



# ECOPERLA

## ECOPERLA SOFTCAB WATER SOFTENER

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### DESCRIPTION

The EcoPERLA Softcab cabinet water softener reduces utility and drinking water hardness. Combination of a durable and functional housing and robust components, including a Clack control valve dedicated to this cabinet and a monosphere ion exchange resin results in the expected efficiency. The ion exchange resin contained in the softener removes calcium (Ca<sup>2+</sup>) and magnesium (Mg<sup>2+</sup>) ions responsible for hardness. The regeneration process takes place, using salt (sodium chloride NaCl) available in the form of tablets.

### 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 time, volume and mixed control of the regeneration process;
- Built-in mixer allows you to adjust the output hardness of the water;
- Compact housing.



## TECHNICAL SPECIFICATIONS

	Ecoperla Softcab 12	Ecoperla Softcab 25	Ecoperla Softcab 35
Control valve	CLACK	CLACK	CLACK
Connection	1" GZ	1" GZ	1" GZ
Medium amount [l]	12	25	35
Medium	Monosphere ion exchange resin	Monosphere ion exchange resin	Monosphere ion exchange resin
Recommended flow [m <sup>3</sup> /h]	1,0 m <sup>3</sup> /h	1,5 m <sup>3</sup> /h	1,8 m <sup>3</sup> /h
Maximum flow [m <sup>3</sup> /h]	2,0 m <sup>3</sup> /h	3,0 m <sup>3</sup> /h	3,6 m <sup>3</sup> /h
Operating pressure [bar]	2,0-6,0	2,0-6,0	2,0-6,0
Salt consumption per regeneration [kg]	1,4	3,0	4,2
Water consumption per regeneration [l]	85	120	160
Width [mm]	320	320	320
Height [mm]	710	1145	1145
Depth [mm]	510	510	510
Connection height [mm]	525	970	970
Connection width [mm]	80	80	80
Power supply	230 V/50 Hz	230 V/50 Hz	230 V/50 Hz
Water amount between regenerations in case of hardness of 10 dH [m <sup>3</sup> ]	2,4	5	7

## DIMENSIONS

ECOPERLA SOFTCAB 12



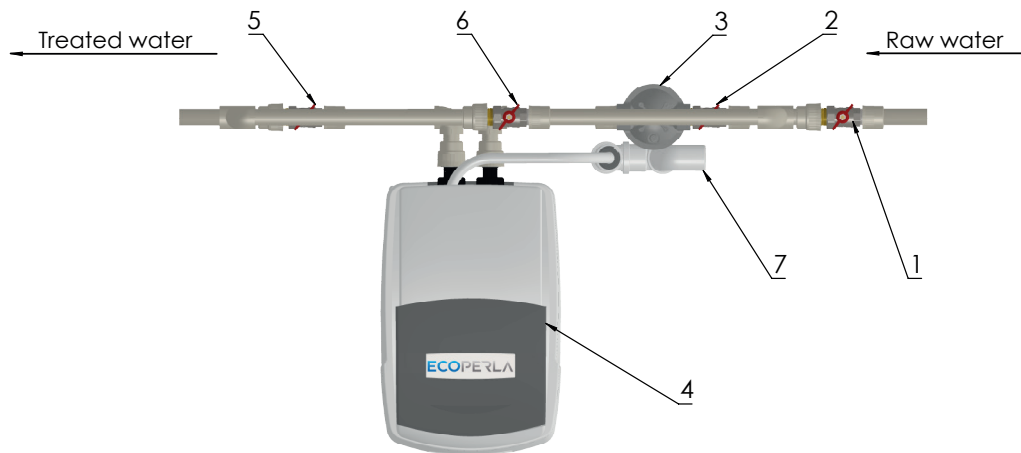
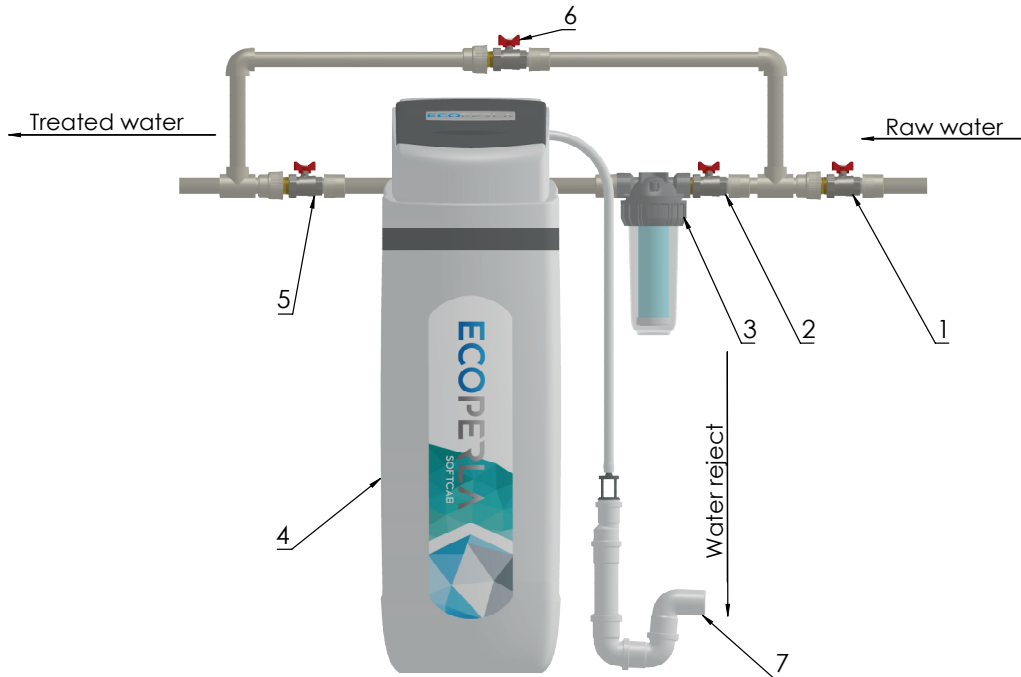
ECOPERLA SOFTCAB 25



ECOPERLA SOFTCAB 35



## ECOPERLA SOFTCAB CONNECTION DIAGRAM



1.	Main water shut-off valve
2.	Inlet valve to Ecoperla Softcab
3.	Mechanical water filter
4.	Ecoperla Softcab
5.	Outlet valve from Ecoperla Softcab
6.	Bypass valve
7.	Drain to the sewage system

### 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.