

II. ASSEMBLY

Instructions for REALICE

REALICE r10x, REALICE r6x, REALICE r4x, REALICE r1x



Figure 1: Shows the how the REALICE unit should look after assembly

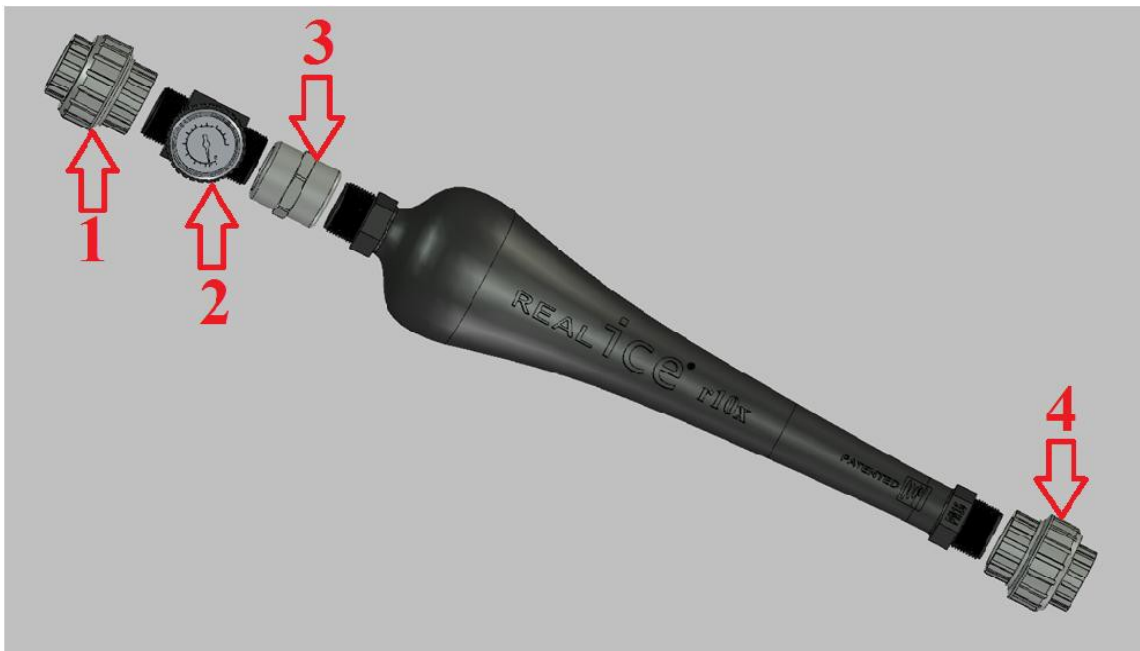


Figure 2: The different parts belonging to the REALICE unit

Before the REALICE unit can be mounted on the tubing/piping system it needs to be assembled together. Besides the REALICE unit, 4 different parts are involved.

REALICE R10x

1. PVC-union connector on the inlet.
 - 1 ¼ " with an inward G 1 ¼ " thread
2. Watreco 1 ¼ " Adaptor unit (with mounted manometer) with an outward G 1 ¼ "
3. 1 ¼ " connection sleeve with an inward G 1 ¼ " thread
4. PVC-union connector on the outlet.
 - 1 ¼ " with an inward G 1 ¼ " thread

REALICE R6x and R4x

1. PVC-union connector on the inlet.
 - 1 " with an inward G 1 " thread
 2. Watreco 1 " Adaptor unit (with mounted manometer) with an outward G 1 "
 3. 1 " connection sleeve with an inward G 1 " thread
 4. PVC-union connector on the outlet.
 - 1 " with an inward G 1 " thread
- The parts shall be screwed together as figure 2 shows.
 - The union parts (1 and 4) shall be placed with the thread sleeve on the outside of the REALICE unit (so it can be removed from the unit).
 - Before screwing the parts together seal tape shall be applied on the outward threads so the unit does not leak.
 - Use P.F.T.E Thread Seal Tape 19 mm/0.75" x 0.2 mm/0.008", density 0,35 g/cm³.
 - If it is too easy to screw the parts together, use more seal tape.
 - **NEVER** screw the parts together so they come in contact with each other, leave a 0,5 mm/0.2" distance between the parts. Be careful with the manometer on the adaptor.
 - If tools are used, be careful so the outer paint protection is not damaged. If necessary, use a soft cloth or tape in between.

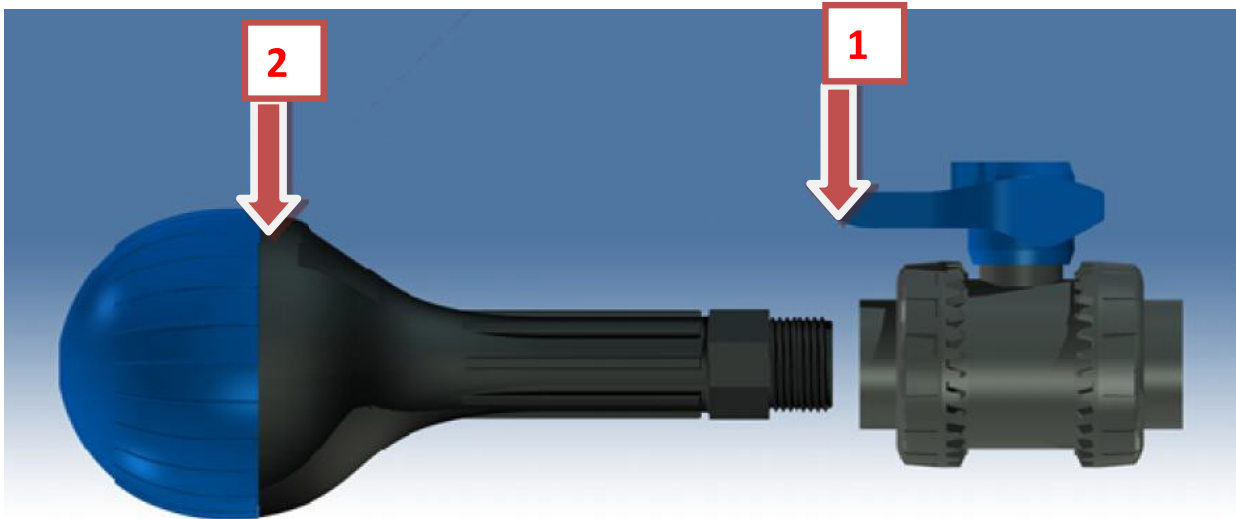


Figure 3 the different parts belonging to the REALICE r1x nozzle

REALICE r1x nozzle

1. PVC-ball valve connector on the inlet, “ with an inward G 1” thread
 2. REALICE r1x unit
- Before screwing the parts together seal tape shall be applied on the outward threads so the unit does not leak
 - Use P.F.T.E Thread Seal Tape 19 mm/0.75” x 0.2 mm/0.008”, density 0.35 g/cm³
 - /21.8lb/ft³
 - The parts shall be screwed together as figure 3 shows
 - Figure 4 how to tighten PVC-ball valve connector
 - Tighten the PVC-ball valve connector so it does not leak

