

# Salty Water

i2 Project 2022-2023

## My Proposed Solution



MIT developed a portable water desalination device. It derives energy from the solar panel it connects to and leaves less salty residue than other forms of water desalination.

## How Did I Plan to Do It?

I planned to make a dupe of their device, but with cost-effective materials and with a possibly longer-lasting filter. Beyond just replicating the device, I was hoping to create a device that proved effective in remote places, where desalinated water seems most necessary.

- 1 Research prices of ICP components and purchase
- 2 Try to replicate the ICP and Electrodialysis modules to see what can be substituted, and to see what is essential to the functionality of the system.
- 3 Create prototype of revised device.

## Did I Actually Accomplish My Goal? No. Why?

