



# ECOPERLA

## ECOPERLA TORO WATER SOFTENER

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### DESCRIPTION

The Ecoperla Toro cabinet water softener reduces utility and drinking water hardness. Its casing allows for easy and quick installation in households. During the filtration process, water flows through a highly acidic monosphere medium. The water softener uses an ion exchange resin to remove calcium ( $\text{Ca}^{2+}$ ) and magnesium ( $\text{Mg}^{2+}$ ) ions responsible for hardness. The regeneration process takes place using salt (sodium chloride  $\text{NaCl}$ ) available in the form of a tablet.

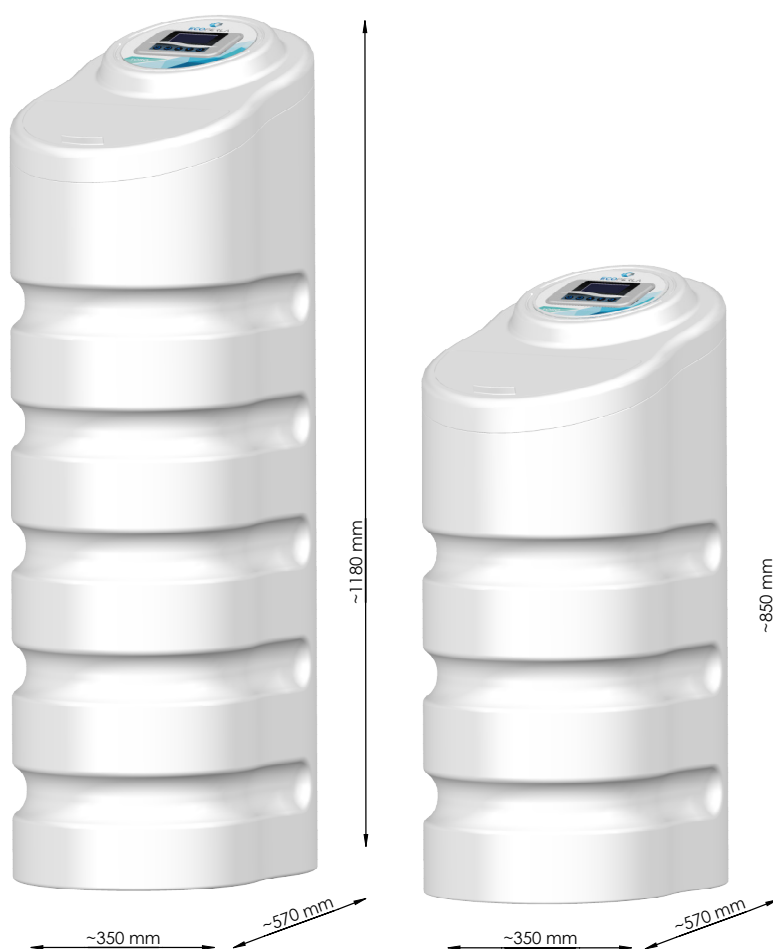
### CHARACTERISTICS

- Fully automatic, electronic control of the filter regeneration process with the use of a high-quality automatic control valve
- Simple hydraulic connection
- High efficiency of water softening
- Low salt consumption
- Built-in flow meter allows for time, volume and mixed control of the regeneration process
- Built-in mixer allows for adjustment of output water hardness
- Compact housing

