

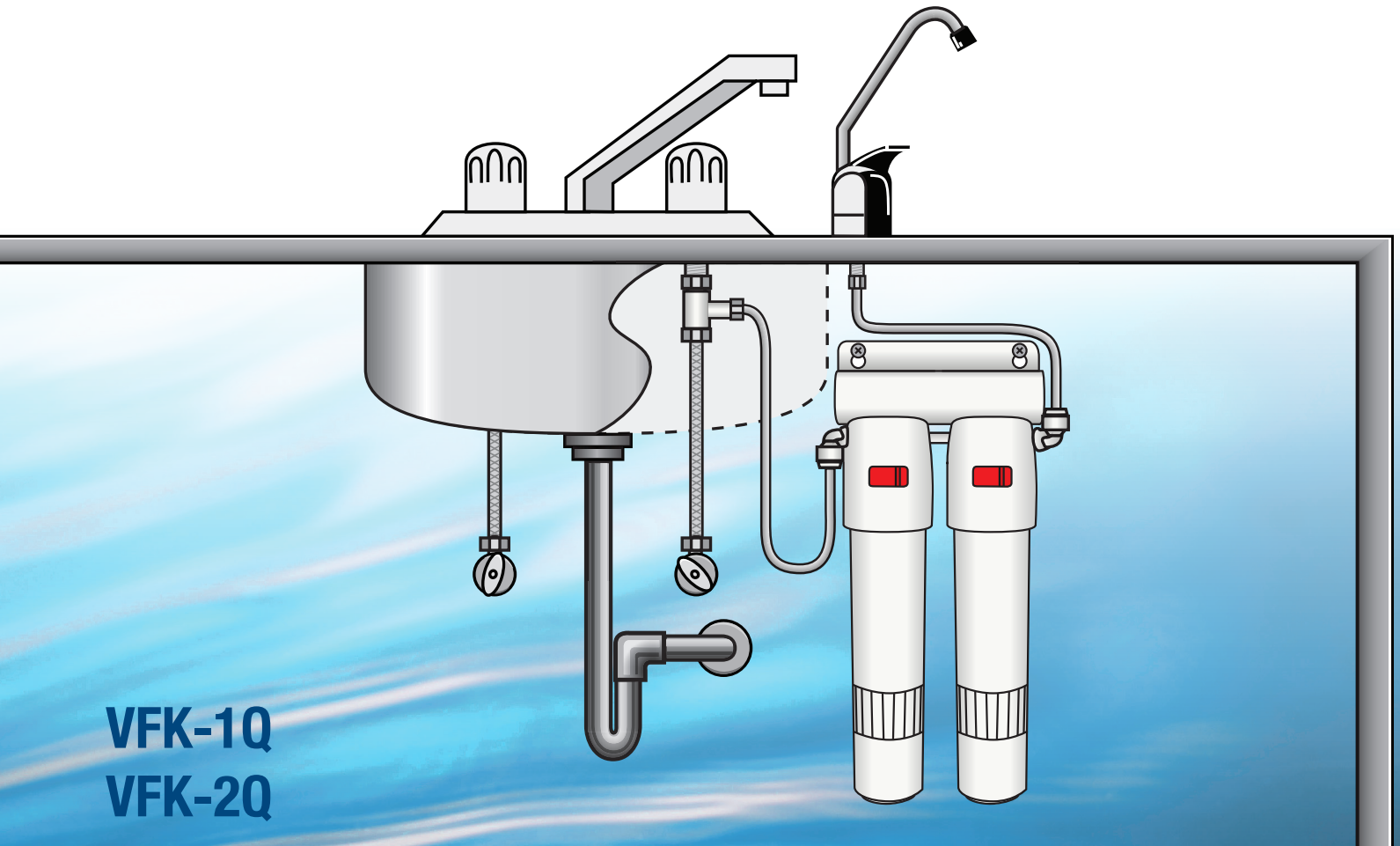


The VFK-2Q has been tested and certified by NSF International against NSF/ANSI Standard 42, 53 and CSA B483.1 for reduction of the claims specified on the performance data sheet

The VFK-1Q has been tested and certified by NSF International against NSF/ANSI Standard 42 and CSA B483.1 for reduction of the claims specified on the performance data sheet

## UNDER SINK

# Single and Dual Stage Quick Connect Filtration Systems



**VFK-1Q**  
**VFK-2Q**

## Installation, Use & Care Guide

(Customer must read this manual thoroughly before installing the system)

2017-06-20

CONSUMER: Retain this manual for future reference.

Questions, problems, missing parts? Before returning to your retailer, call our customer service department at:  
1 (877)-447-4768. 8:30am-4:30pm CST, Mon - Fri or email us at [customerservice@ghpgroupinc.com](mailto:customerservice@ghpgroupinc.com)  
[www.ghpgroupinc.com](http://www.ghpgroupinc.com)



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Canada: 271 Massey Road, Guelph, Ontario, N1K 1B2

Printed in China

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## Safety Precautions:

- You must follow the guidelines to install this system. Check with your State/Province and local public works department for plumbing and sanitation codes.
- If house water line pressure is over the maximum 100 psi (pounds per square inch), install a pressure regulator in the water supply line before this system.
- The system is for cold water use only and must be protected against freezing, which can cause water leakage.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected wares that may contain filterable cysts.
- Make sure the water supply conforms to the specification guidelines. If the water supply conditions are unknown, consult your local municipal water company or health department about the quality and the list of contaminants of the water in your area.
- While using the system for the first time, or prolonged non-use (such as during a vacation over one week), the system should be flushed thoroughly.

