



ERP 1000 PERMEATE PUMP



Providing
unparalleled
efficiencies
for Reverse
Osmosis
systems

Permeate Pump

The Permeate Pump operates as a non-electrical energy recovery device which dramatically improves the efficiency of RO systems. Using only the available energy from the brine water (otherwise lost to the drain), the pump forces product water into the storage tank. This process effectively reduces membrane back pressure to less than 5 psi and allows the membrane to maximize its use of the available feed pressure.

The Permeate Pump can also bring the storage tank up to line pressure and shut the system down when the tank reaches full capacity. This provides higher delivery pressure, more available water, superior water quality, and extended filter/membrane life.

The Permeate Pump can be easily retrofitted to upgrade virtually any existing RO system. The pump eliminates the need for hydraulic shut-off valves and can be used to replace booster pumps in well water applications.

Features and Benefits



- Requires no electricity, powered by energy from brine water
- Improves recovery rates by as much as 400%
- Reduces waste water by as much as 80%
- Ideal for membranes rated from 10-100 GPD
- Effective for inlet water pressure as low as 30 psi
- Increases membrane life, lowers "TDS creep"
- Fills product tank up to 4 times more rapidly
- NSF approved (Standard 58)
- Two year manufacturer's warranty

About Aquatec

Founded in 1986, Aquatec Water Systems is a globally recognized innovator of Reverse Osmosis ("RO") component technology. The Permeate Pump, with its patented, revolutionary design, is another example of Aquatec leadership within the RO industry.

For additional information, please visit our website at www.aquatec.com or schedule a visit to our production facility in Irvine, CA.



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