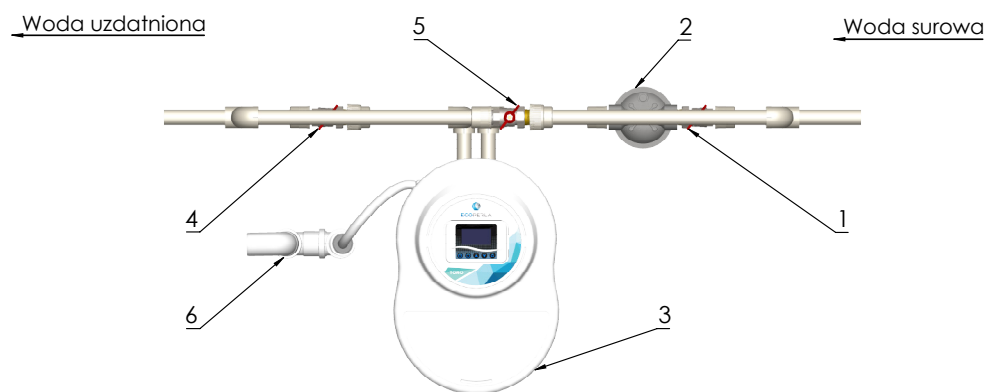
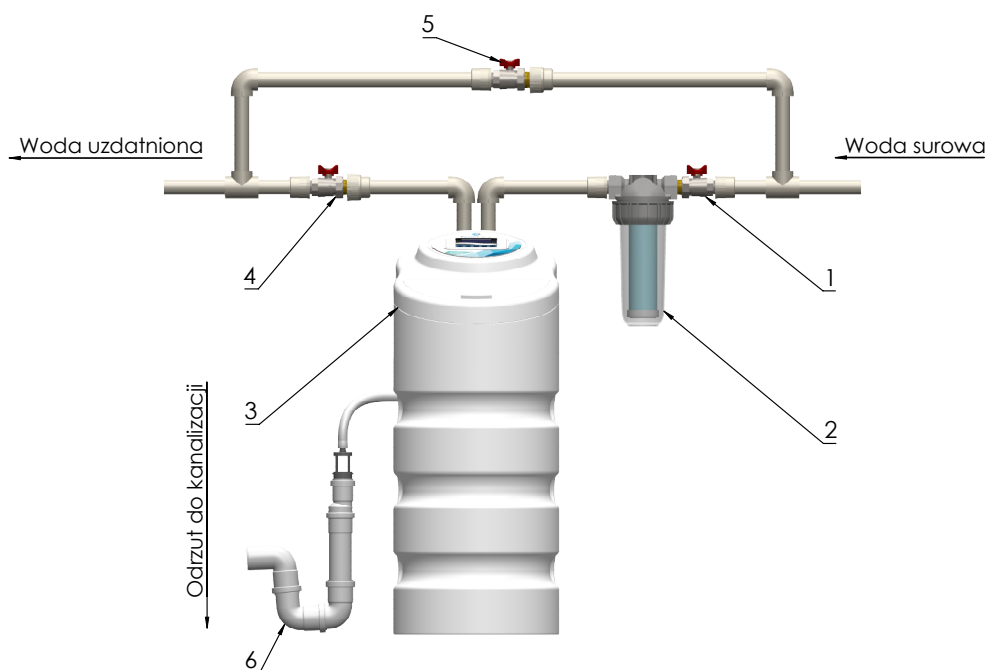


## TECHNICAL SPECIFICATIONS

Medium amount	20 l	35 l
Height	85 cm	118 cm
Width	35 cm	35 cm
Depth	57 cm	57 cm
Salt consumption per regeneration	2,9 kg	4,2 kg
Water consumption per regeneration	130 l	160 l
Nominal operating flow rate	1,5 m <sup>3</sup> /h	2 m <sup>3</sup> /h
Max. recommended operating flow rate	2 m <sup>3</sup> /h	2,4 m <sup>3</sup> /h
Connection	3/4"	3/4"
Temperature (min/max)	2/48 °C	2/48 °C
Pressure (min/max)	2,5/6 bar	2,5/6 bar
Required pressure during rinsing [bar]	2,5 bar	2,5 bar



## ECOPERLA TORO CONNECTION DIAGRAM



1.	Zawór wejście na zmiękcacz wody
2.	Filtr mechaniczny
3.	Zmiękcacz wody Ecoperla Toro
4.	Zawór wyjście ze zmiękczacza wody
5.	Zawór bypass
6.	Odejście do kanalizacji

### NOTES

- Automatic regeneration with salt solution.
- Since brine is dosed by a precise injector, a mechanical pre-filter should be used to protect the control valve from suspended solids.