

Installation Guide Planmeca ClinicPatrol™ for Units & Autoclaves



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1 Introduction

ClinicPatrol™ is a combination of reverse osmosis and a filter cartridge for complete Desalination of the permeate.

2 Planmeca App download

Download site for Planmeca ClinicPatrol™. Scan QR code



3 Documents and films regarding Planmeca ClinicPatrol™

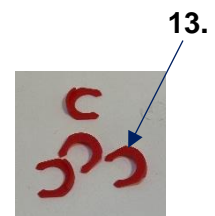
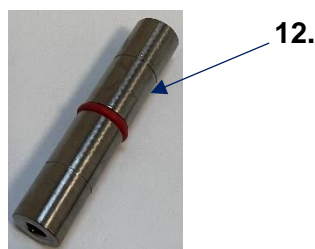
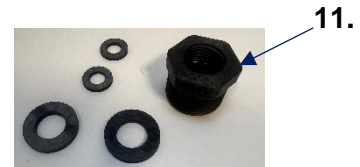
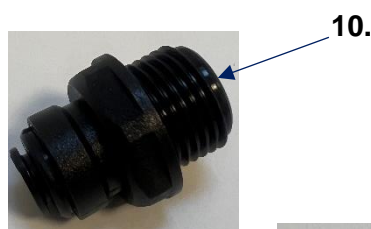
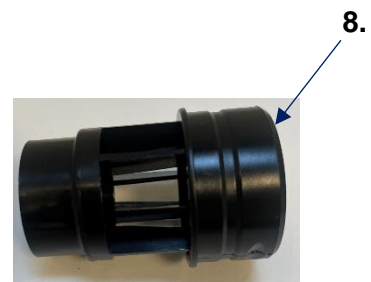
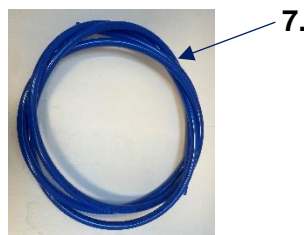
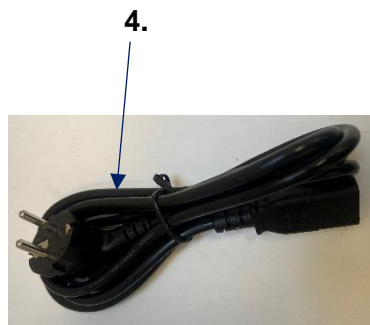
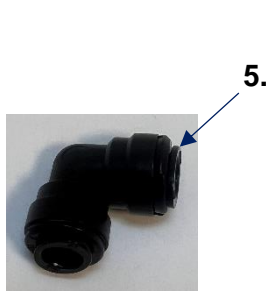
To see the documents and films listed below, scan the above QR code

- Documents
 - o Manual
 - o Service and Maintenance, document
 - o CE Declaration of conformity
 - o FAQ
 - o Installation guide for Units & Autoclaves
 - o Installations setup for Autoclaves
 - o Installations setups for Units & Autoclaves
- Films
 - o Installation
 - o Service guide
 - o Guide for filter replace

4 Scope of delivery

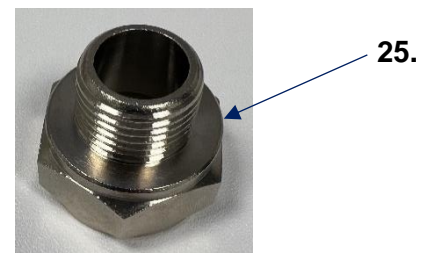
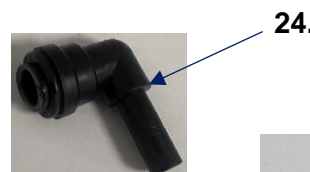
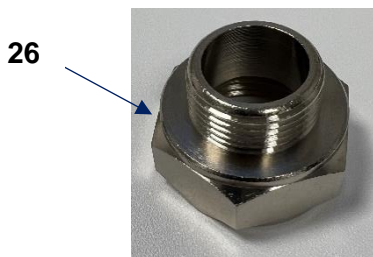
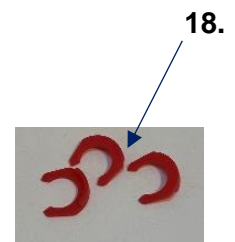
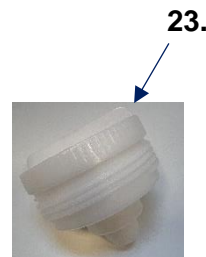
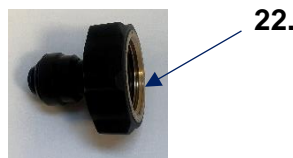
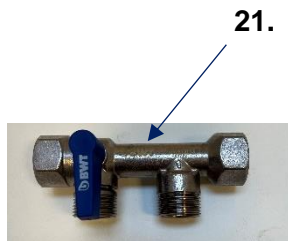
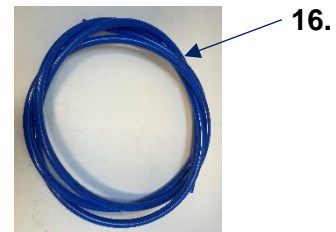
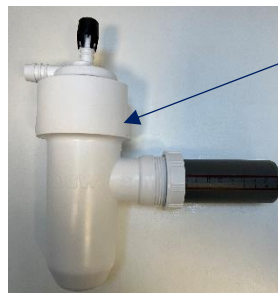
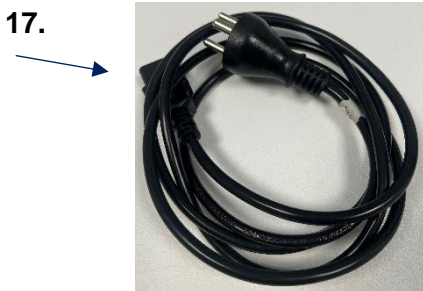
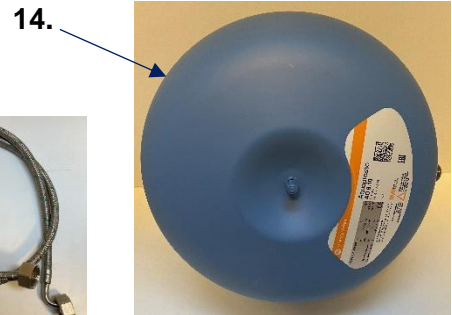
1. 1 Pcs. Planmeca ClinicPatrol™ unit.
2. 1 Pcs. Planmeca Patrol™ 5
3. 1 Pcs. Planmeca Patrol™ 14
4. 1 Pcs. Power cable, Power Cord SCHUKO
5. 1 Pcs. Elbow 8mm
6. 2 M Black Tube, 8mm
7. 2 M Blue Tube, 8mm
8. 1 Pcs. HT-Drain
9. 1 Pcs. Straight terminal F3/8" 8mm
10. 1 Pcs. Straight male 1/2" 8mm
11. 1 Pcs. Reduction F3/8" M3/4"
12. 1 Pcs. Flow Restrictor Stainless Steel 1.4mm
13. 4 Pcs. Clips 8mm

