

kube

by Kinetico®

Kube Drinking Water Filter

INSTALLATION INSTRUCTIONS



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Thank you for choosing a Kube Drinking Water Filter to improve the quality of your drinking water.

Since 1970 Kinetico Incorporated has designed and manufactured products to improve the quality of your water. Kinetico offers a complete line of quality water systems to solve your water problems. Pioneers in non-electric, demand operated water treatment, Kinetico continually sets the direction for the entire water quality industry. Our products are installed in hundreds of thousands of homes around the world.

Once you have enjoyed the benefits of your Kube Drinking Water Filter we are sure you will agree that Kinetico Water Systems are the world's finest.

For more information about Kinetico;

Kinetico UK Ltd

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The Kube Drinking Water Filter is one of the best drinking water filters on the market. It is an excellent solution for removing unwanted particles, unpleasant odours and bad tastes from a drinking water supply.

The drinking water filter has many advantages:

- The system does not add chemical products to the water.
- It provides high quality water.
- The maintenance costs are low.
- The filter is convenient and easy to install.

Introduction

The Kube Drinking Water Filter will:

- **Remove volatile compounds such as chlorine, as well as organic compounds.**

Active carbon is one of the most efficient media to remove volatile compounds. The most common of which being chlorine, which is usually used to treat and distribute water to homes. Removing chlorine eliminates the taste and smell it gives to water. Active carbon also reduces the concentration of chloramines, another chlorinated compound which sometimes is used as an alternative to chlorine in the treatment of drinking water, and trihalomethanes, which are formed after chlorination. A good quality filter can remove up to 99% of the chlorine in water, 98% of trihalomethanes and 99% of possible organic pollutants present in water.

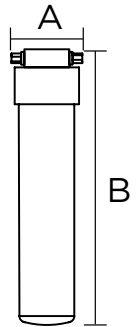
- **Remove particles in suspension.**

This filter significantly reduces the quantity of particles in suspension such as oxides or earth particles, which may deteriorate the taste and colour of a water supply.

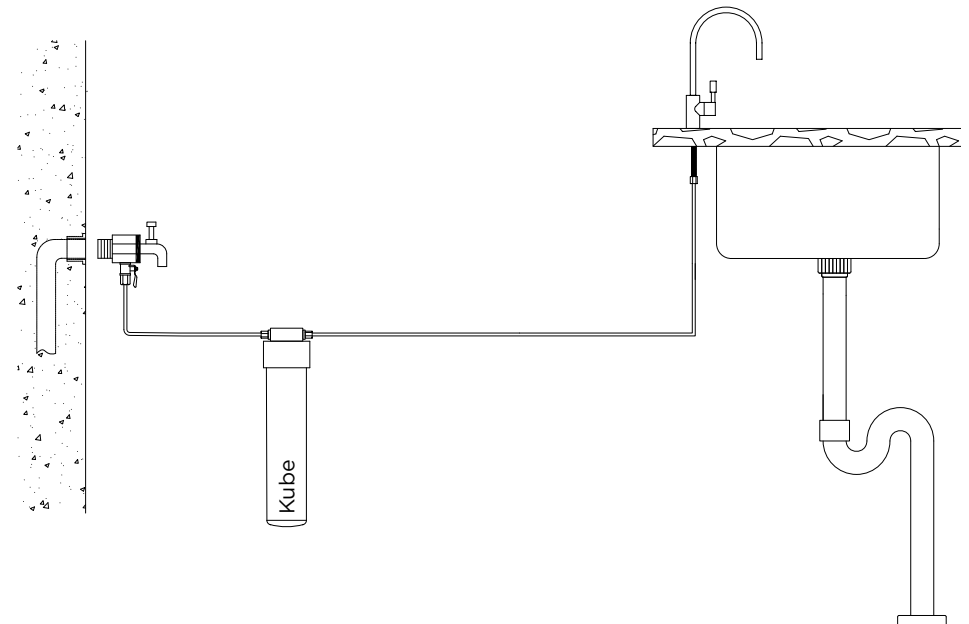
WARNING: The Kube Drinking Water Filter is NOT A WATER PURIFIER!

Specifications

Kube Drinking Water Filter	
Capacity	6,000 litres / 4 litres per minute (chlorine reduction greater than 90% in relation to the characteristics of the water to be treated).
Maximum working pressure	8.6 bar
Working temperature	2°C - 60°C
Dimensions	Diameter (A): 60 mm Length (B): 360 mm



Typical installation



Unpacking and verifying the contents

Before installation and initial operation, it is important to check the contents of the box and the condition of the components to ensure they have not been damaged during transportation.

Unpack the equipment and accessories from the packaging and dispose of any protective packaging material.

Recyclable materials have been used for the packaging and should be disposed of in appropriate recycling bins or at a specific local waste product recycling centre.

Prior warnings

The Kube Drinking Water Filter is not a water purifier. In the event of the water to be treated coming from a public water supply (and therefore meeting current legislation requirements), the Kube Drinking Water Filter will substantially improve the water quality.

