

Własna WODA

*Źródło własnej wody
to zdrowie, oszczędność i wygoda*

MANUAL for
Reverse Osmosis System RO-6



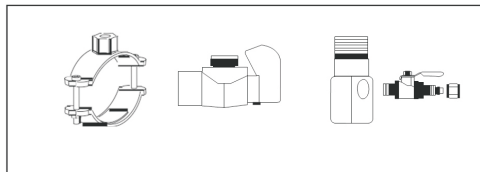
6-STAGE RO SYSTEM

Before using the filtration system, the parts have to be prepared and connected to water installation minding all steps mentioned in this manual.

CAUTION! The system must be connected while the main water supply source is closed.

1. While connecting the system to the water installation, please mind the products attached to the device in the small plastic bag:

- tank valve - during installation please check whether the tank connection thread has a gum sealing. The valve needs to be screwed by hand without using any tools
- clamping ring 1/4" for tubing - please glue the rubber seal
- chrome brass fitting - please check whether the rubber seal is placed from the side of the internal thread
- brass ball valve

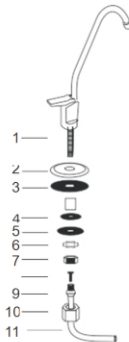


2. The brass fitting needs to be protected with teflon tape in order to prevent water leaks.

3. The outer thread 1/4" in brass valve needs to be sealed with teflon tape, like on the schematic, and connected to the brass fitting. Then, please connect the tubing to the valve and inlet elbow to the system, like shown on the schematic.

4. Screw the valve to the tank (pay attention to the seal) and connect the tubing with the final filter on the schematic.

5. Mount the faucet on the kitchen counter, with accordance to this steps:



- 1) Drill a 12 mm hole in the sink surface (in some cases, the producer suggests drilling in the construction which holds the sink or directly through the kitchen counter)
- 2) Mount the metal washer (2) and the rubber seal (3) on the threaded stub.
- 3) Place the faucet in the drilled hole.
- 4) Put rubber washers (4) and (5) on the stub from the bottom side of the counter top. Then, place the metal washer (6) and screw nut (7).
- 5) Mount the water tubing which connects the faucet with the system:
 - put the screw nut (10) and plastic clamping ring (9) on the tubing (11)
 - put the insertion (8) into the tubing
 - put the tubing (as far as possible) into the faucet and screw it (by hand) with the screw nut which was put on the tubing earlier.

6. After connecting the water connector, tank and faucet, water filters need to be rinsed before usage in order to wash out the carbon dust from the cartridges. The tubing needs to be connected in a way shown on the schematic, so that water can go to the drain. It is also important, to fill the housings with initial filters slowly until all the carbon dust is removed from them.

The amount of water needed to rinse the filters is about 15 liters.

7. Unpack the membrane from the foil and install it in the membrane housing. The membrane seals must be protected with industrial-grade petroleum jelly. **CAUTION!** It is very important for the membrane not to have any contact with other items after unpacking it.

8. After mounting the system, please keep the faucet turned off. The valve with water inlet should be opened and the tank will be filled. It may take up to 4 hours. After that, the tubing should be disconnected (F) and drain the water for about 1 hour. After that, the tubing must be reconnected to the point (F) and by turning on the faucet, the filters have to be rinsed again.