Be Advised: There are components in the set which are not to be used!!



5 Installations Kits

- 14. 1 Pcs. Hydrofor 8, 25, 50L
 - 15. 1 Pcs. SPX DN8 3/4F x 3/4E 1500mm
 - 16. 5 m. Tube foodgrade 8mm
 - 17. 1 Pcs. Power Cable with DK ground
 - 18. 3 Pcs. Locking clips 8mm
 - 19. 1 Pcs. Siphon w. Airgap
 - 20. 1 Pcs. Female adaptor 8mm
 - 21. 1 Pcs. BWT Multiblock
 - 22. 1 Pcs. Reduction FM 3/4"
 - 23. 1.Pcs. Bestmax blindcap for filterhead
 - 24. 2 Pcs. 8mm push-in elbow
 - 25. 1 pcs. Female X Male reduction 3/4" x 1/2" (25/50 L Hydrofor)
 - 26. 1 pcs. Female X Male reduction 1" x 3/4" (50 L Hydrofor)
- Be Advised: There are components in the set which are not to be used!!



6 Planmeca Patrol™ Filter head (Part No.: 428124201)

The filter head is assembled like shown below.

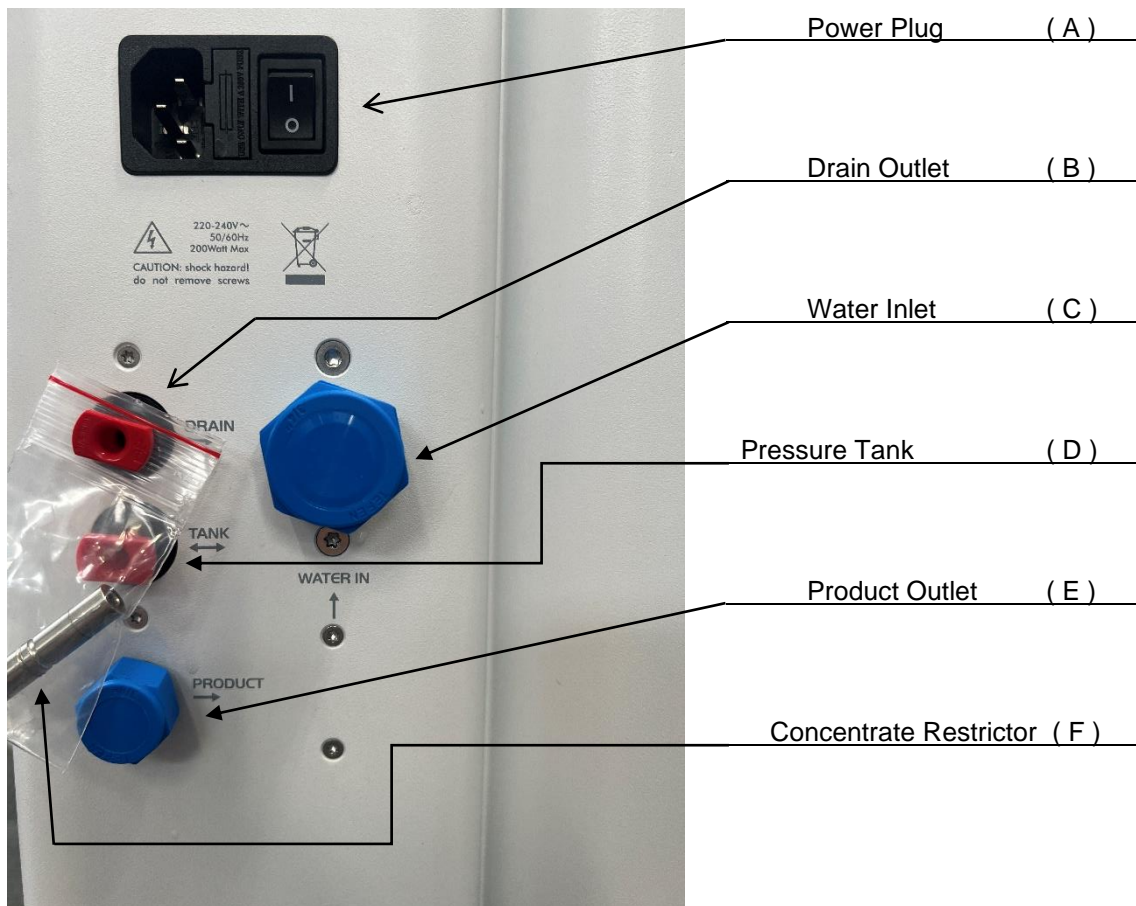


If a change or repositioning of the connectors are needed it can easily be done.

Rotate the clip to release the connection. The connector can now be changed out or repositioned in another angle. The connectors can be rotated in 360°. Remount the clip after change or reposition of the connector.

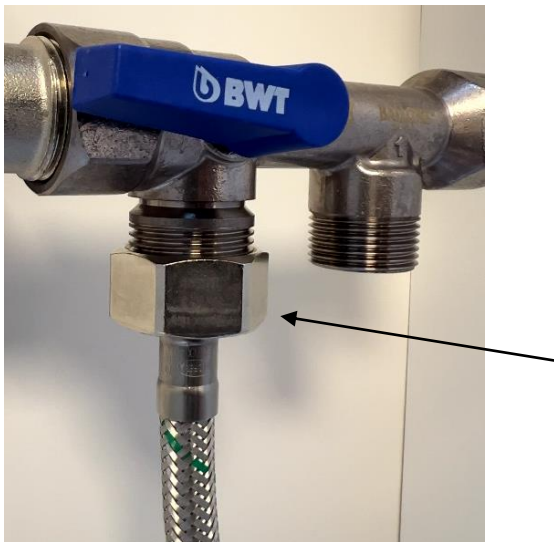


7 Overview of the back of the unit

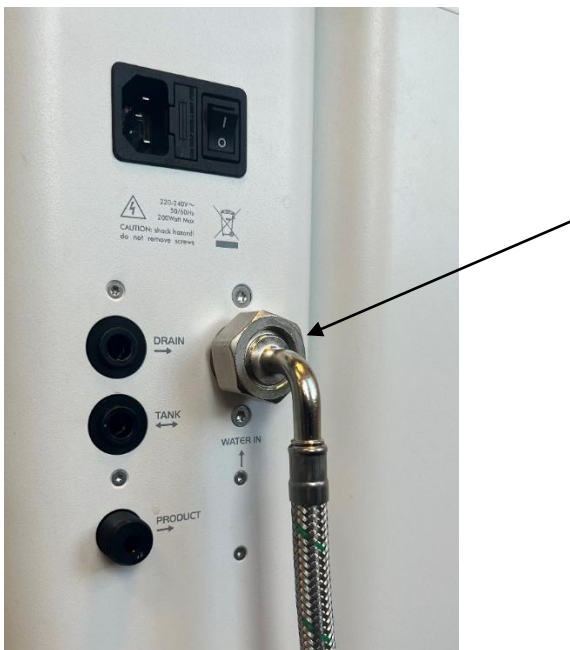


8 Step by step installation guide.

Mount the inlet water hose (15) to the inlet on the BWT Multiblock (21)

