



ECOPERLA

ECOPERLA OXYTOWER IRON AND MANGANESE REMOVAL

DESCRIPTION

The iron and manganese removal filter with a compressed air chamber for well water users. Cooperates with membrane tanks – does not require an aeration venturi before a hydrophore. Removes iron and manganese and improves a water smell. Does not need chemicals for regeneration. The rinsing cycle is automatic thanks to the professional Clack control valve. Large medium capacity enables efficient water filtration.

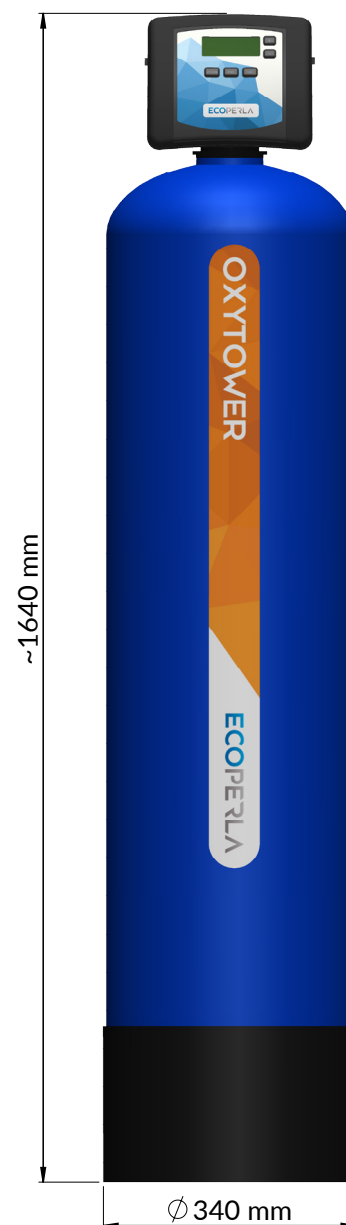
CHARACTERISTICS

- Fully automatic, electronic control of the rinsing process in the water treatment system using the high-quality Clack control head valve
- Simple hydraulic connection
- Considerable improvement of water parameters
- Filter rinsing without the use of chemical reagents
- Can be used with membrane tanks

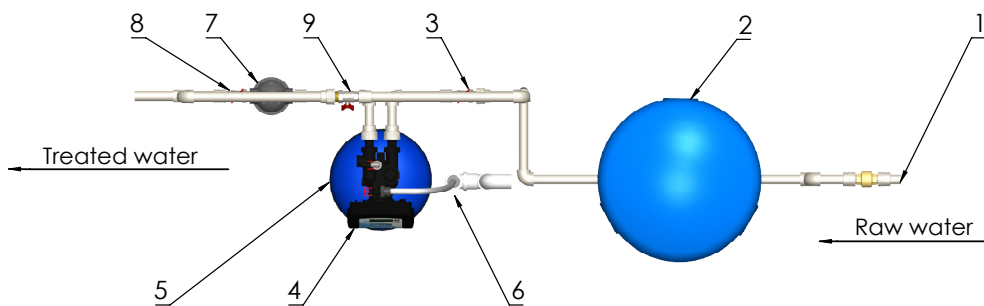
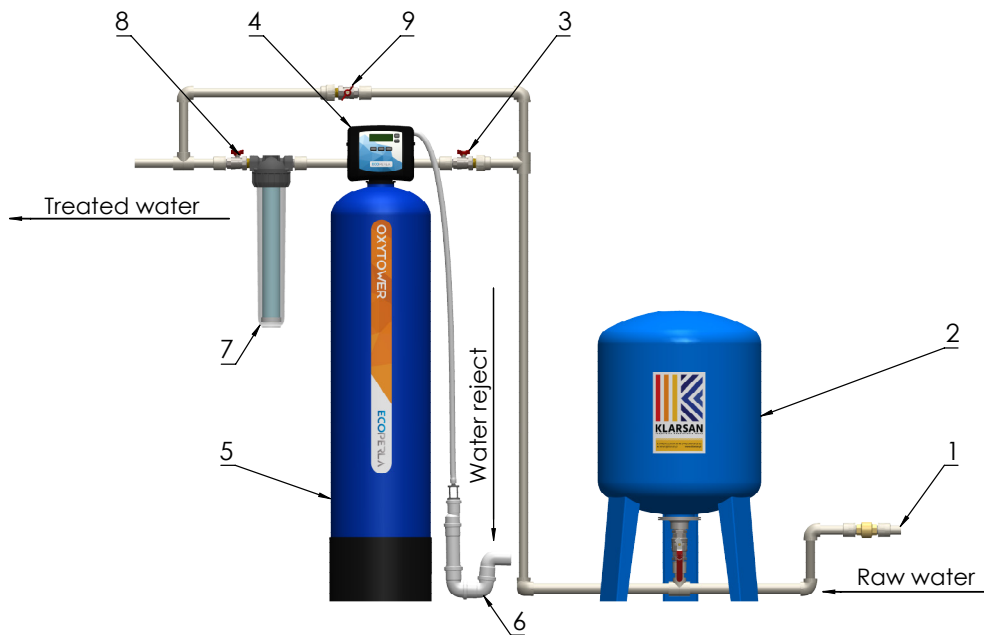


TECHNICAL SPECIFICATIONS

CONTROL VALVE	Clack Impression Plus
Connection	1"
Medium amount [L]	75
Nominal flow rate [m3/h]	1
Maximum flow rate [m3/h]	1,6
Required water flow during the rinsing process with the pressure of 3 bar [m3/h]	2,3
Operating pressure [bar]	3.0-6.0
Water consumption per rinsing [L]	430
Cylinder dimensions [inch]	13 x 54
Column width [mm]	340
Column height [mm]	1640
Column depth [mm]	340
Electrical connection [V/Hz]	230/50



ECOPERLA OXYTOWER CONNECTION DIAGRAM



1.	Water inlet from the pump
2.	Membrane hydrophore tank
3.	Inlet valve to Ecoperla Oxytower
4.	Control valve
5.	Ecoperla Oxytower
6.	Drain to the sewage system
7.	Mechanical water filter
8.	Outlet valve from Ecoperla Oxytower
9.	Bypass valve

NOTES

- The intensive rinsing process of the filtering medium requires increased capacity provided by the pump (data in the table) while maintaining normal operating pressure.
- Mechanical water filter should be used behind the system.