

# Answer questions: Is the water filter as much as the filter core is cleaner?

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## I. Is the water filter more and more cores, the cleaner the water?

The answer is no, guys!

With RO water purifiers, the water will normally be filtered through the first 4 cores, the task of the next filter (after core 4) is just to help water add more minerals for health only.

### Outline the process of filtering water through cores 1 to 4:

When water is introduced into the filter system, the following process takes place:

#### Filter core 1

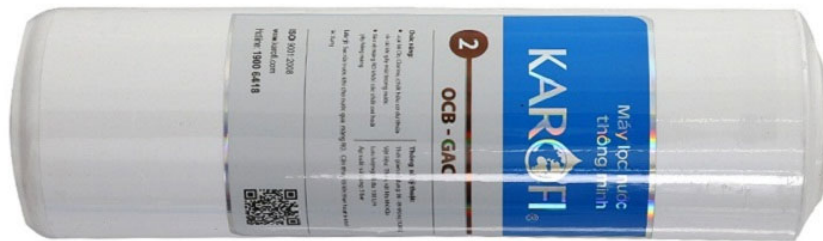
1. **Structure:** From PP fibers with dimensions of 5 micron (1 micron = 1 / 1,000 mm).
2. **Function:** Block mud, rust rust is larger than 5 microns.



### Filter core 2

After being treated at the No. 1 filter core, the water will continue to switch to filter No. 2.

1. **Structure:** Contains granular activated carbon.
2. **Function:** Absorb heavy metals, detergents, pesticides, organic substances and toxic chemicals.



### Filter core 3

The country will continue to move to filter core 3, after going through cores 1 and 2.

1. **Structure:** From PP fibers with dimensions of 1 micron gap.
2. **Function:** This filter core continues the process of preventing the impurities, heavy metals, mud . more than 1 micron in size.



### Core 4 (RO membrane)

After the water has undergone the first 3 filters, it will continue to be pushed to the 4th filter (usually an RO filter). This filter core has the following characteristics:

1. **Structure:** Consists of curled membrane clusters. In particular, each filter membrane consists of: 1 membrane for clean water, 1 reverse osmosis filter and 1 water supply membrane. RO membrane filter has a small size filter gap eye (0.0001 micron).
2. **Function:** Operate by reverse osmosis mechanism, continue to remove more solids, water-soluble gas, heavy metal ions, bacteria . and in water.

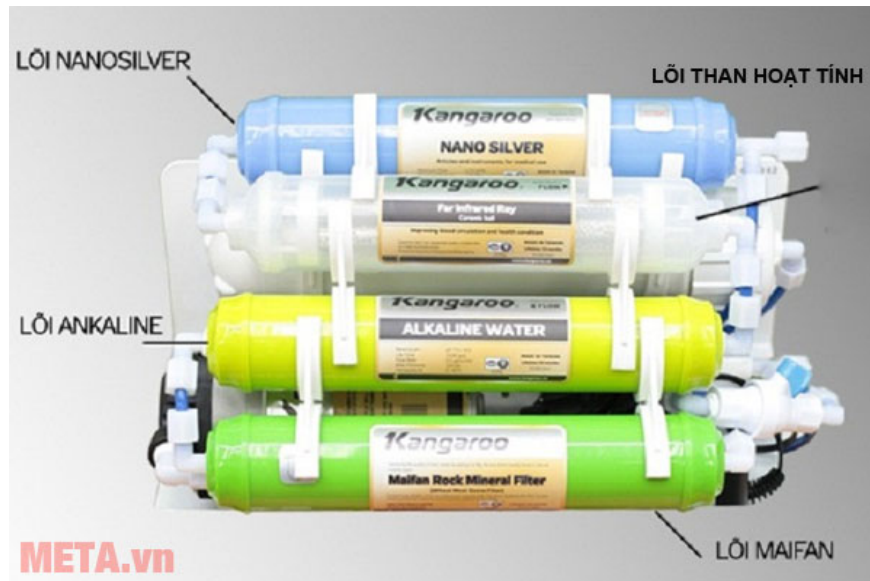


Normally the inlet water when passing through 4 filters will be quite clean and safe. If there are more than 4 cores, then the cores will then only add the throttle function, providing more minerals depending on the needs of the user.