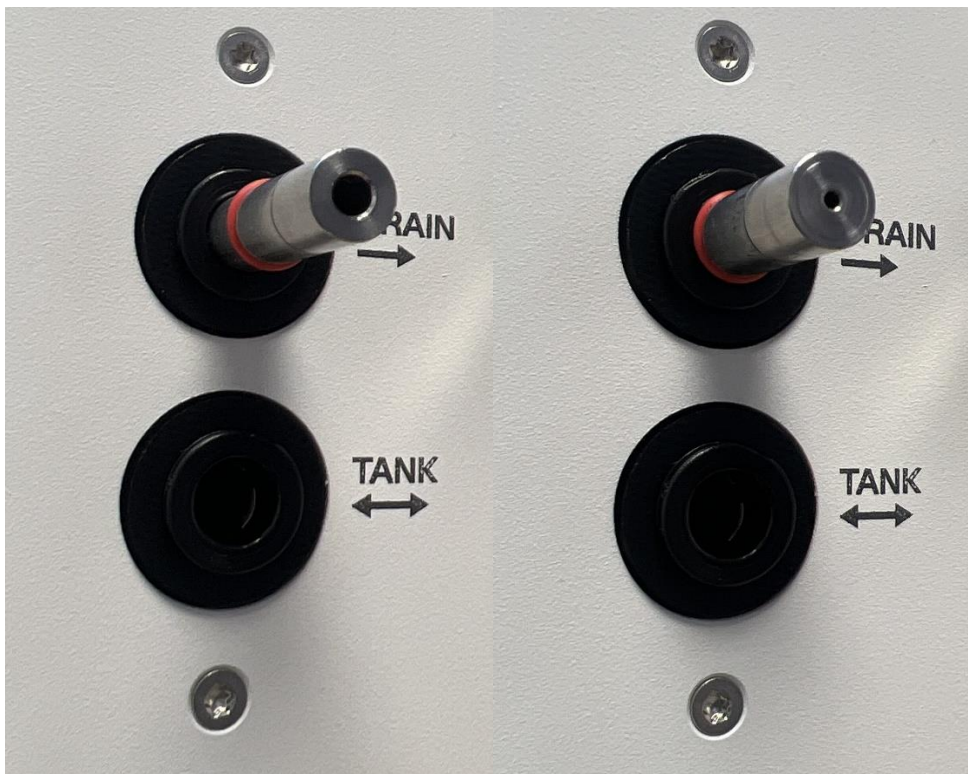
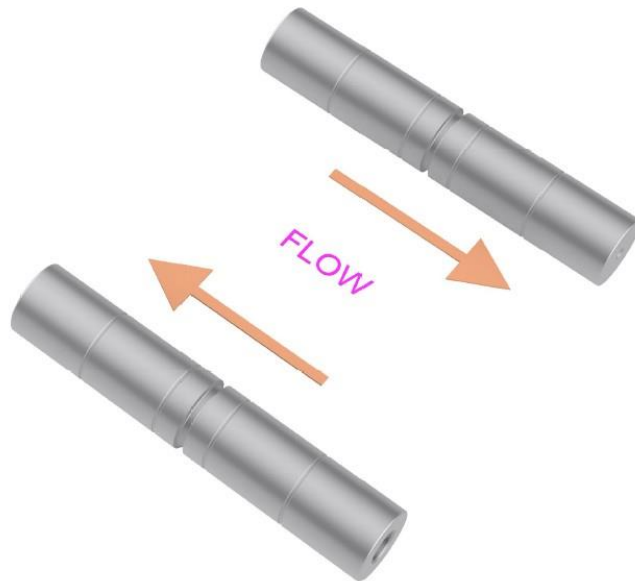


Mount the other end of the inlet water hose (15) on the Water Inlet (C).