**CAUTION: Let water run for 15 minutes to rinse the system before using.**

- This system contains replaceable filter cartridge(s) with a limited service life.

**CAUTION: Changes in taste, odor, color and/or flow of the water being filtered indicate that the cartridge should be replaced.**

## Conditions for Operation:

### General Conditions

Min. /Max. Operating Pressure .....	30 - 100 psi (207-689 kPa)
Min. /Max. Operating Temperature .....	40 - 113°F (4.4 -45°C)

### Conditions for VFK-1Q

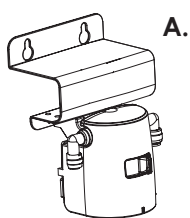
Flow Rate .....	1 GPM (3.8 LPM)
Replacement Cartridges .....	VRFQ-CTO (Carbon Block)
Capacity .....	1,000 Gallons (3,780 Liters)

### Conditions for VFK-2Q

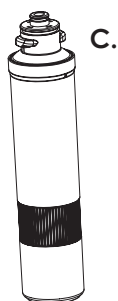
Flow Rate .....	0.5 GPM (1.9 LPM)
Replacement Cartridges .....	VRFQ-42/53CTO (Carbon Block) and VRFQ-PP (Sediment)
Capacity .....	500 Gallons (1,890 Liters)

## Package Contents:

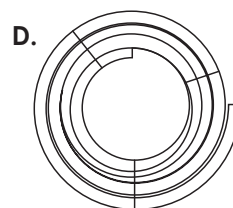
### VFK-1Q



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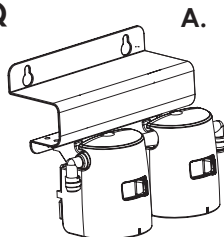


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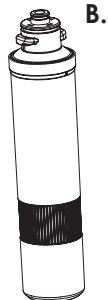


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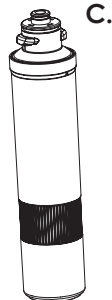
### VFK-2Q



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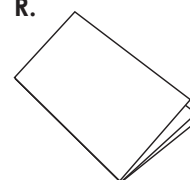
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R.



### VFK-1Q

Part	Description	QTY
A	Head Assembly with Bracket	1
C	Carbon Block Filter (VRFQ-CTO)	1

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### Accessories Kit

Part	Description	QTY
D	6' of 1/4" White Tubing	1
E	Mounting Screw	2
F	Inlet Rubber Washer	1
G	Inlet Valve	1
H	Inlet Compression Nut	1
I	Faucet	1
J	Escutcheon Plate	1
K	Rubber Gasket	1
L	Plastic Lock Washer	1
M	Star Washer	1
N	Stem Nut	1
O	Plastic Insert	1
P	Plastic Ferrule	1
Q	Faucet Compression Nut	1
R	Installation, Use & Care Guide	1

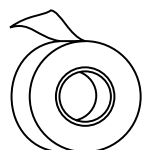
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### VFK-2Q

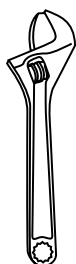
Part	Description	QTY
A	Head Assembly with Bracket	1
B	Sediment (PP) Filter (VRFQ-PP)	1
C	Carbon Block Filter (VRFQ-42/53 CTO)	1

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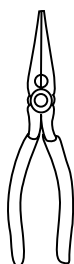
## Tools Required for Installation:



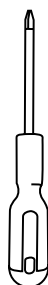
Teflon Tape



Adjustable Wrench



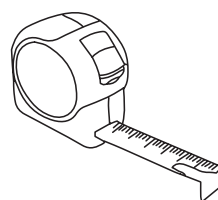
Pliers



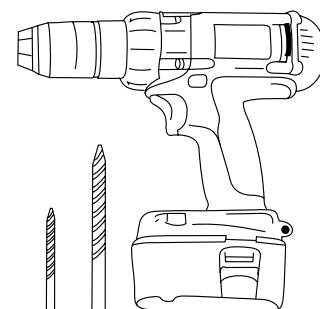
Phillips Screwdriver



Utility Knife



Measuring Tape



Drill and Bits

## Installation Instructions:

The filter(s) of VFK-1Q and VFK-2Q Systems have been pre-assembled and tested at the factory, and don't need to dis-assemble. If you want to check or replace the filter(s). The following steps need to be implemented:

### Installing the Quick Connect Filter (See Figure 1):

1. Unlock the Locking Tab by sliding it from the right to the left of the slot to 'Unlock' Position.
2. Lift the filter top section into the Head. Turn the filter about 1/4 turn in the direction as shown in figure 1 until it stops.
3. Slide the Locking Tab from left to right of the slot to 'Lock' position.

### Un-installing the Quick Connect Filter (See Figure 2):

1. Unlock the Locking Tab by sliding it from the right to the left of the slot to 'Unlock' Position.
2. Turn the filter in the direction as shown in figure 2 about 1/4 turn until it comes out of the head.

**NOTE:** The filter head can be swung forward to assist in the filter installation.

**CAUTION:** Don't attempt to turn the filter housing while in the 'Lock' position. It may damage the system and cause leaks.

