

# Operation Manual

## 3-stage Reverse Osmosis System with Water Filter

50801



Illustration similar, may vary depending on model

Read and follow the operating instructions and safety information before using for the first time.

Technical changes reserved!

Due to further developments, illustrations, functioning steps, and technical data can differ insignificantly.

Updating the documentation

If you have suggestions for improvement or have found any irregularities, please contact us.



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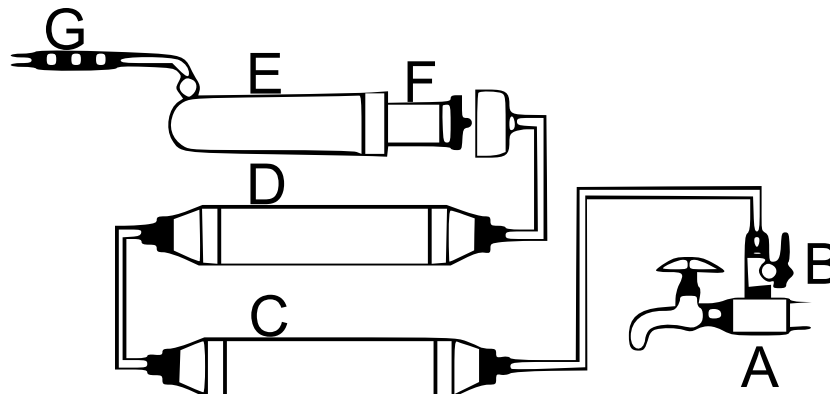
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## Introduction

Thank you for purchasing this quality product. **To minimise the risk of injury we urge that our clients take some basic safety precautions when using this device. Please read the operation instructions carefully and make sure you have understood its content.** Keep these operation instructions safe.

## Components/installation



Letter	Name	Letter	Name
A	Short three-way valve	E	RO membrane housing
B	Ball valve	F	RO membrane
C	PP sediment filter cartridge with outer diameter 60 mm for 5 $\mu$	G	Flow limiter
D	Post in-line carbon filter (T33 A) (complete cartridge)		

## Mounting instructions

- Open housing E and insert the reverse osmosis membrane. Then screw the housing tight. All other areas are connected with PE tubes. Connect the three-way valve and the ball valve with the water connection, waste water, and tap.
- Connection of the PE line to the RO membrane: There are 3 connections on the caps:
  - BLUE ("To faucet"): connection to water tap
  - BLACK ("To drain"): connection to waste water
  - RED ("To Water inlet"): coupling to water connection (inlet)

## Back-flushing

The pre-installed ball valve must be closed during normal filter operation. To rinse the RO-membrane, the ball valve must be opened so that the water pressure can rinse the membrane.

## Filter function

Filter cartridge	Function	Lifespan
PP	Removes sand, salt, colloid, and any other suspension in water whose diameter is more than 5 $\mu$	3–6 months
T33	To adsorb odour, chlorine, and its outgrowth in raw water	6–12 months
RO membrane	To remove harmful soluble solids, bacteria, viruses, and other impurities in raw water	1–2 years



### Attention:

- During mounting, turn off the water.
- If the osmosis unit is not used, disconnect it from the water supply.
- If the unit has not been used for a long time, the cartridges and membrane need to be replaced.

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