Be Aware!!

Restrictor flow.



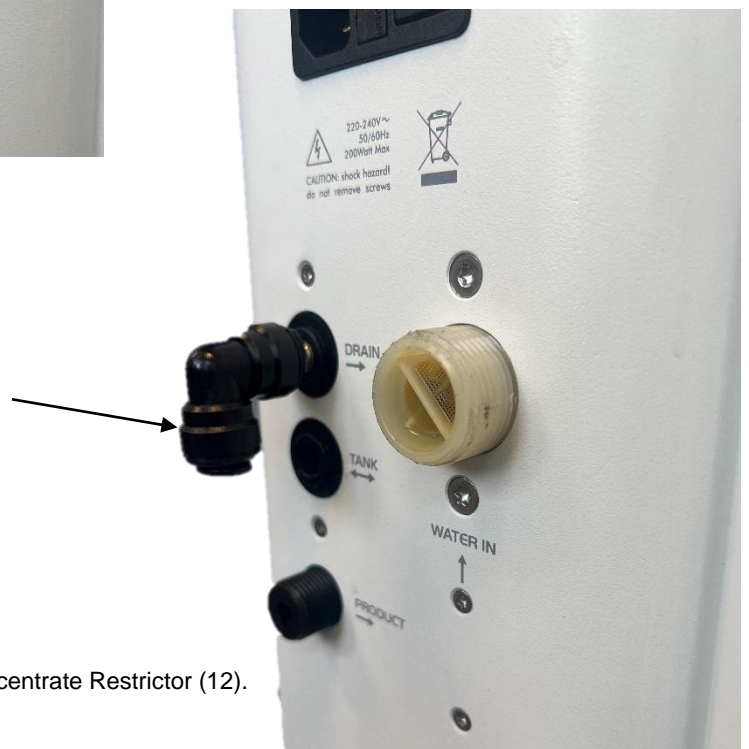
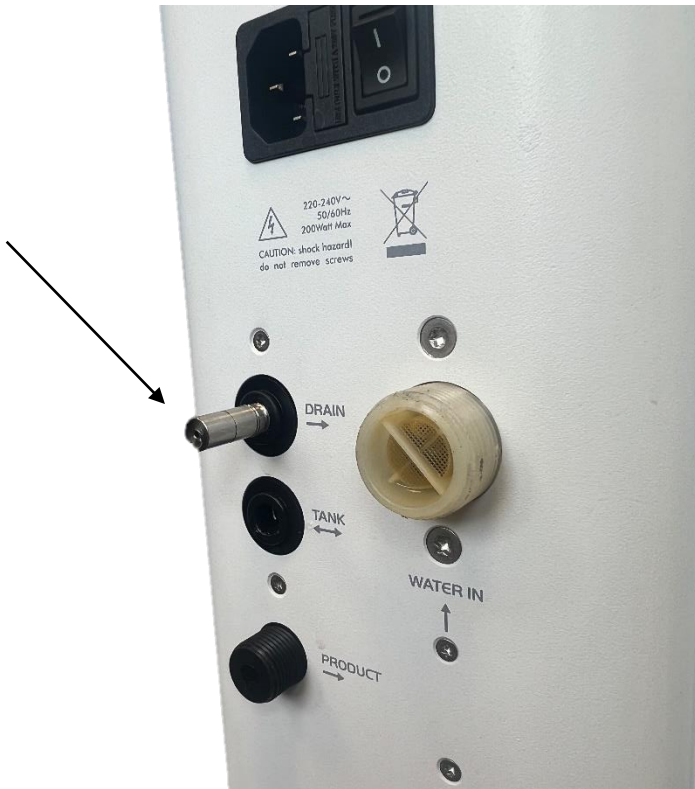
Wrong Way