Figure 1.

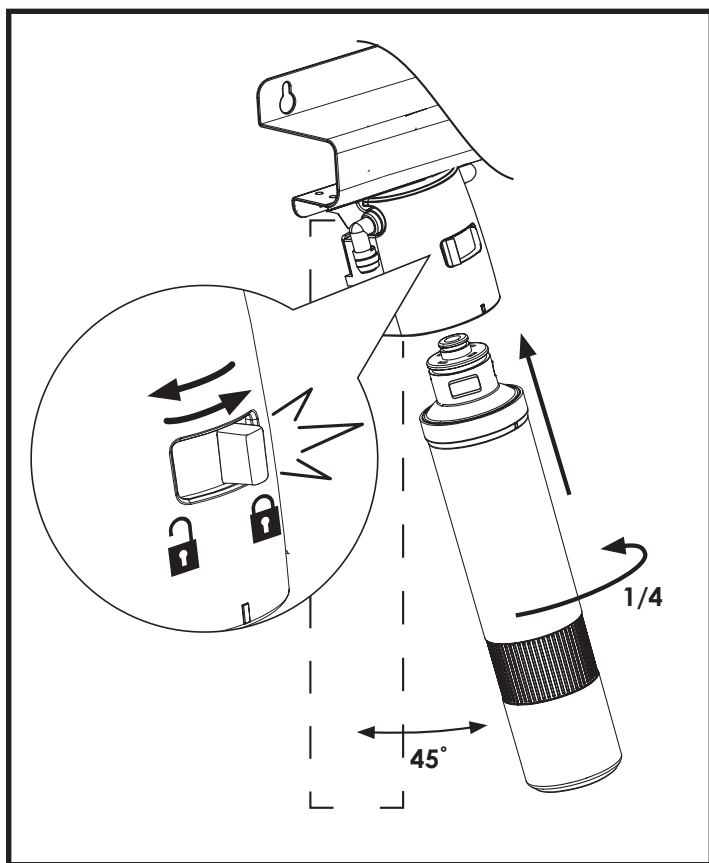
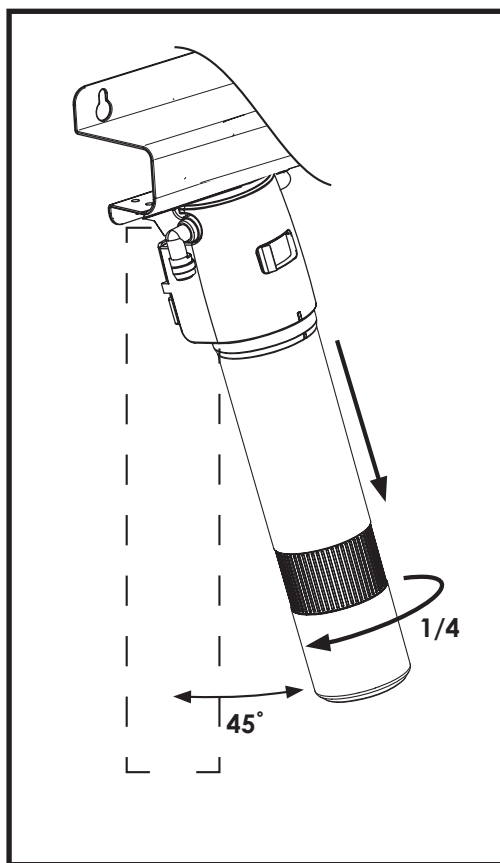


Figure 2.

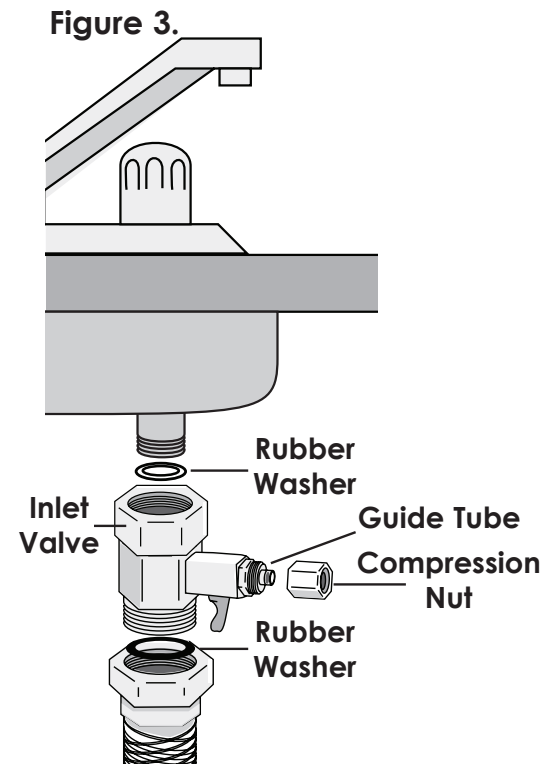


## Installation Instructions:

### Tapping into Cold Water Line (See Figure 3):

**CAUTION:** The water supply to your unit **MUST** be from the **COLD WATER LINE**. Hot water will severely damage your filtration system.