## II. Refer to some of the manufacturers' core 4 filter core functions

Here are some examples of the 4 core core filters of some famous water purifier brands. Let's consult to know their function.

## Kangaroo brand filter core



### 1. Filter No. 5 :

1. **Structure:** Made of Silver Nano
2. **Function:** Eliminate chlorine odor and mixture of toxins to help antibacterial output again, increase natural sweetness for water.

### 2. Core 6:

1. **Structure:** Made from ceramic ball beads.
2. **Function:** To separate water molecules, increasing the amount of oxygen in the water helps to reduce aging and dry skin for users.

### 3. Filter No. 7:

1. **Structure:** From Alkaline stones.
2. **Function:** To create alkaline water, reduce oxidizing functions and add micronutrients, which helps the metabolic process take place effectively as well as enhance nutrient absorption.

### 4. Filter No. 8:

1. **Structure:** From Maifan stone.
2. **Function:** Add nearly 45 natural minerals.

## Sunhouse brand filter core



Sunhouse No. 5,6,7,8 filter cores have the same function as Kangaroo water filter core. In addition, it has more:

**Filter number 9:**

1. **Structure:** Activated carbon form (Nano Silver).
2. **Function:** Helps balance pH, stabilize natural cool sweetness of water, and remove notes of a few organic substances that pass RO membrane and eliminate bad smell (if any).

**Filter number 10:**

1. **Structure:** ORP.
2. **Function:** Makes water with a high pH (8 - 9.5) and lowers electrolyte water, increases oxidation capacity and slows down the aging process.

**Core filter Karofi brand**



Sunhouse SHR76210CK 10-core RO household water purifier has a compact size of 430mm x 330mm x 900mm with a luxurious, eye-catching appearance with a toughened glass surface attached to motifs that adds to the aesthetics and convenience. More comfort for your home space.

Sunhouse water purifier also features such features as:

1. Automatically stops operating when the head pressure is not enough or the water is full.
2. Automatic waste water discharge.
3. Automatically wash RO membrane before filtering.



### **Specifications:**

1. Warranty: 24 months.
2. Brand: Korea.
3. Filter capacity: 10 - 15 liters / hour /

### **2. Joyoung faucet water filter JYW-T01 - Reference price: VND 459,000**

Joyoung JYW-T01 is a genuine product of the famous Joyoung brand that provides the best quality filter.

The JYW-T01 product is a water purifier that plugs directly at the tap, has a compact design that is suitable for most types of taps on the market today. Thanks to that, clean water is available to you at any time.



#### Specifications:

1. Warranty: 24 months
2. Brand: Singapore
3. Number of filters: 5

### **3. FujiE RO-07 intelligent RO water purifier (7 filter levels) - Reference price: VND 2,850,000**

FujiE RO-07 (7 level filter) smart water purifier suitable for household use is mainly designed for drinking and cooking water treatment, users can drink it directly at the faucet Filter without boiling.

The product has the ability to purify all contaminated water sources with advanced Nano technology, providing a rich mineral water source for family health.

#### Specifications:

1. Warranty: 24 months
2. Brand: Japan
3. Filter capacity: 10 liters / hour
4. Number of cores: 7 cores

The number of filter cores is more or less not the deciding factor for clean and guaranteed water output. To choose for our family a good filter machine, there are many different factors, and especially to buy at a reputable and reliable address.

If customers want to buy genuine water purifier from famous brands can contact us directly for advice and best service: In Hanoi: 024.35.68.69.69 or in HCMC : 028.38.33.33.66.

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