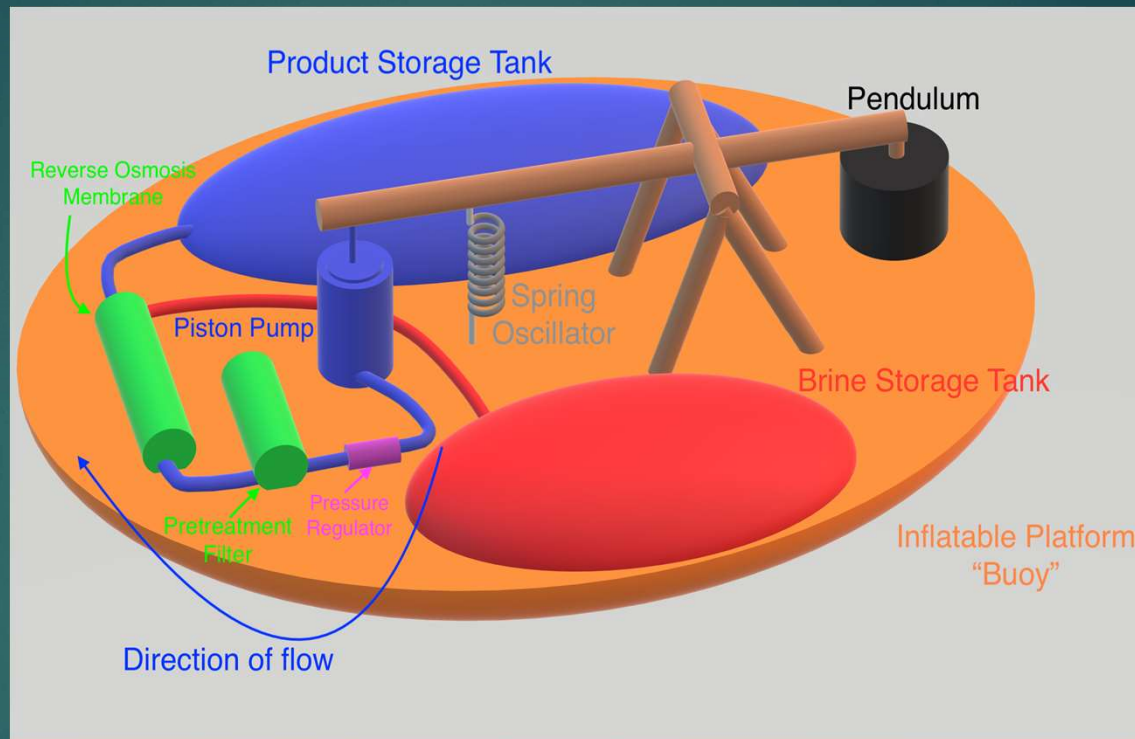


Aegir Desalination Longboat Mk1 Summary



1) An incoming ocean surface waves carries energy which exerts an excitation force on the system.

2) This force causes the pendulum to swing, which acts on the pump piston via connecting rod, causing the piston to reciprocate.



3.) As the pump reciprocates, it draws suction from the sea which it uses to pressurize the R.O. system, regulated by a check valve. As the water passes through each stage of the filtration process, contaminants, bacteria, and finally salt is removed from the seawater, making the water clean and drinkable.

Easy to Deploy, Use and Maintain



“Serving Those in Need”

Joshua Villafane
Collin Sykes
9/11/19