1. Turn off cold water supply by turning off the shut off valve under the sink. If the cold water line doesn't have a shut off valve under the sink, turn off the main water line in the house. Place a tray or towel under cold water line to catch excess water.
2. Turn on the cold water faucet and allow all the water to drain from the line. On a single handle faucet, the hot water may have to be turned off to prevent any hot water cross over.
3. Loosen nut and separate cold water braided flex line from the kitchen cold water faucet shank. Attach Inlet Valve (G) to the shank using Rubber Washer (F) supplied in the kit. Reinstall the flex line onto the inlet valve and tighten with adjustable wrench. Use Teflon tape on all threaded connection points.



### Drilling the Faucet Hole (See Figure 4):

The drinking water faucet should be positioned with function, convenience and appearance in mind. An adequate flat area is required to allow faucet to rest securely. Check the underside of the location for interference. Most sinks have a pre-drilled 1¼" or 1½" diameter holes designed for spray hoses. The drinking water faucet may be installed using one of these holes, despite their larger size. If the pre-drilled holes cannot be used, or are in an inconvenient location, it will be necessary to drill a minimum ½" hole in the sink or through the countertop next to the sink or the faucet.

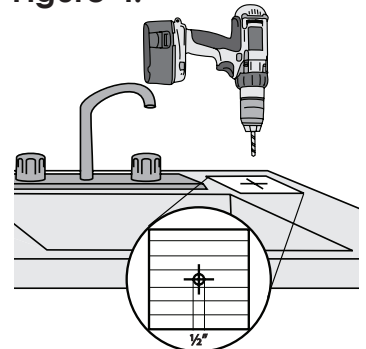
**CAUTION:** Do not drill through a counter top that is more than 1" thick.

**CAUTION:** Do not attempt to drill through a tiled, marble, granite or similar countertop. Consult a plumber or the countertop manufacturer for advice or assistance.

**CAUTION:** When drilling through a countertop make sure the area below the drilled area is free of the wiring and piping. Make certain that you have ample room to make the proper connection to the bottom of the faucet.

1. Line the bottom of the sink with newspaper to prevent shavings, parts, or tools from falling down the drain.
2. Place masking tape over the area to be drilled to help prevent scratches if drill bit slips.
3. Mark point with a center punch. Use a ½" or ⅝" drill bit to drill a hole.
4. Smooth rough edges with a file.

Figure 4.



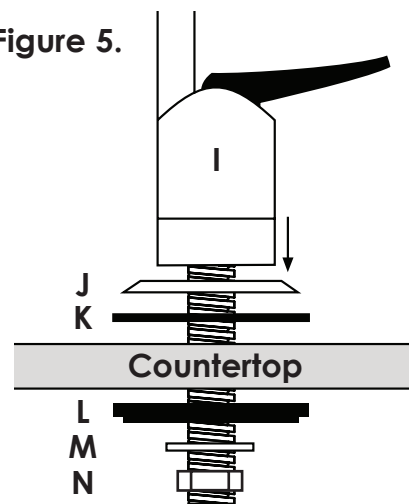


## Installation Instructions (continued):

### Installing the Faucet (See Figure 5):

1. Guide Escutcheon Plate (J) and Rubber Gasket (K) onto the stem of Faucet (I). Slip the stem into the hole and make sure it sits flat on the top of the sink or countertop surface.
2. From underneath the sink, slide Plastic Lock Washer (L) and Star Washer (M) up along the stem, then screw Stem Nut (N) all the way up the stem until it's flush with Star Washer. Screw with adjustable wrench until it's slightly snug and check to make sure the faucet spout is in the proper position.

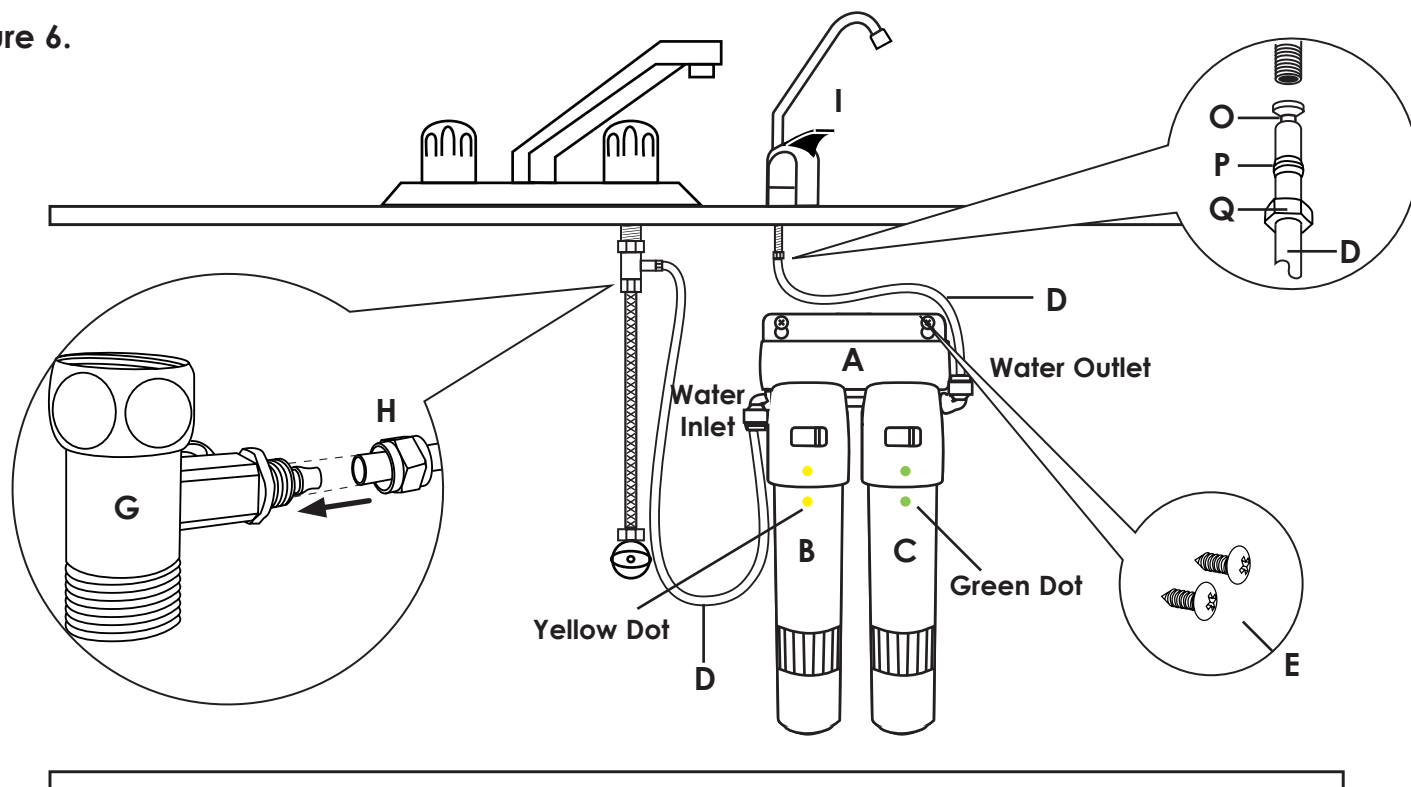
Figure 5.