In the event of the water to be treated not coming from a public water supply or from an unknown source, a physicochemical and bacteria analysis of the water should be completed in order to guarantee the correct purification process is used, and the appropriate techniques and equipment are installed as necessary PRIOR TO THE INSTALLATION of the equipment. Please contact your distributor for advice on the appropriate treatment.

Installation

WARNING: The work must be carried out under adequate hygiene conditions, taking the necessary precautions relating to the materials that are going to be in contact with the water to be treated or consumed.

INSTALLATION OF 1 WAY TAP

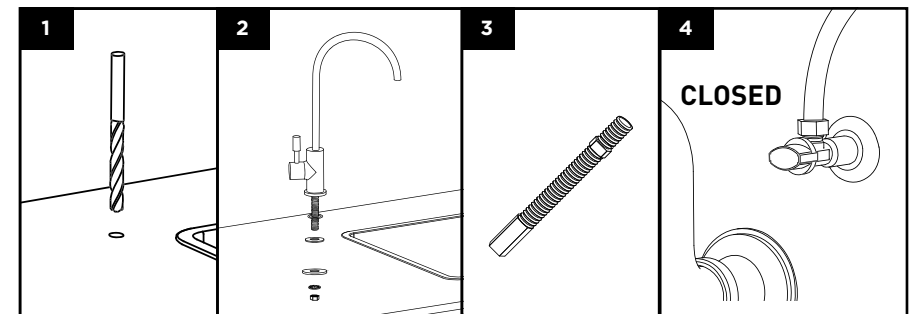
1 Choose the location and drill a hole

Determine the location for the tap between the counter-top or the sink (usually in the corner), then drill a hole with the 12mm bit to insert the threaded stud of the tap (image 1). Use the metal trim to choose the location of the drill. If due to the geometric shape of the counter-top or sink, you have trouble assembling the metal trim of the tap, use the slim rubber joint supplied, instead of the metal trim, to assemble the tap.

2 Insert the metal trim

Prior to this, insert the metal trim and a thick flat rubber joint (both on the upper part of the counter-top) in the threaded stud. Then insert the threaded stud into the hole. After completing this step, install the lower parts of the threaded stud: the rigid plastic washer, the spring washer and the hexagon nut.

They should be tightened together with a double socket wrench no. 14/15mm, until the tap is completely static and properly positioned. Put the tap in the right place before the final tightening (it is recommended that the tap handle is pointing towards the exterior of the counter-top) (image 2). If the counter-top is thicker than the threaded stud of the tap, use the tap adaptor (image 3).



INSTALLATION GUIDE FOR 1 WAY TAP

1 Set the location

Determine the location for the filter under the sink. Fix the filter head so that it is easily accessible for maintenance and replacement.

2 Shut off the water supply

Close the valve located at the outlet of the cold water (image 4), or if unavailable close the main stopcock. Immediately afterwards, relieve the pressure of the installation by opening the tap of the sink and wait until the flow of water stops.

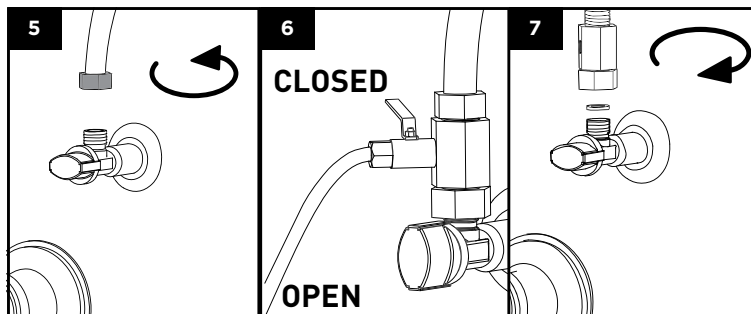
3 Make the connections

Unscrew the connection of the hose or flexible pipe (image 5). Ensure a container or cleaning cloth is ready to collect any water that may leak when unscrewed. Place the 3/8" wall adaptor with the 1/4" tube valve between the wall adaptor and the valve or flexible pipe (image 6). The built-in 3/8" flat joint makes it unnecessary to use a sealant (image 7). Connect the cold water female flexible pipe to the male fitting of the 3/8" adaptor.

Then, connect the 1/4" white tube between the supply valve and the 1/4" inlet connection of the filter head. Make sure the tube is properly inserted. Once the inlet connection is complete, connect the 1/4" white tube between the female adaptor and the 1/4" outlet of the head.

4 Install the filter

Before opening the supply valve, install the supplied filter: remove its protective cap and insert the filter into the head while turning it to the right.



5 Check for leaks

Once the filter has been installed and everything is connected, open the main supply valve and check for leaks in the connections. Then, open the 1/4" valve key of the filtration inlet, checking again for any leaks.

6 Bleed any air

After completing the necessary verifications, open the tap on the counter-top to bleed any air that may be inside (beware of any splashes of water).

7 Clean away the dust

Open the filtration tap and purge the carbon dust: let the water flow for about 1 minute to clean all the dust.

Once the cleaning is complete, the water is ready to drink.



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