

Lever Action Reverse Osmosis System

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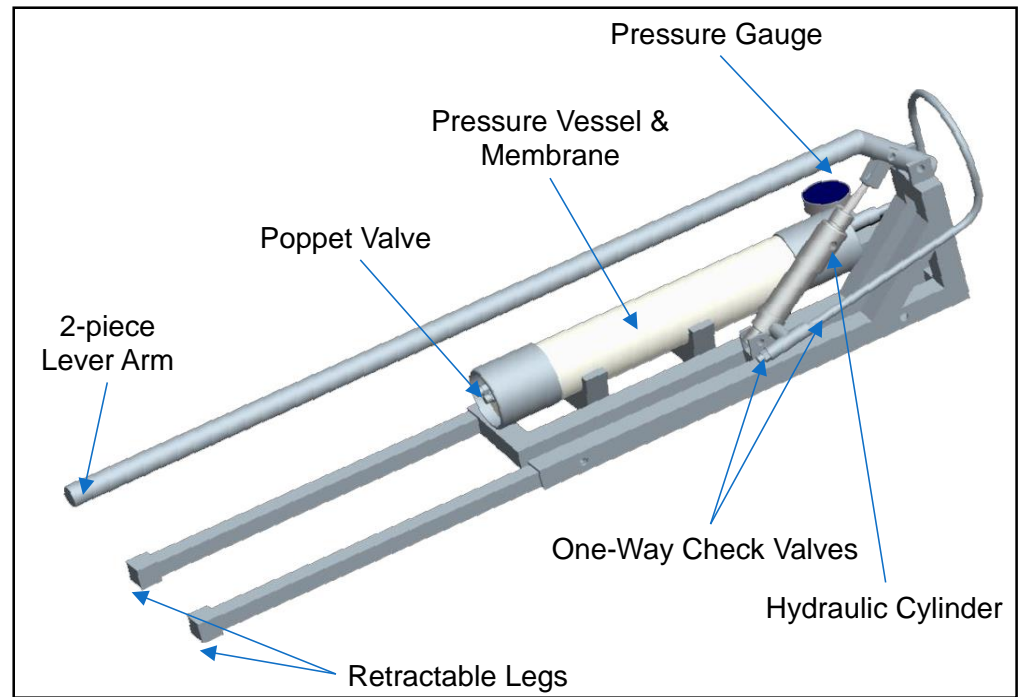
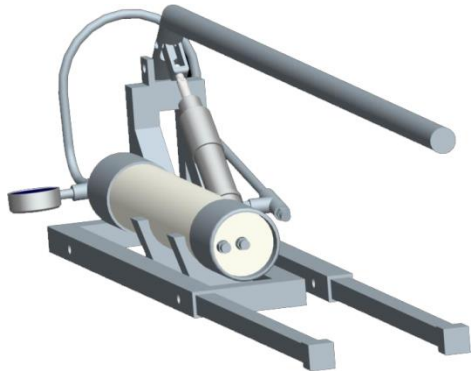


Bringing Water
Solutions to Life

Objectives

- Complete reverse osmosis water purification system requiring no power beyond lever actuation and must be virtually maintenance free. This system is intended for emergency use and long sea voyages.
- Produce required amount of potable water in a one hour period for a single adult to survive for an entire day.
- Device must be portable and lightweight
- Design targets
 - 2 liters/hour
 - 10 lbf input
 - 30 strokes/min
 - 15 lb weight





- 7.5 liter / hour
- 99% Salt Rej.
- \$1200 MSRP