### Mounting the System under the Sink (See Figure 6):

1. Choose an easy to access area under the sink to mount the system.  
**Note: Mount the system to a solid cabinet wall. If a solid wall is not available, use hollow-wall anchor bolts or toggle bolts (not included) to secure to the wall.**
2. Use the Pre-Assembled Head Assembly (A) as a template, mark the holes for positioning the system on the wall surface.
3. Insert Mounting Screws (E) into the wall with a Phillips screwdriver. Leaving approximately 3/8" of each screw exposed. Hang the system through the eyes of the bracket on the screws. Tighten the screws to secure the system.

Figure 6.



## Installation Instructions (continued):

### Connecting 1/4" tubing from Water Line to System. (See Figure 6):

1. Determine the length of 1/4" Tubing (D) from Inlet Valve (G) to the inlet of Head Assembly (A) by holding tubing in place ensuring it's of appropriate length. Cut the tubing square with a utility knife.

**CAUTION: Don't kink tubing as this will impede water flow.**

2. Wet one end of the tubing with water and push it onto the guide tube of the valve until it stops.
3. Wrap Teflon Tape around the thread of the valve, and hand-screw the Inlet Compression Nut (H) on the valve and tighten with adjustable wrench.
4. Push other end of the tubing into the inlet of Head Assembly (A) by referring the instruction of "Tubing Connection with Push-in Fitting".

### Connecting 1/4" tubing from System to Faucet. (See Figure 6):

1. Determine the length of 1/4" Tubing (D) from the outlet of Head Assembly (A) to the stem of the Faucet (I) by holding tubing in place ensuring it's of appropriate length. Cut the tubing square with a utility knife.

**CAUTION: Don't kink tubing as this will impede water flow.**

2. Gently slide Faucet Compression Nut (Q) down over the tubing. Follow with Ferrule (P). Push Insert (O) into the end of the tubing.
3. Wrap Teflon Tape around the thread of the stem.
4. Firmly push the tubing into the stem of Faucet (I) until it stops. Hand-screw the nut onto the threads of the stem. Tighten with wrench.

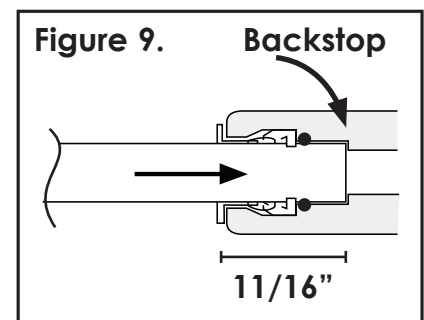
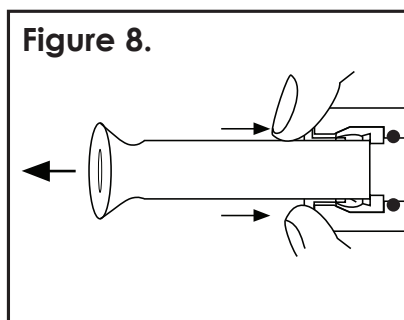
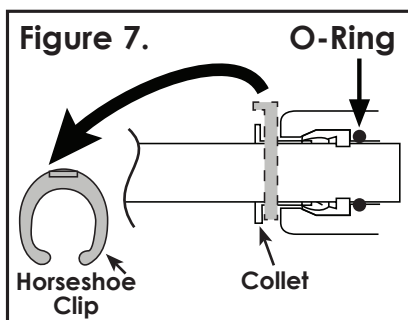
**CAUTION: Don't overtighten the compression nut.**

5. Push other end of the tubing into the water outlet of Head Assembly (A) by referring the instruction of "Tubing Connection with Push-in Fitting".