9. After rinse, the tubing needs to be connected and system needs to be turned on with the faucet off.

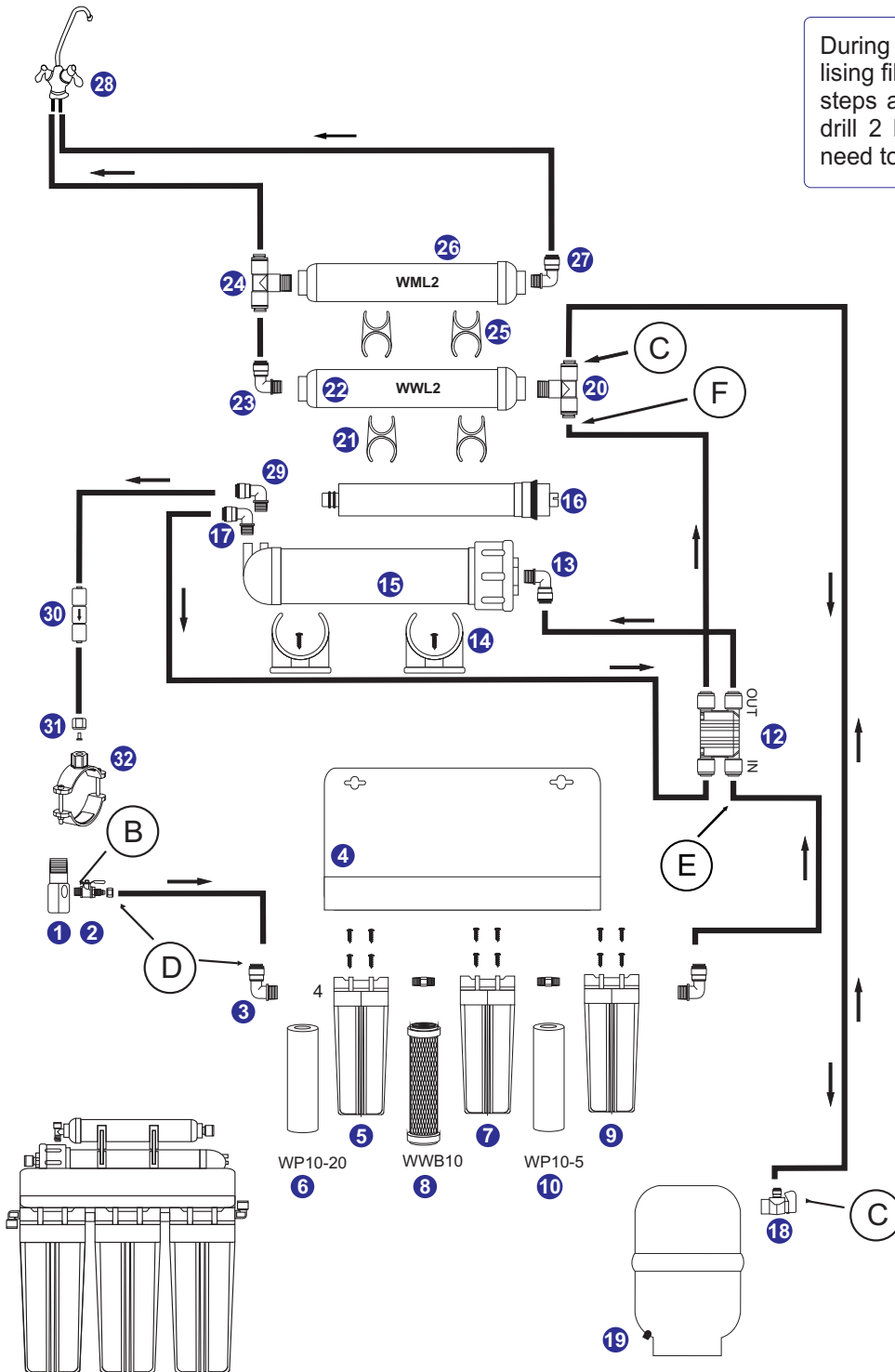
10. Please connect the pump to the power source. Now the equipment is ready to use.



Caution !

- The tubing is disconnected from the quick-fitting by pushing it inside of the fitting. After connecting the tubing, it is important to pull it lightly.
- In order to avoid leaks, the threads need to be protected with teflon tape (wound round 12-20 times).
- Filling the tank takes time. Up to 4 hours.

CONNECTION SCHEMATIC



During the installation of a set with a mineralising filter and a double faucet, take the same steps as on previous page. However, please drill 2 holes instead of one and the tubings need to be connected as below.

1. Connector
2. Ball valve
3. Elbow leading water to initial filters
4. Mounting bracket
5. Filter housing 1
6. Polypropylene filter 5 or 20µm
7. Carbon filter housing
8. Carbon filter cartridge
9. Filter housing 3
10. Polypropylene filter 1µm
11. Elbow
12. Auto shut-off valve
13. Elbow leading water to reverse osmosis system
14. Membrane housing clamp
15. Membrane housing
16. Membrane
17. Elbow with check valve
18. Tank valve
19. Water tank
20. Union tee for in-line filter
21. In-line carbon filter clamp
22. In-line carbon filter
23. Elbow for in-line filter
24. Mineralising filter union tee
25. Mineralising filter clamp
26. Mineralising filter
27. Mineralising filter elbow
28. Faucet
29. Membrane drain elbow
30. Flow limiter
31. Drain connector
32. Clamping ring



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