

### 3. How to drill a hole into your sink or countertop (Optional)

**NOTE:** Please confirm if there is an existing hole available to install the faucet. If not, please drill a hole in accordance with the following steps. Remember to wear safety glasses to protect your eyes while drilling the faucet hole.

1. Choose a diamond core bit for granite, and a carbide drill bit for stainless steel. Do not use a hammer drill on natural stone, glass or ceramic;
2. Glue the sticker to your sink or countertop, and drill a hole referring to the size shown on the sticker (1 3/8");
3. Make an indent with a center punch on a stainless steel sink before drilling to help guide the bit;
4. Be careful when drilling on a porcelain sink, as it can be easily chipped. Apply downward pressure firmly to the bit until breaking through the surface;
5. Starting at the lowest speed, hold the drill straight with firm pressure to prevent the bit from walking on the counter;
6. Once breaking through the surface, swirl the drill a little to apply pressure in a circle evenly.

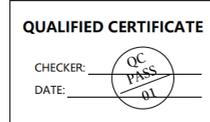
**NOTE:**

- The system must be connected to the COLD water supply ONLY.
- Do not install the system in exposure to direct sunlight or harmful chemicals, nor any place where it may be damaged.
- Do not install the system near any heat source.
- Do not install the system outdoors.

### 4. Install the water inlet three-way valve (3/8" or 1/2")

**NOTE:** The input water tubing has been attached to the feed water adapter for easy installation.

1. Shut off the water supply. Turn on the kitchen faucet to release the water pressure; **NOTE:** Make sure the water has stopped running before proceeding to the next step. Get a towel or bucket to catch water.
2. Disconnect the cold water pipe from the cold water supply valve;
3. Twist the feed water adapter onto the cold water supply valve (with its washer) and tighten it with an adjustable wrench (Figure 6); **NOTE:** If the cold water pipe is 1/2", unscrew the two converters from the feed water adapter firstly (Figure 7), then implement step 3.
4. Twist the cold water pipe (with its washer) onto the feed water adapter and tighten with an adjustable wrench.



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### Quick Connect Undersink Water Filtration System

Q6 | Installation Instructions (The following pictures are based on Q6-U as an example)



#### Specifications

Product model	Q6-C	Q6-U
Filter material	CTO	UF+CTO
Working pressure	10-125 psi(0.7-8.6 bar)	
Applicable water temperature	41-100.4°F	
Flow rate	0.75GPM/2.83LPM	
Filter capacity	19,000 Gallons	
Product dimension	4.69×4.61×16.38 inch	
Applicable water source	Municipal tap water	

**Note:** If using well water as the source, please make sure the feed water has been through a pre-filtration system, otherwise, large particles in well water will clog the filter easily and shorten filter life.

#### Precautions

- Do not use it with water that is microbiologically unsafe or of unknown quality without adequate disinfection.
- For use only with cold water.
- Do not freeze the filter, as this can cause cracking and water leakage.
- Do not allow children under 3 years old to have access to small parts during installation of this product.
- This installation must comply with all applicable state and local regulations.
- Turn off the water supply while replacing the filter.

#### Installation of the filter system

##### 1. Fix the filter head and the filter.

1. Paste the assistant label to finish drilling. (**Note:** Mount the water filter at least 2 inches higher than the ground for easier filter change.)
2. Install the screw and reserve enough space to hang the filter.
3. Hang the filter system on the screw.



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### 2. How to use the quick-connect fittings



Figure 1

#### To connect:

- Push the tubing into the fitting (Figure 1).
- NOTE:** If the tubing is not fully inserted, no seal will be created and leakage will occur.
- When the tubing is fully inserted, put the blue lock clip on the fitting. It will lock the tubing in place and prevent it from falling off.



Figure 2

**NOTE:** If the tubing is too long, cut it to a suitable length with a sharp utility knife or scissors. Cut the tubing squarely and cleanly (Figure 2). Make sure the tubing is fully inserted (about 0.8").

#### To disconnect:

- Remove the blue lock clip from the fitting;
- Use your thumb and index finger to press down the lock sleeve. Use your other hand to pull out the tube from the fitting (Figure 3).
- NOTE:** Please do not pull out the tubing directly. This will damage the fitting and cause leakage.