### Tubing Connection with Push-in Fittings. (See Figure 7, 8 and 9):

1. Take off the blue horseshoe clip from collet. See Figure 7;
2. Pull out and discard the protect plug by pushing the collet inward and holding with fingers. See Figure 8;
3. Insert Tubing (D) into the collet. Full engagement is 11/16" length of the tubing into the fitting. (See Figure 9):

**NOTE: Ensure tubing is pushed all the way to backstop.**



4. Put blue horseshoe clip back on collet.
5. To pull tubing out, simply repeat Steps 1 to 2.

## Start-up Instructions:

1. Turn Inlet Valve (G) to open position and the cold water sink faucet to the closed position.
2. Slowly open the cold water supply valve that you closed at the beginning of this installation.
3. Open Faucet (I) to purge air from the system. When the water runs smooth with no bubbles or spurting, close the faucet and check for leaks for all fittings.
4. Open the Faucet (I) again to rinse the system.

**CAUTION: Let water run 15 minutes before using.**

**NOTE: Initially, there may be some dark discolouration of the water (carbon deposits). This condition is normal and will disappear quickly.**

## Filter Cartridge Replacement Instructions:

**NOTE: The filters have a life expectancy between 6 to 12 months, depending on the incoming water conditions and the amount of water the system has used. You must periodically replace the filter(s).**

***The replacement filter(s) can be obtained at [www.ghpgroupinc.com](http://www.ghpgroupinc.com) or at the retail store where the system was purchased.***

1. Turn off Inlet Valve (G), and open Faucet (I) to relieve pressure from the system. Place a tray or towel under Filter Housing (B and C) to catch excess water.

### **To replace filter for VFK-1Q:**

2. Follow the instruction of "Un-installing the Quick Connect Filter" on Page 3 to remove old filter.
3. Then, follow the instruction of "Installing the Quick Connect Filter" on Page 3 to install new filter. Then go to step 5.

### **To replace filter for VFK-2Q:**

2. Follow the instruction of "Un-installing the Quick Connect Filter" on Page 3 to remove old filters.
3. Then, follow the instruction of "Installing the Quick Connect Filter" on Page 3 to install new filters.
4. Make sure Sediment Filter (B, yellow dot) is installed to inlet side of the system and Carbon Block Filter (C, green dot) is to outlet side of the system. Then go to Step 5.

**CAUTION: When looking at the system from the front, the Sediment filter must be on the left and Carbon Block filter must be on the right.**

5. Slowly open Inlet Valve (G) that you turned off at the beginning of this instruction.
6. Open the Faucet (I) to purge air from the system. When the water runs smooth with no bubbles or spurting, close the faucet and check for leaks. If any leaks, re-install the housing as needed.
7. Open the Faucet (I) again to rinse the system.

**CAUTION: Let water run 15 minutes before using.**

**NOTE: Initially, there may be some dark discolouration of the water (carbon deposits). This condition is normal and will disappear quickly.**



## Troubleshooting:

Problem	Possible Cause	Solution
Water leaks between Sump and Head	Loose connection of sump and head.	Unlock the filter head assembly and re-install the housing.
	O-rings missed or not in right position.	Open sump to check the O-rings.
Water leaks at Push-in Connections	Tubing is not pushing in all the way.	Push tubing in as far as it will go.
	Tubing end is not cut square.	Push tubing out and recut to square.
	Tubing is cracked or scratched.	Simply cut that portion away and reinsert tubing.
Water leaks at threaded fittings	Loose connection.	Tighten slightly more until leak stops. <b>Do no over-tighten.</b>
Water has air bubbles and is cloudy	Air in the system after installation.	Will go away after water runs for a while.
Either no water flow or very slow.	Inlet valve is closed.	Turn on the valve.
	Filter cartridge have become clogged.	Replace the filter cartridge.
	Tubing is kinked.	Check the tubing and make smooth line.
Water tastes bad or has an odor	The filter is expended.	Replace the filter cartridge.

For further operating, installation, or maintenance assistance call GHP Group Inc. customer service department at 1 (877)-477-4768 Mon. - Fri. 8:30 a.m. – 4:30 p.m. CST or email us at [customerservice@ghpgroupinc.com](mailto:customerservice@ghpgroupinc.com)

## Performance Data:

**Caution: Read this performance data and compare the capability of this system with your actual water treatment needs. It's recommended that, before installing the system, you have your water supply tested to determine your actual water treatment needs.**

The system conforms to NSF/ANSI Standard 42 and 53 for the specific performance claims as verified and substantiated by test data. While testing was performed under standard laboratory conditions, actual performance may vary.