Right Way

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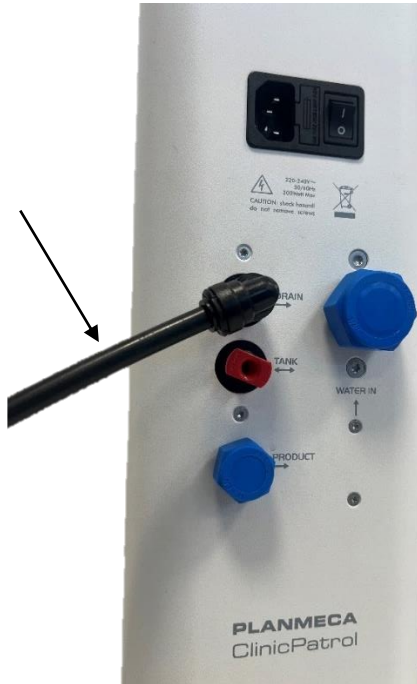
Insert the Concentrate Restrictor (12) in the Drain Outlet (B).



The Drain elbow (5) can now be mounted on the Concentrate Restrictor (12).

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Cut the 8mm hose (6) in the needed length for connecting the unit to the Siphon (19). Push the 8mm hose (6) into the drain elbow (5).



Push the 8mm push-in elbow (24) into the top of the Siphon (19).



Push the other end of the 8mm hose (6) into the elbow (24) on the Siphon (19).



Use a pressure gauge to measure the pressure in the pressure tank (14)



The factory default pressure aprox. 4 bars. The tank must be deflated to 1 bar.

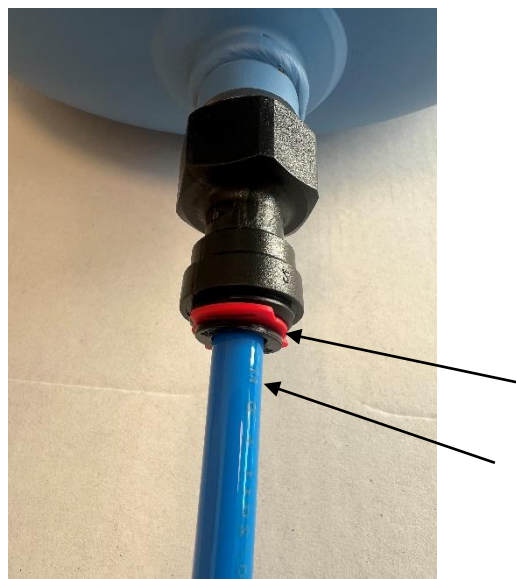


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Use the 8 mm hose (7) and cut it in the needed length, for connecting the unit to the pressure tank. Push one end of the 8mm hose (7) into the tank inlet (D). Remember to lock it with a locking clip (13).



Mount the Female adaptor 8mm (20) to the pressure tanks (14) inlet. Push the 8mm hose (7) into the adaptor (20) and remember to lock it with a locking clip (13).



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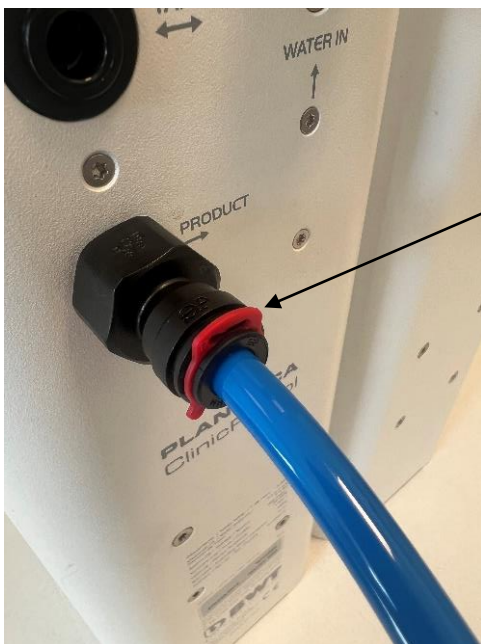
Mount the Straight terminal F3/8" 8mm (9) on the Product Outlet (E).