Figure 3

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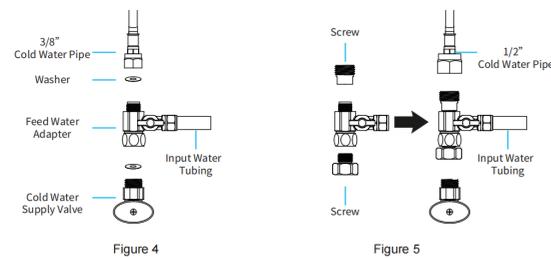


Figure 4

Figure 5

### 5. Install clean water faucets

**NOTE:** If your kitchen sink or countertop does not have an existing hole, you will have to drill one (1 3/8"). Refer to Page 3.

1. Insert the faucet rubber seal into faucet stem;
2. Insert the faucet stem into the hole on the countertop Figure 6;
3. Under the sink, screw the faucet stem and slip on other parts according to the figure;
4. Insert the quick-connect fitting onto the faucet stem fully and firmly.

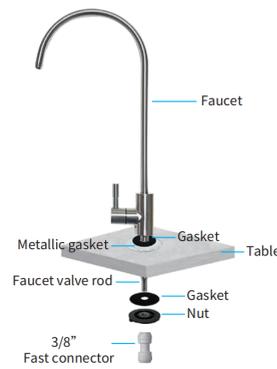


Figure 6

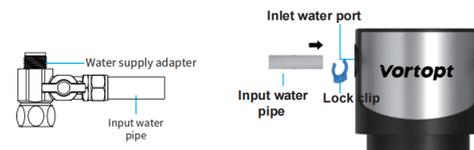
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### 6. Connect the water pipes

**NOTE:** Confirm the tubing length you need and cut the tubing if it's too long, referring to "How to use the quick-connect fittings" on page 2.

#### Setp1: Install input water pipes

- Connect the input water pipe of the feed water adapter to the inlet port; **NOTE:** Make sure it is fully inserted until you reach the mark on the tubing.



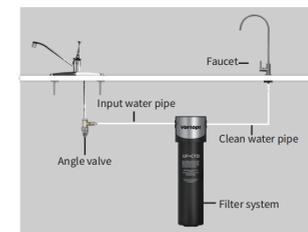
#### Setp2: Install clean water pipe

- Connect the pure water pipe of the faucet to the outlet port; **NOTE:** Make sure it is fully inserted until you reach the mark on the tubing.



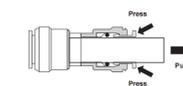
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For an example of installation effect, please connect the pipeline according to the nozzle position mark of the fuselage.



#### To disconnect

Use your thumb and index finger to press down on the lock sleeve. Use your other hand to pull out the hose from the fitting. **Note:** Please do not pull out the tubing directly, or else it will damage the fitting and cause leakage.



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### Filter Element Function and Service Lifetime

The filter's service life is related to the water quality.

Filter Name	Filter Element Function	Lifespan
CTO	Deep adsorption of abnormal color, odor, residual chlorine in water.	6-12 months
UF+CTO	Deep adsorption of abnormal color, odor, residual chlorine in water. Effectively intercept Escherichia coli and other bacteria in water, reduce the total number of bacteria, intercept colloid, reduce turbidity.	12-24 months

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### Filter Replacement

1. Turn off the water supply.
2. Rotate 1/4 turn to the left to remove the filter.
3. Take out the new filter and remove the protective cap.
4. Rotate 1/4 turn to the right to install the filter. Ensure that the filter's triangle mark is aligned with the connection mark.
5. Turn on the cold water valve and flush for 5 minutes.



### Troubleshooting and Solutions

Troubleshooting	Solutions
Water leaks after installing	In the event of water leakage, turn off the water supply. If the water leakage is occurring at the thread, wrap teflon tape on the external thread. If the water leakage is occurring at the quick connection position, insert the quick-connect fitting to the end and make sure the hoses hit the bottom of the fitting. Contact us for solutions if the water leakage persists.
Black water come out during flushing	It's normal that black water comes out when flushing. The purpose is to remove carbon powder remaining on the surface of filter materials. You can normally use it after flushing for 5 minutes.

### CERTIFICATE OF WARRANTY

Warranty Coverage: This product warranty is valid for 6 months. This warranty covers any defects in materials or workmanship under normal use during the warranty period. If a defect arises and a valid claim is received by Vortopt within the Warranty Period, Vortopt will at its option, repair or replace the product, or refund the purchase price.

Exclusions: This warranty does not cover any damage caused by accident, such as misuse, abuse, neglect, unauthorized modification, or failure to follow instructions provided with the product. This warranty does not cover any damage caused by use with non-compatible products or accessories.

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