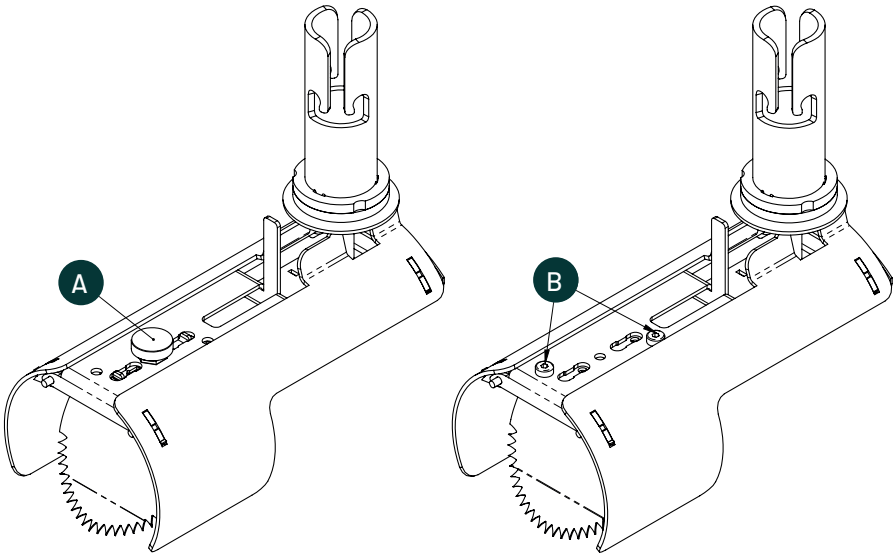
RAT BLOCKER TX11

Installation manual for the following models:

TX11 LOCK gates mounted with thumb screw (A):
100 mm to 160 mm cleaning and inspection chambers
NB. Before mounting, always check that the thumb screw is tightened correctly.

TX11 gates mounted with Allen screws (B):
80 mm to 82 mm drain connection
180 mm to 400 mm cleaning and inspection chambers



IMPORTANT INFORMATION

Warning: The gates are very sharp. Therefore, use gloves when handling the rat blocker.
Read the installation manual carefully before installing the rat blocker.
The installer is responsible for the rat blocker being able to be mounted in the well in question.
We recommend that the rat blocker is only handled by professionals who have a good knowledge of how the sewage system works and have received all necessary vaccines.

VA 2.99/19953
VA 2.99/20997

wrc approved
PT/543/0325

NORDISK INNOVATION

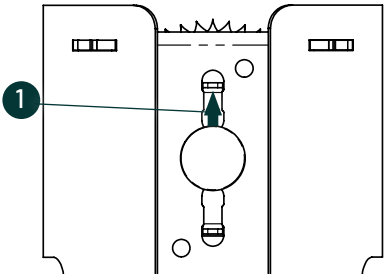
Thumb screw - orientation of the gate

The rat blocker from Nordisk Innovation is made with a reversible gate so that the rat blocker can be mounted on both the inlet and outlet sides.

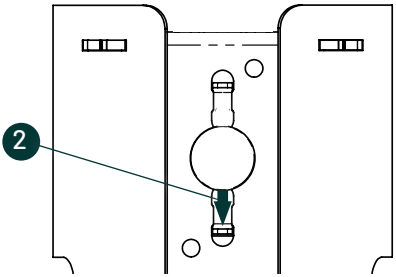
IMPORTANT! Check that the gates are positioned correctly in relation to the desired flow direction.

Positioning the gates incorrectly will lead to a blockage of the flow as the gates are prevented from opening.

The pictures below show the correct position of the gates in relation to the drainage direction.

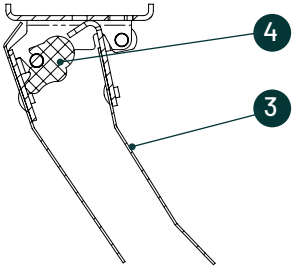


The arrow (1) indicates the flow direction for installation on the outlet side.



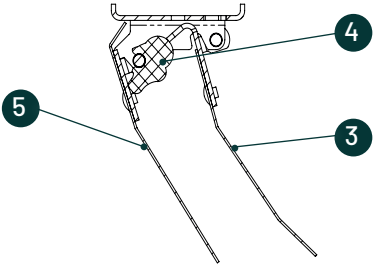
The arrow (2) indicates the flow direction for installation on the inlet side.

TX11 LOCK with gates mounted with thumb screw: 100 mm to 160 mm cleaning and inspection chambers



Gate lock not activated

Before installation, check the locking system is working. Hold the rat blocker horizontally, and grab the front gate (3), and pull back and forth several times. It must be clearly felt that the lock (4) prevents the front gate from opening.



Gate lock activated

The gate on the TX11 LOCK has both sharp teeth and a lock (4) mounted, which works by preventing the front gate (3) from opening without the rear gate (5) being activated.