Push the 8mm hose (16) into the adaptor (9).



Remember to lock it with a locking clip (13).



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Mount the Reduction FM 3/4" (22) on the right side of the BWT Multiblock (21)



Push the 8mm hose (16) into the reduction (22)



Remember to lock it with a locking clip (13)



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Plug in the power plug (4) into the units power inlet (A). Remember to set the power button in OFF position.



Insert the 230V plug (4) into a wall outlet.



Now the all the connections are done and the back look like this:



9 Blindcap & Membrane installation

Install the Blindcap (23) (left side) as shown in the picture:



Install the membrane (3) (right side) by slightly tipping the unit back, insert the filtertop in the unit and rotate the membrane. Ensure that the filter and membrane catch the screw thread in the unit.



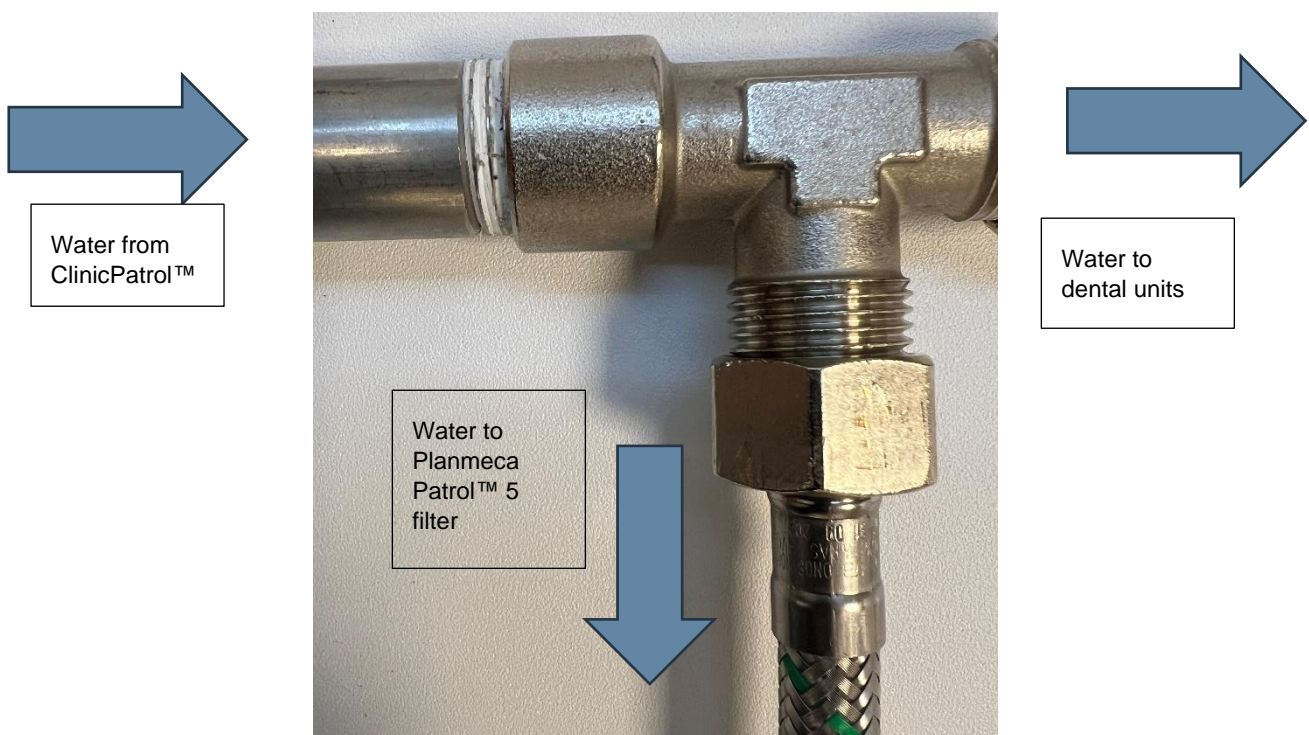
To see the film, scan the QR code in [section 2](#).

