

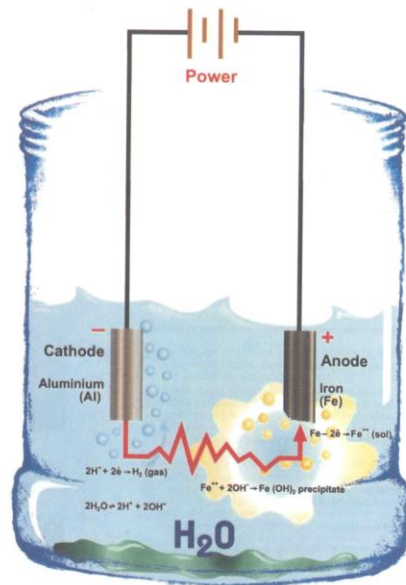
# Home Treatment Devices “Jam Jar Test”



**Request factual information when confronted by Salesmen who prey on your peace of mind**

Some suppliers of home water treatment devices use scare tactics and ambiguous statements for marketing domestic water filters, often misleading consumers into purchasing expensive devices for supposed health reasons.

Some traders promoting sales of a home water treatment device demonstrate colour change in tap water as opposed to the absence of such a change in their filtered water. The demonstration unit comprises two canned fruit bottles with an iron and aluminium electrode in each bottle. These electrodes are connected to a power source.



As Tap water contains a certain amount of dissolved salts it is able to conduct current when the power is turned on. This causes one of the two electrodes to dissolve in the water resulting in a colour change in the water and the formation of visible particles.

The filtered water used in this experiment contains very low concentrations of dissolved salts. As a result, the water is unable to conduct current hence there is no reaction. Thus, scientifically proven that it is not the water, but the electrode itself that causes the change in colour and the formation of visible particles in the water

**Facts:** The true facts are that potable water is an important source of essential trace elements in your daily diet. Prolonged usage of water from which these salts have been removed could be dangerous to your health due to a shortage of these essential trace elements.

**Warning:** Users of home treatment systems should be forewarned that such devices have a limited lifespan and if not maintained in accordance with the directives of suppliers, these units may cause a deterioration in the quality of the water being treated.

The water supplied by Rand water is safe for consumption and there is no need for consumers to install filter devices for health reasons.

Visit [www.reservoir.co.za](http://www.reservoir.co.za) for further information on water quality in your area.

