

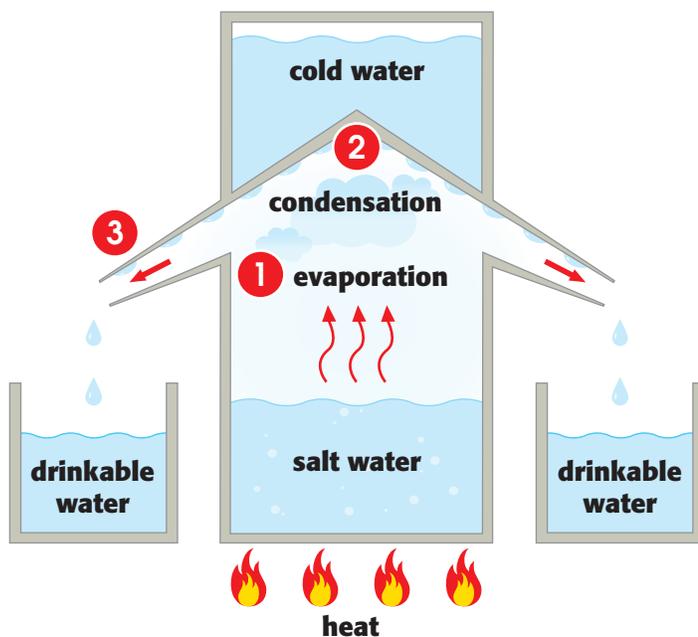


A RAIN JAR

Making Seawater Drinkable

If you have ever gone swimming in the ocean, you will know that accidentally taking a gulp of seawater is not very pleasant. This is because seawater is very salty and is not suitable for us to drink. And since fresh water is hard to come by, scientists are looking for ways to harness fresh water from the sea; a process known as desalination. One of the ways desalination works is by heating salt water to separate the water from the salt and make the water drinkable. Many cruise ships today use this method to make their own drinkable water while cruising at sea.

More than two thirds of water on Earth is seawater.



To desalinate seawater:

- 1 Seawater gets heated up and evaporates, leaving the salt behind.
- 2 The water vapour is then cooled, causing it to condense into water droplets.
- 3 The water droplets then slide away to containers where the now drinkable water is collected.