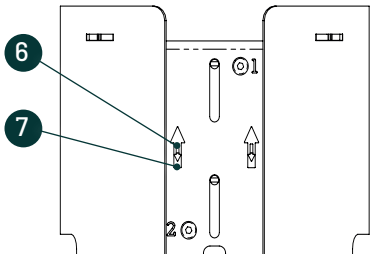
Allen screws - orientation of the gate

The rat blocker from Nordisk Innovation is made with a reversible gate so that the rat blocker can be mounted on both the inlet and outlet sides.

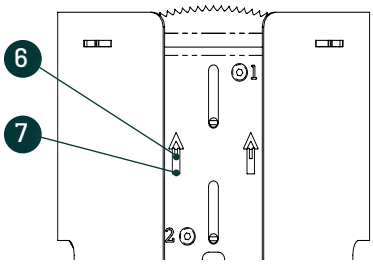
IMPORTANT! Check that the gates are positioned correctly in relation to the desired flow direction.

Positioning the gates incorrectly will lead to a blockage of the flow as the gates are prevented from opening.

The pictures below show the correct position of the gates in relation to the drainage direction.



Arrow on the rat blocker house (6) and arrow on the gates (7) faces opposite each other.
= Installation on the inlet side.



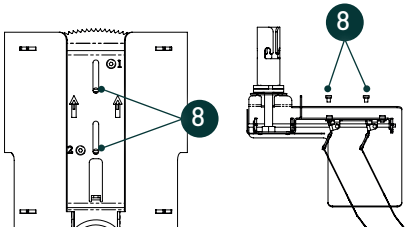
Arrow on the rat blocker house (6) and arrow on the gates (7) faces the same direction.
= Installation on the outlet side.

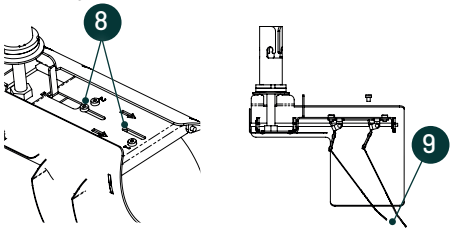
If the distance between the gates and the bottom run in the pipe is < 8 mm (Applicable for 180 mm and above)

In older pipes or where there is a lot of sediment in the bottom, the angle of the gates can be changed. This is only necessary if there is less than 8 mm of air between the teeth on the gates and the bottom run in the pipe when the rat blocker is mounted.

See illustration.

On the top of the rat blocker, 2 extra Allen screws (8) with 1 washer on each can be mounted. Mount the Allen screws with a washer on each, and tighten firmly. This increases the angle of the gates and increases the distance between the teeth on the gates and the bottom run in the pipe by 5 mm extra distance (9).





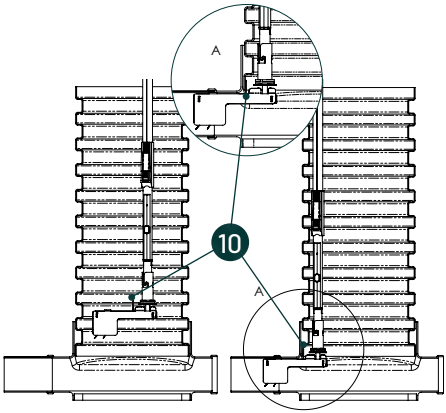
Installation instructions

Remove the cover and inspect the well, and clean as necessary.

The rat blocker is mounted on the mounting pole, lowered into the well, and inserted into the selected outlet/ inlet until the stop on the rat blocker (10) is in contact with the well side.

Turn the mounting pole clockwise until the desired tension is achieved. Remove the mounting pole and the installation is ready for test flushing.

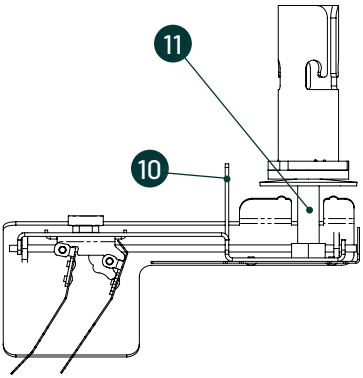
For the test flush, use 6-7 pieces of toilet paper and 2-3 flushes from the toilet, where it is visually ensured that paper and water pass through the rat blocker unimpeded.



After installing the rat blocker, the enclosed sign is mounted at the top of the well.

We recommend that the rat blocker is serviced at least once a year. (See operation and maintenance plan on the website).

The rat blockers from Nordisk Innovation are made of acid-resistant stainless steel AISI 316 and most are WRc-approved by WRc Group and VA-approved by ETA-Danmark. To prevent tearing and burning of the thread, we recommend that you lubricate the threaded piece (11) with assembly paste during service and maintenance of the rat blocker.



We recommend the following products for lubrication:
CRC lubricant Ceramic Paste or
UNICAN ASW-1400

We are happy to answer any questions or provide assistance. Please scan the QR code for contact information:

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