

My Garden Laboratory

Purifying rainwater for drinking using candle filters.



The old “tinkerer” at work

Making a kitchen water filter using a Doulton candle filter and off the shelf components

Water purifiers using candle filters are an effective way of purifying water, particularly bacteriologically. They can be purchased commercially but a simple one can be made of off the self-components apart from the candle filter and simple tap. Even the filter can be purchased commercially in some shops. The candle filter chosen in this case is a Doulton filter made in the UK. The following photos were taken from a film showing and describing the method of construction.



Showing the parts of the kitchen filter





These water filters can be purchased commercially but at a cost. They are very effective at eliminating harmful bacteria from water. These photos were taken from a video describing the process.



In this case the filter unit contains one candle filter, but it is possible to fit two filters to speed up the filtering process.



Photos take from video reveal how important it is to get a good watertight seal between the filter and the bucket base. Rubber seals are used make the crucial joint watertight.



The elderly tinkerer takes video film and photos of most of the things he does.



Testing the kitchen water filter



Adding the water from the tanks that collect water from the “rain catchers” to the kitchen filters.



A bottle of water collected from the “rain catcher” system. These are added to the two water filters in the kitchen. One commercial and one home made. The water is tasty, safe and contains no chemicals.