10 Planmeca Patrol™ Filter head installation

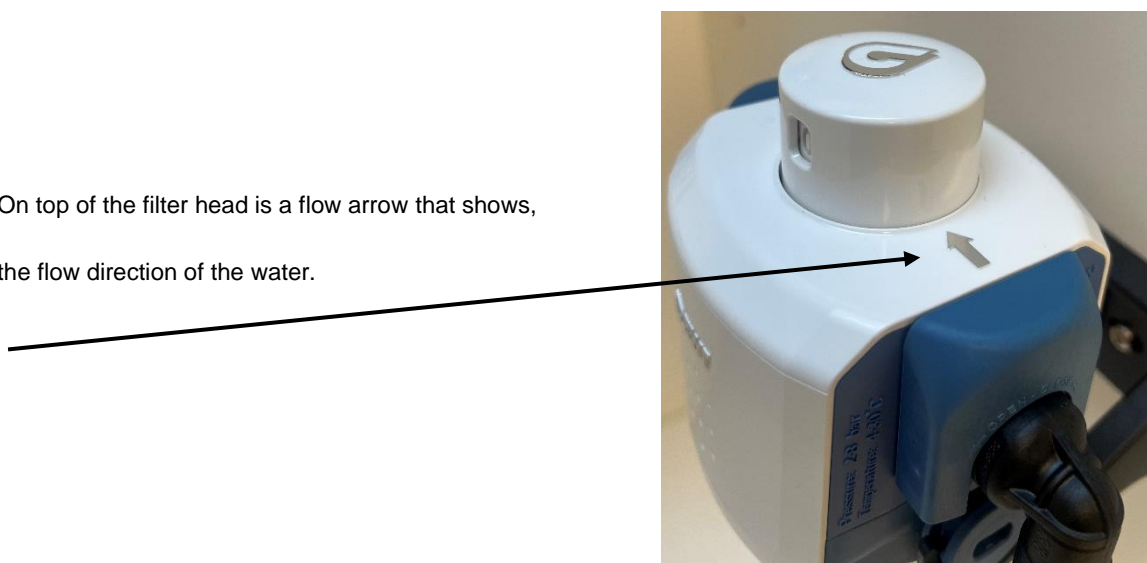
The filter for the autoclaves needs to be installed separately. After the BWT Multiblock, a tee is needed for separating the treated water into water for the units and water to the Patrol™ filter.

Mount a hose according to the installation. Remember the connection on the filter head is 1/2".

Here is an example:

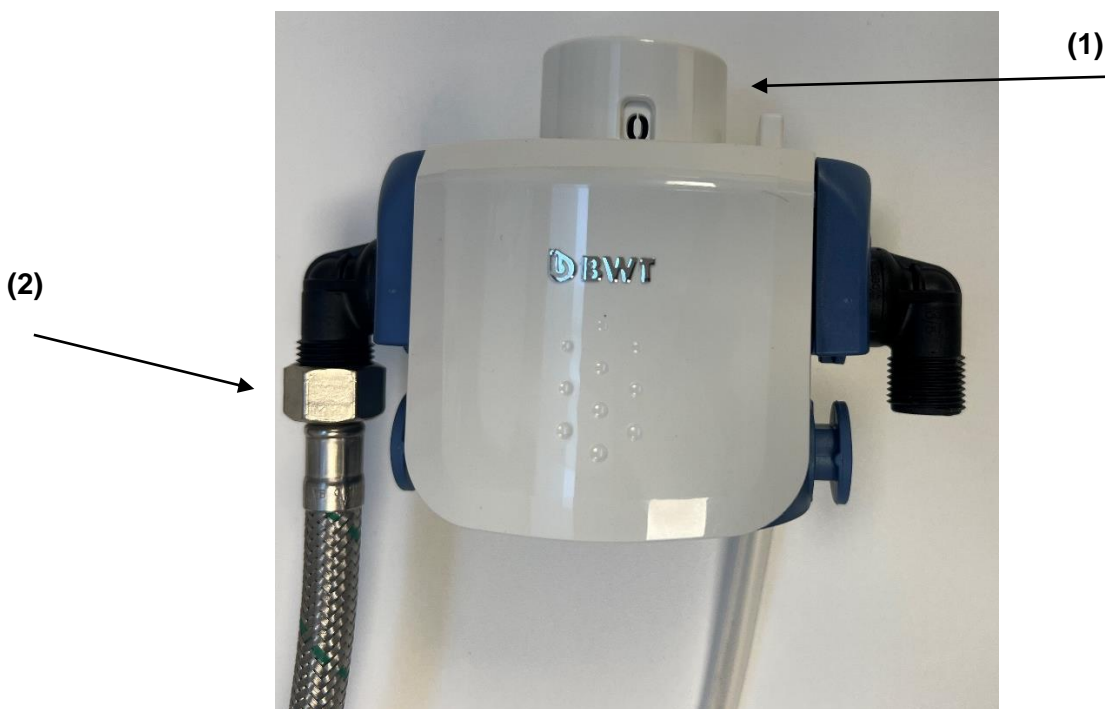


On top of the filter head is a flow arrow that shows, the flow direction of the water.

