



Set elements

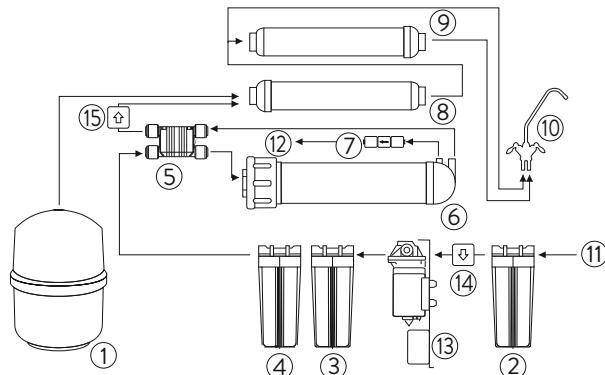


Your nearest dealer

RO Diaphragm Pumps

The function of the diaphragm pump is raising pressure in RO systems. Reverse osmosis is a process in which water pressure is the key factor. Household water purification systems do not require high pressure values, yet their efficiency decreases if water pressure in the installation falls below 45 PSI. Low water pressure increases the amount of drain water, makes tank refill time longer and decreases the amount of purified water. Even minor pressure increase can boost the water purification system's efficiency.

Typical installation schematic



1. Tank	6. Membrane	11. Water inlet
2. Pre-filter	7. Flow limiter	12. Contamination
3. Carbon block	8. Carbon filter	13. Pump
4. Post-filter	9. Mineralizing filter	14. Low pressure valve
5. 4-way valve	10. Pure water	15. High pressure valve

Each set contains:

- transformer,
- tubes (3m),
- mounting bracket,
- low and high pressure valves,
- connection elbows 3/8" - 1/4"

Compatible with standard RO systems.

Product technical data

Model	50/75G	100G	200G	300G	400G	600G	800G	1000G
Voltage	24 V	36 V	36 V	36 V				
Amperage	1,0 A	1,40 A	2,50 A	2,50 A	3,75 A	3,8 A	5,50 A	4,60 A
Open flow	1,6 lpm	1,8 lpm	2,8 lpm	5,0 lpm	6,5 lpm	7,00 lpm	7,30 lpm	7,5 lpm
Suction	2 m	2 m	2 m	2 m	2 m	2 m	2 m	2 m
Flow	300 cc	800 cc	1400 cc	1900 cc	3160 cc	7000 cc	8000 cc	10 000 cc
Inlet press.	82 +/- PSI	105 +/- PSI						



Low pressure valve
ZPN1



High pressure valve
ZPW2