The VFK-1Q system has been certified by NSF International according to NSF/ANSI 42 and CSA B483.1 and the VFK-2Q system has been certified by NSF International according to NSF/ANSI 42, 53 and CSA B483.1 for the reduction of the substance listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified in NSF/ANSI 42/53

### VFK-1Q with VRFQ-CTO Filter Cartridge, NSF/ANSI 42 and CSA B483.1 Certified

Substance	Influent Challenge Concentration	Reduction Requirements	Average Concentration
Chlorine	2.0mg/L $\pm$ 10%	$\geq$ 50%	91.8%
Particulates ( $\geq 5 < 15\mu\text{m}$ ) Class III	10,000 /mL	$\geq$ 85%	99.9%

Flow Rate = 1 gpm (3.78L)

Capacity = 1,000 gallons (3.780L) or 6 months

### VFK-2Q with VRFQ-PP and VRFQ-42/53CTO filter Cartridges, NSF/ANSI 42, 53 and CSA B383.1 Certified

Substance	Influent Challenge Concentration	Reduction Requirements	Average Concentration
Chlorine	2.0mg/L $\pm$ 10%	$\geq$ 50%	97.4%
Particulates ( $\geq 0.5 < 5\mu\text{m}$ ) Class I	10,000 /mL	$\geq$ 85%	99.6%
Lead $\text{pH } 8.5$ $\text{pH } 6.5$	0.15 mg/L $\pm$ 10%	0.010mg/L	99.7% 99.7%
Cyst	$\geq$ 50,000/mL	$\geq$ 99.95%	99.99%

Flow Rate = 0.5 gpm (1.9L)

Capacity = 500 gallons (1,900L) or 6 months

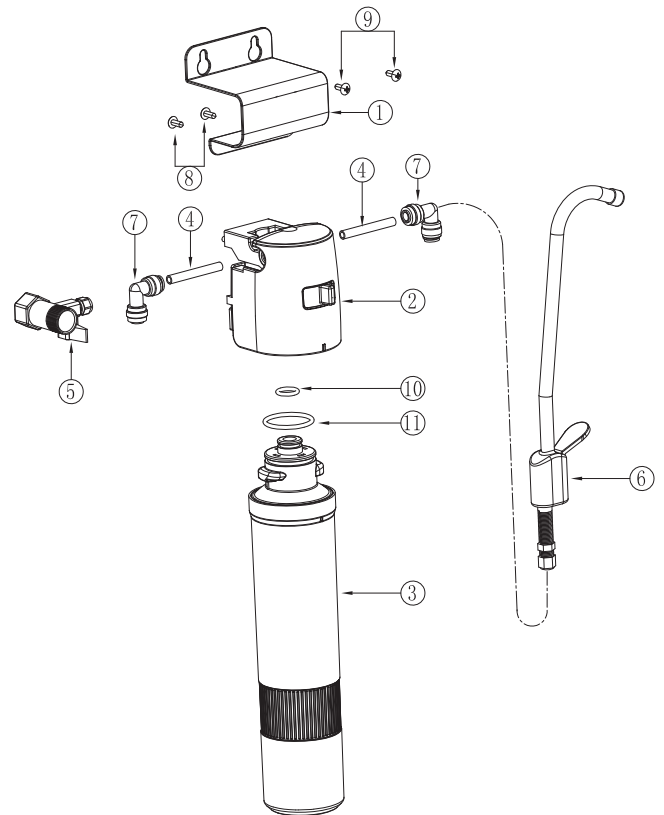
Manufactured and warranted by:  
GHP Group Inc.

USA: 6440 W. Howard Street, Niles, Illinois 60714  
Canada: 271 Massey Road, Guelph, Ontario, N1K 1B2

# Replacement Parts List:

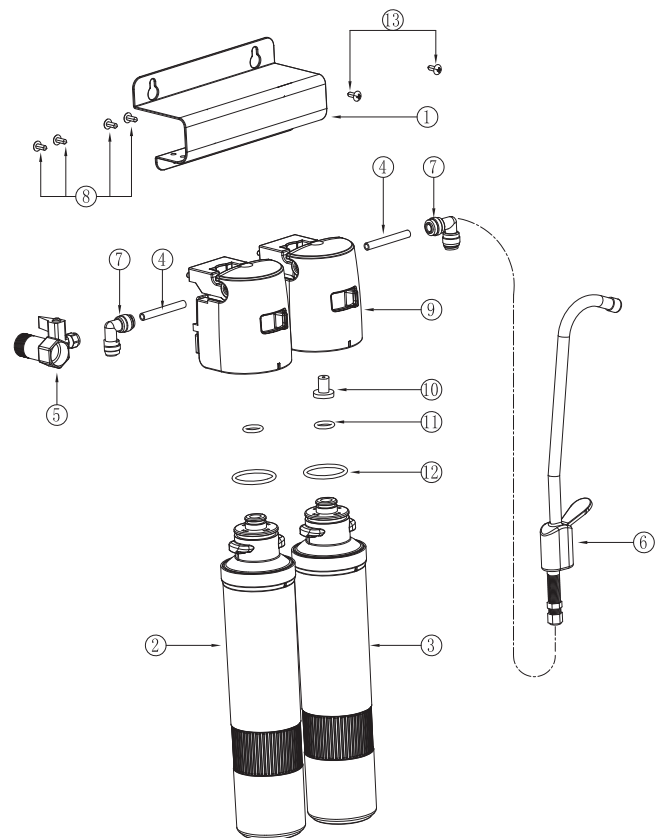
## VFK-1Q Single Stage Water Filtration System

Part	Description	Part #
1	Bracket	YY. VFK1Q-1
2	Filter Head	YY. VFK1Q-2
3	Carbon Block Cartridge	VRFQ-CTO
4	6' of 1/4" White Tubing	YY. VFK1Q-4
5	Inlet Valve	YY. VFK1Q-5
6	Faucet	YY. VFK1Q-6
7	Quick Connect Elbow	YY. VFK1Q-7
8	Head Mounting Screw	YY. VFK1Q-8
9	Bracket Mounting Screw	YY. VFK1Q-9
10	Filter O-ring, small	YY. VFK1Q-10
11	Filter O-ring, big	YY. VFK1Q-11



