

Aquatec Permeate pump

The Permeate Pump is a very simple, and yet revolutionary, device. It operates as a non-electrical systems.



Using only the available energy from the brine water typically 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

the need for hydraulic shut-off valves and can be used to replace booster pumps in well water applications.

Features and Benefits

- + Utilizes energy from brine water
- + Improves recovery rates by as much as 400%
- + 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
- + Two year manufacturer's warranty