



RO5: Standard 5-stage water filter

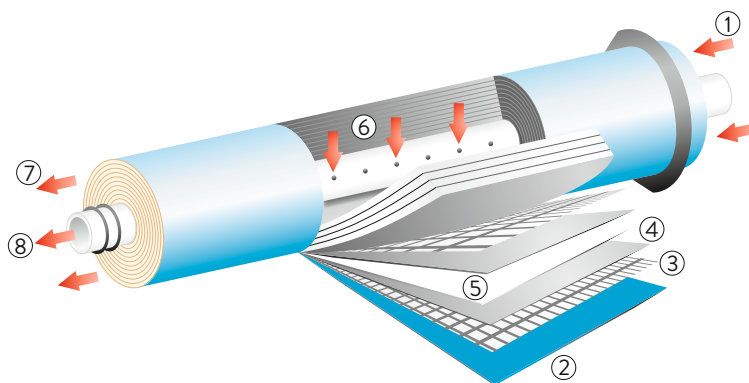
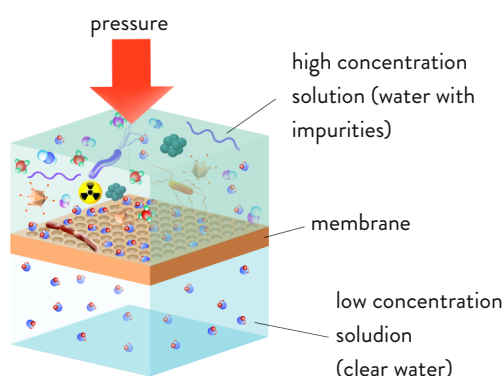
A reverse osmosis water filter with sediment cartridges which remove mechanical contamination, carbon block cartridge which removes chlorine and organic compounds. The membrane (central element of the system) is responsible for removal of the smallest elements (0,0001 micron size). Final filtration stage is performed by granular carbon in-line post-filter.

The in-line carbon filter contains carbon granules obtained coconut shells. The cartridge improves the taste of water and removes e.g. chlorine.



Carbon post-filter
with granular carbon media.

The Reverse Osmosis filtration process



- | | | |
|-----------------|----------------------|----------------|
| 1. Inlet water | 4. Membrane | 7. Drain |
| 2. Inside layer | 5. Collective layer | 8. Clear water |
| 3. Separator | 6. Collective canals | |

The RO membrane is composed of multiple layers, which are wound around a stem inside the membrane. The contaminated water is pressed through the membrane surface. Water particles are pushed through microscopic pores of the filtration layers. After separation, the impurities are lead to the drain, whereas the purified water reaches the central canal of the membrane and then is pressed to the clear water outlet.



Product complies
to EU norms.



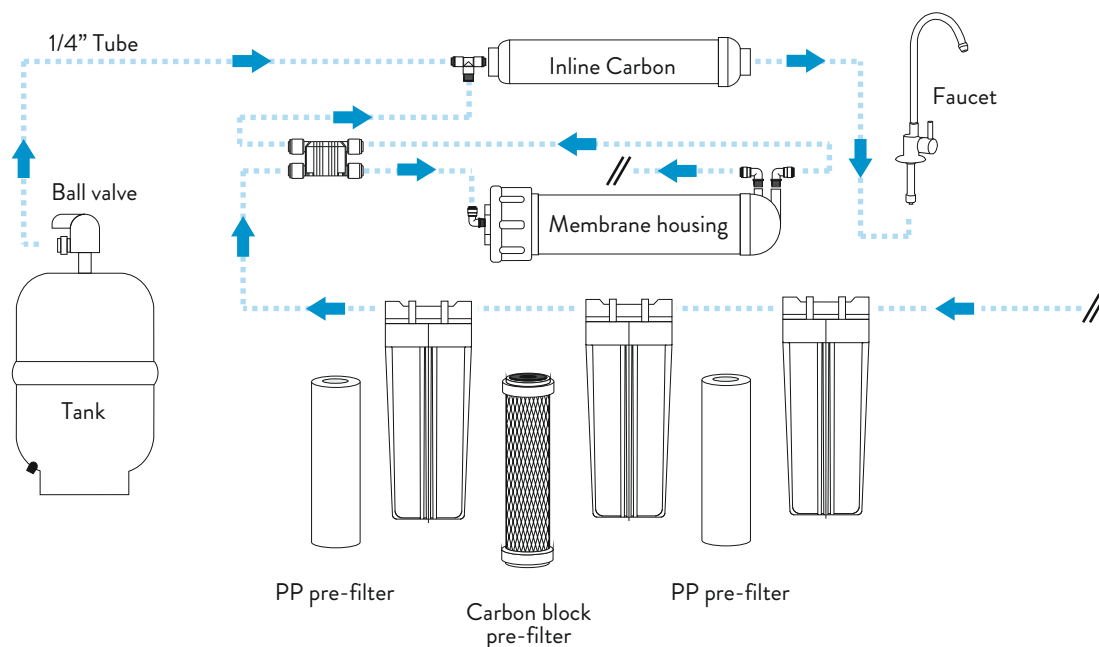
Technical data

Filtration stages	5
Connection	1/2" / 3/4" / 3/8"
Work temperature	2 - 45°C
Work pressure	2,8 - 6,0 bar
Filter change	Every 6 months

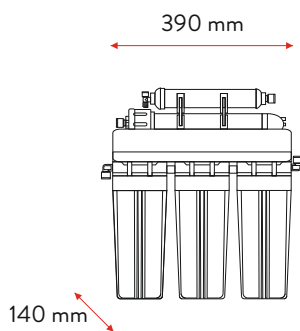
Product components

- Single faucet
- Housing wrench
- Teflon tape
- Ball valve
- Connector set
- Clamping ring
- Water tank
- 1/4" tubes
- Pre-filter cartridges
- Inline carbon

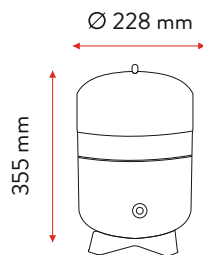
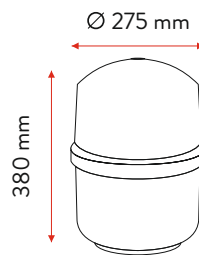
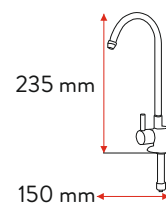
Connection schematic



Product measurements:



system

metal tank
2,8 gal OPTIONplastic tank
3,2 gal OPTION

faucet