## VFK-2Q Dual Stage Water Filtration System

Part	Description	Part #
1	Bracket	YY.VFK2U-1
2	Sediment (PP) Cartridge	VRFQ-PP
3	Carbon Block Cartridge	VRFQ-42/53CTO
4	6' of 1/4" White Tubing	YY. VFK2U-4
5	Inlet Valve	YY. VFK2U-5
6	Faucet	YY. VFK2U-6
7	Quick Connect Elbow	YY. VFK2U-7
8	Head Mounting Screw	YY. VFK2U-8
9	Filter Head	YY. VFK2U-9
10	Flow Restrictor, plastic	YY. VFK2U-10
11	Filter Sump O-ring, small	YY. VFK2U-11
12	Filter Sump O-ring, big	YY. VFK2U-12
13	Bracket Mounting Screw	YY. VFK2U-13



# Warranty:

## Limited Warranty:

This limited warranty is extended to the original retail purchaser of this filtration system and warrants against any defect in material and workmanship for a period of one (1) year from the date of retail sale. GHP Group, Inc., at its option, will either provide replacement parts or replace the unit, when properly returned to the retailer where purchased or one of our service centers as directed by GHP Group, Inc., within one (1) year of retail purchase. (Shipping costs, labour costs, etc. are the responsibility of the purchaser.)

## Duties of the Owner:

This filtration system must be installed and operated in accordance with the written instructions furnished with this system. This warranty shall not excuse the owner from properly maintaining this unit in accordance with the instructions. A bill of sale, canceled check or payment record must be kept to verify purchase date and establish warranty period. Original carton should be kept in case of warranty return of the unit.

## What is Not Covered?

1. Damage caused by misuse, installation or use contrary to the owner's manual and safety guidelines.
2. Use of this product where water is microbiologically unsafe or of unknown quality.
3. Damage of caused by a lack of normal maintenance and cleaning.
4. Use of non-OEM parts or accessories.
5. Damage caused in transit. Freight charges on warranty parts or products to and from the factory shall be the responsibility of the owner.

THIS LIMITED WARRANTY IS GIVEN TO THE PURCHASER IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE. THE REMEDY PROVIDED IN THIS WARRANTY IS EXCLUSIVE AND IS GRANTED IN LIEU OF ALL OTHER REMEDIES. IN NO EVENT WILL GHP GROUP, INC. BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.

Some states/provinces do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. Some states/provinces do not allow the exclusion or limitation of incidental or consequential damages so the above limitation or exclusion may not apply to you.

## Claims Handles as Follows:

1. Contact your retailer and explain the problem
2. If the retailer is unable to resolve the problem, contact our Customer Service Dept. detailing the system model, the problem, and proof of date of purchase.
3. A representative will contact you. DO NOT RETURN THE UNIT TO GHP GROUP, INC. unless instructed by our Representative, or written authorization.

This warranty gives you specific legal rights and you may also have other rights that vary from state/province to state/province.

TO REGISTER THIS WARRANTY PLEASE FILL OUT THIS CARD COMPLETELY AND MAIL WITHIN FOURTEEN (14) DAYS  
FROM THE DATE OF PURCHASE OR REGISTER ON-LINE AT [www.ghpgroupinc.com](http://www.ghpgroupinc.com)

NAME: \_\_\_\_\_ PHONE: (     ) \_\_\_\_\_ EMAIL: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ CITY: \_\_\_\_\_ STATE/PROV: \_\_\_\_\_ ZIP: \_\_\_\_\_

MODEL: \_\_\_\_\_ SERIAL #: \_\_\_\_\_ DATE PURCHASED: \_\_\_\_\_

DEALER PURCHASED FROM: \_\_\_\_\_ TYPE OF STORE: \_\_\_\_\_

CITY & STATE WHERE PURCHASED: \_\_\_\_\_ PRICE PAID: \_\_\_\_\_

**Please Take a Minute To Give Us Your Answers To The Following Questions.**  
**All Responses Are Used Solely For Market Research And Are Held In Strict Confidence.**

Who primarily decided this purchase? ☐ Male ☐ Female ☐ 18-24 ☐ 25-39 ☐ 40-59 ☐ 60 and over

Purpose of Purchase? \_\_\_\_\_

Do you own any other filtration systems? ☐ Yes ☐ No If yes, type \_\_\_\_\_ brand \_\_\_\_\_

How do you intend to use your new system? ☐ Replace existing ☐ New location ☐ Other \_\_\_\_\_

How did you become aware of this system? ☐ In-Store Display ☐ Newspaper Ad ☐ Magazine Ad ☐ Friend/Relative

☐ TV Commercial ☐ Store Salesperson ☐ Other \_\_\_\_\_

What made you select this system? ☐ Style ☐ Reduction claims ☐ Price ☐ Package ☐ Brand ☐ Other \_\_\_\_\_

Would you recommend this system to a friend? ☐ Yes ☐ No

Please give us your comments: \_\_\_\_\_

THANK YOU FOR COMPLETING THIS FORM!

Information will be held confidential.