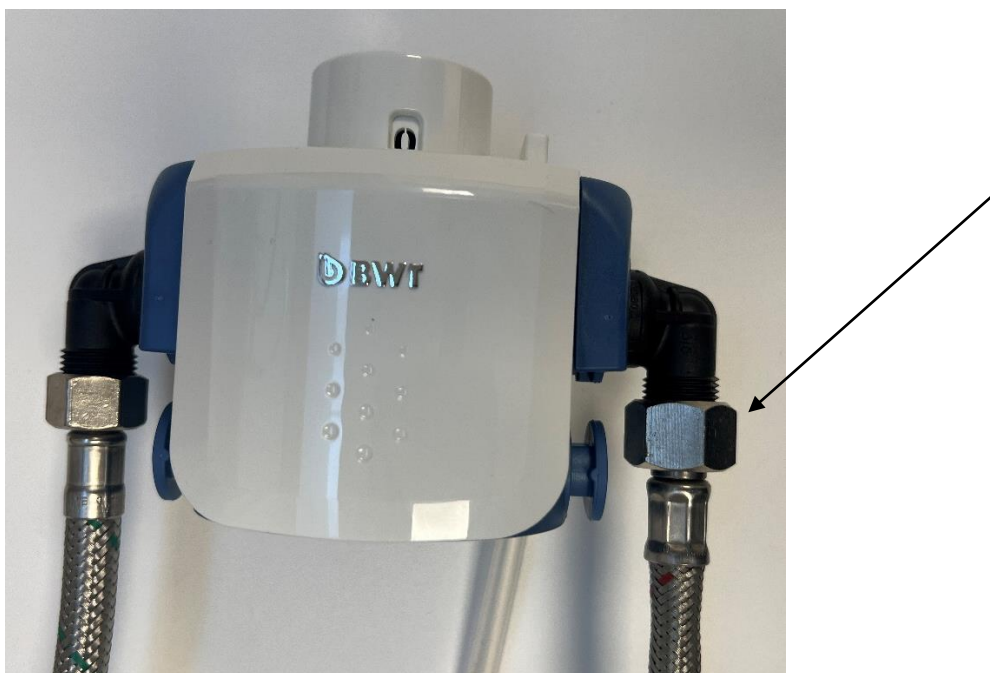


(1) Push down the bypass selector on top of the filter head to rotate it and set the bypass for 0. When the 0 appears in the slot the selector knob clicks back up.

(2) Mount the hose from the tee on the inlet as shown.



Mount a hose from the filter head outlet to the autoclaves.



11 Startup

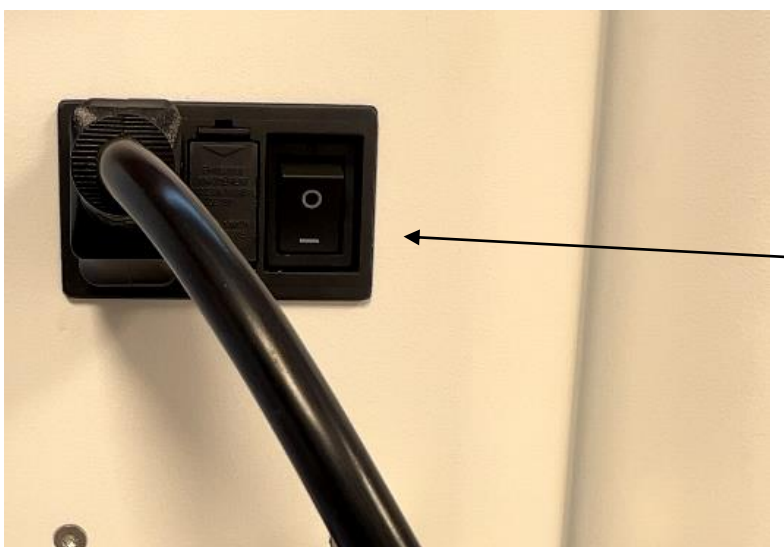
Now the Planmeca ClinicPatrol™ is ready to be started up.

Open the water by turning the handle slowly on the BWT Multiblock (21)



Check the installation for leaks before tuning the unit on.

Click the power button next to the power inlet (A) on the back.



The Planmeca ClinicPatrol™ will make a beep and will now make a rinse and prepare itself for operation.

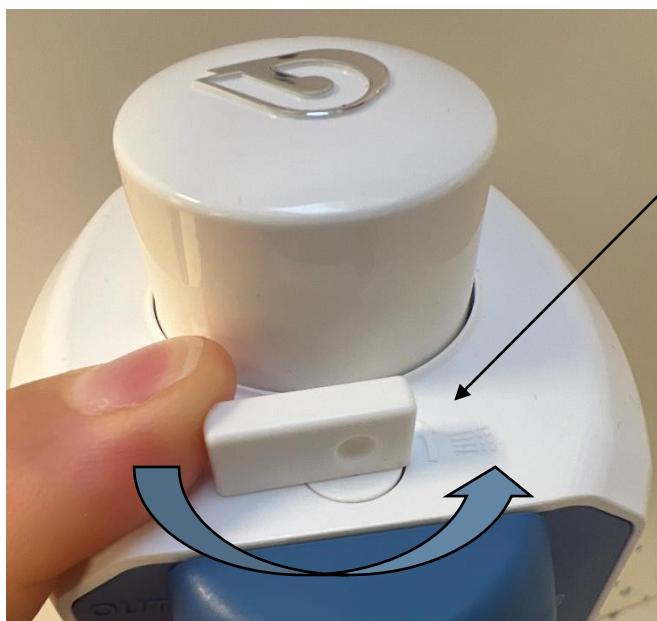
12 Planmeca Patrol™ 5 installation

Insert the filter in the filter head as shown



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When the filter has been mounted in the filter head it needs to be flushed. Turn the little flush knob next to the bypass selector.



The filter will start flushing out of the transparent hose at the bottom of the filter head.



You need to flush 2 liters out of a Patrol™ 5
And 3,1 liter out of a Patrol™ 10

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The filter can be installed both standing freely or wall mounted with the wall bracket.

