



# ECOPERLA

## ECOPERLA VITA WATER SOFTENER

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### DESCRIPTION

The Ecoperla Vita cabinet water softener reduces utility and drinking water hardness. Its narrow casing and highly functional design allow for installation in really small spaces. The water softener uses an ion exchange resin to remove 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 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 you to adjust the output hardness of the water
- Compact casing

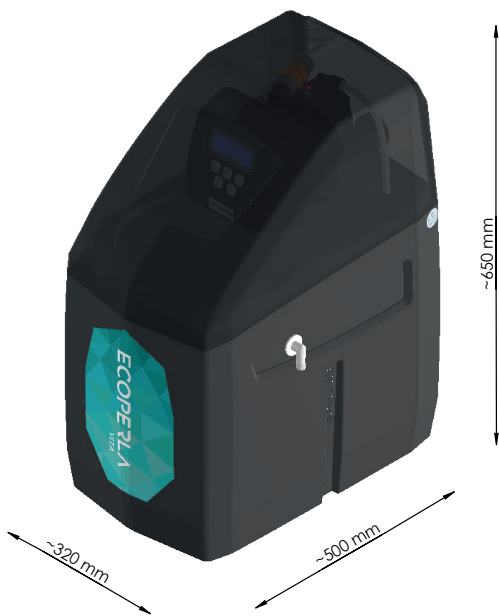


## TECHNICAL SPECIFICATIONS

	Ecoperla Vita 12	Ecoperla Vita 25
Control valve	CLACK CI UF	CLACK CI UF
Connection	1" GZ	1" GZ
Medium amount [l]	12	25
Medium	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
Maximum flow [m <sup>3</sup> /h]	2,0 m <sup>3</sup> /h	3,0 m <sup>3</sup> /h
Operating pressure [bar]	2,0-6,0	2,0-6,0
Salt consumption per regeneration [kg]	1,5	3,0
Water consumption per regeneration [l]	85	130
Width [mm]	320	320
Height [mm]	650	1120
Depth [mm]	500	500
Connection height [mm]	495	960
Connection width [mm]	80	80
Power supply	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	5,1

## DIMENSIONS

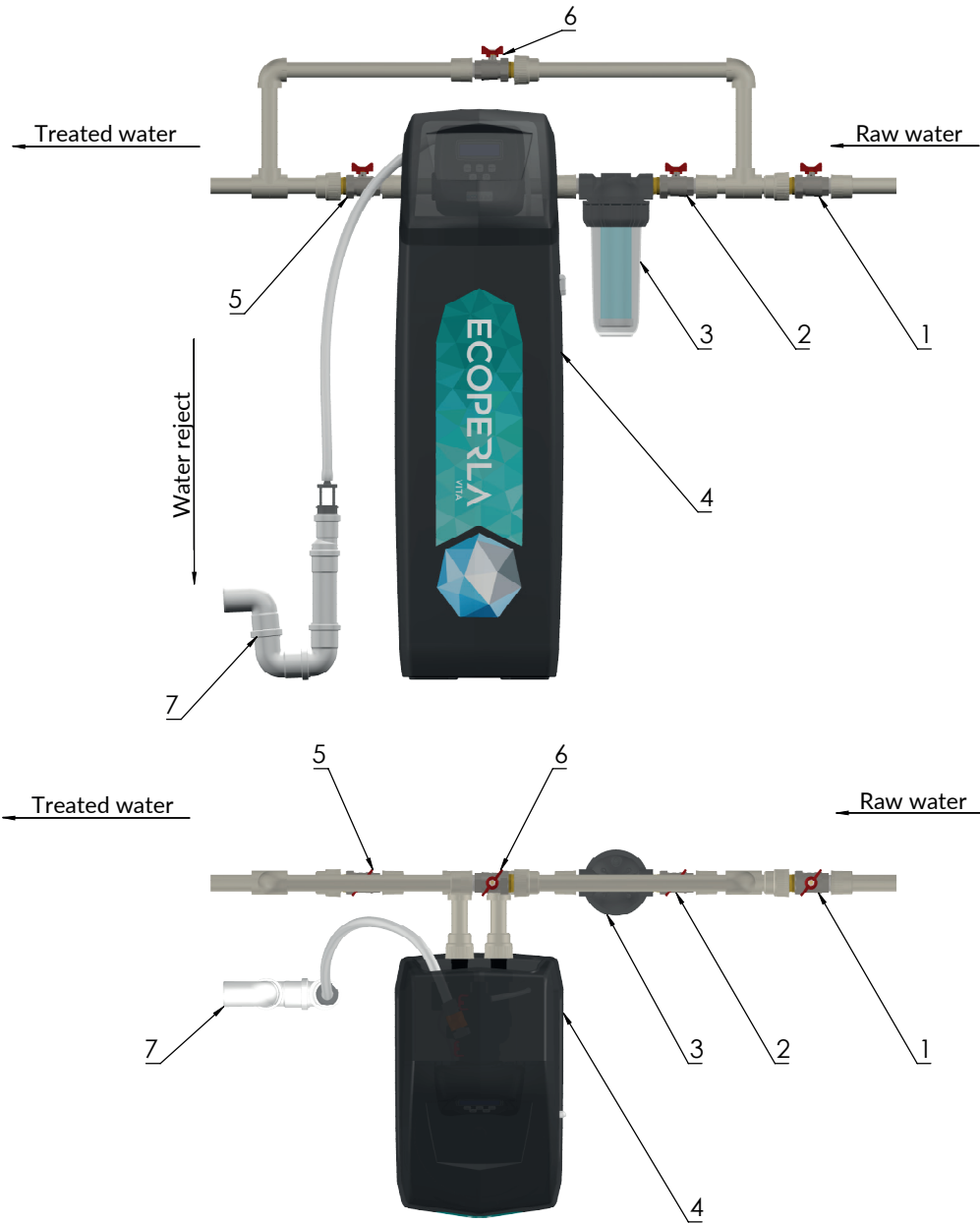
### ECOPERLA VITA 12



### ECOPERLA VITA 25



## ECOPERLA VITA CONNECTION DIAGRAM



1.	Main water shut-off valve
2.	Inlet valve to Ecoperla Vita
3.	Mechanical water filter
4.	Ecoperla Vita
5.	Outlet valve from Ecoperla Vita
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.