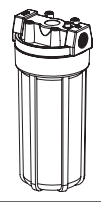
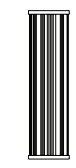
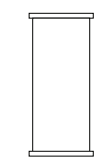
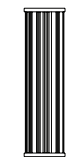
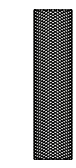
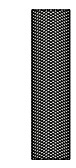
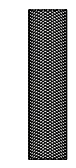

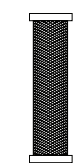



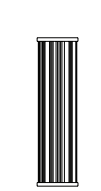
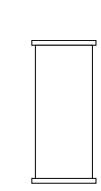
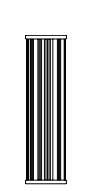



Cartridge Selection (For Filter Housing Model # H-PR-10-34, H-10-34, WCT34SS & WVIH34SS) Cartridge Filter Size 2.5" X 10"										
										
Select the Cartridge Filter for your water needs	PCP-5-10 (Part# 26175)	RF-10 (Part# 26254)	PC-20-10 (Part# 26008)	SW-10-10 (Part# 26246)	WSW30 or SW-30-10 (Part# 26010)	WSW05 or SW-5-10 (Part# 26011)	WC-10 or CGAC-10 (Part# 26006)	WT10 or ICDP-5-10 (Part # 26009)	SPB-5-10 (Part# 26222)	SPB-1-10 (Part# 26213)
Filter Type	Pleated Cellulose Cartridge - Polyester	Radial Flow Granular Activated Carbon	Pleated Cellulose Cartridge	String Wound Polypropylene	String Wound Polypropylene	String Wound Polypropylene	Granular Activated Carbon	Dual Purpose - Carbon Impregnated Cellulose	Spun Poly Bonded	Spun Poly Bonded
Scale and Rust Particles	X		X	X	X	X		X	X	X
Coarse Sand	X		X	X	X	X		X	X	X
Sand/Dirt/Silt	X		X	X	X	X		X	X	X
Fine Dirt/Silt/Sand	X			X		X		X	X	X
Extra Fine Dirt/Silt/Sand	X					X		X	X	X
Bad Taste & Odor		X					X	X		
Aesthetic Chlorine: Taste & Odor		X					X	X		
Filter Life (in months)*	6	6	6	6	6	6	6	6	6	6
Micron Rating (Nominal) +	5		20	10	30	5	-	5	5	5
Service Flow Rate gpm (lpm)**	5 (18.9)	1 (3.7)	5 (18.9)	10 (37)	10 (37)	10 (37)			1.5 (5.6)	1.5 (5.6)

* NOTE: Filter cartridge life varies depending on usage and water conditions

** NOTE: Flow rates measured at 60psi (4.1 bar)

The smaller the micron rating, the smaller the size particle the cartridge will filter. For comparison purposes, the human hair has a diameter of approximately 70 microns. Particles smaller than 40 microns are not visible with the human eye

Cartridge Selection (For Filter Housing Model # H-PR-20-34 & H-20-34)				
				
Select the Cartridge Filter for your water needs	PCP-5-20 (Part# 26177)	RF-20 (Part# 26253)	PC-20-20 (Part# 26182)	SPB-5-20 (Part# 26221)
Filter Type	Pleated Cellulose Cartridge - Polyester	Radial Flow Granular Activated Carbon	Pleated Cellulose Cartridge	Spun Poly Bonded
Scale and Rust Particles	X		X	X
Coarse Sand	X		X	X
Sand/Dirt/Silt	X		X	X
Fine Dirt/Silt/Sand	X			X
Extra Fine Dirt/Silt/Sand	X			X
Bad Taste & Odor		X		
Aesthetic Chlorine: Taste & Odor		X		
Filter Life (in months)*	6	6	6	6
Micron Rating (Nominal) +	5		20	5
Service Flow Rate gpm (lpm)**	7 (26)	2 (7.4)	7 (26)	2 (7.4)

* NOTE: Filter cartridge life varies depending on usage and water conditions

** NOTE: Flow rates measured at 60psi (4.1 bar)

The smaller the micron rating, the smaller the size particle the cartridge will filter. For comparison purposes, the human hair has a diameter of approximately 70 microns. Particles smaller than 40 microns are not visible with the human eye

Troubleshooting

Leaks between cap and bottom of housing:

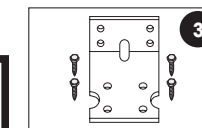
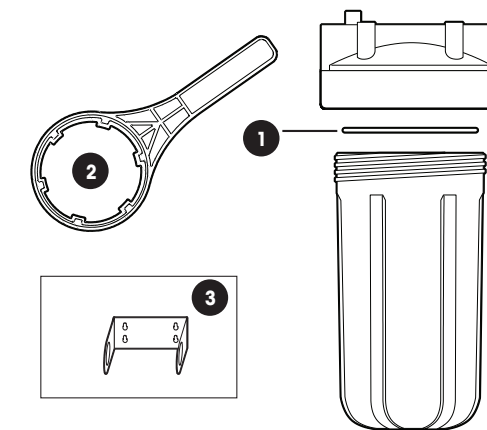
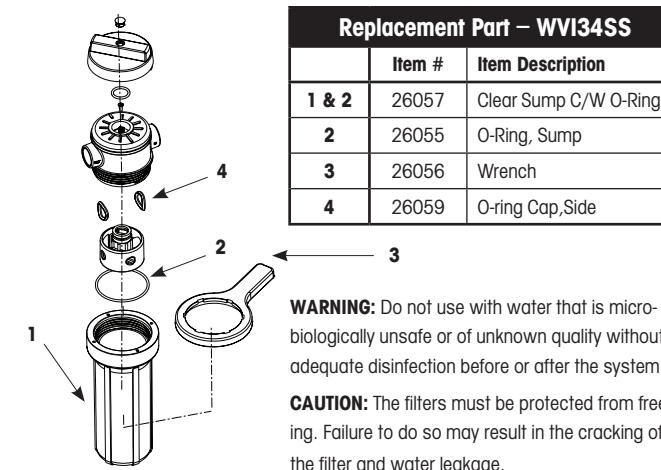
1. Turn off water supply and depress pressure-relief button.
2. Clean and lubricate O-ring with silicone grease. Also, clean the groove where the o-ring seats. Replace o-ring back in groove above threads. Screw bottom of housing back on cap securely by hand. Do not overtighten.
3. Turn on water supply. If leaks persist, or if there are other leaks on the system, turn off water supply. Call your dealer.

Leaks on inlet/outlet connections:

1. Turn off water supply. For brass fittings, tighten nut 1/2-turn with wrench.
2. Turn on water supply. If leaks persist, or if there are other leaks on system, turn off water supply. Call your dealer.

Replacement Parts

Housing #	Housing Model #	O-Ring, Sump	Wrench	Bracket with Hardware	Sump + O-ring
26262	H-PR-10BV-34	92512	92509	92514	-
26258	H-PR-10BV-1	92512	92509	92514	-
26261	H-PR-20BV-34	92512	92509	92514	-
26259	H-PR-20BV-1	92512	92509	92514	-
26263	H-PR-20BV-15	92512	92509	92514	-
26264	H-PR-10-34	92513	92508	92515	-
26066	WCT34SS	92060	26007	26023	26049
26065	WVIH34SS	92060	26007	92516	26049
26265	H-PR-20-34	92513	92508	92515	-



AQUA FLO

Limited Warranty

This warranty is valid for twelve months from the date of purchase as verified by a bill of sale. If this product is found to be defective in the judgment of the manufacturer, a replacement or equivalent replacement product will be provided at no charge. The manufacturer assumes no responsibility for consequential damage, labor or expense incurred as a result of a defect or for failure to meet the terms of this warranty because of circumstances beyond its control.

Retain this document for your records along with your proof of purchase.

Date Installed: _____

SOLD BY:

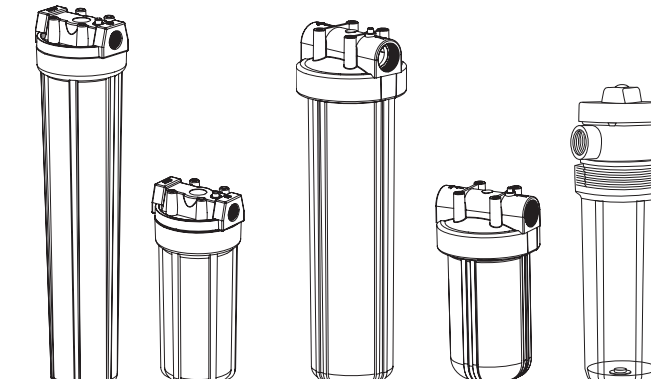
WaterGroup Companies Inc.
Regina, SK; Cambridge, ON; Fridley, MN
www.watergroup.com

54997.0312

AquaFlo Filter Housing INSTALLATION AND OPERATING INSTRUCTIONS

Model# H-PR-10BV-34, H-PR-10BV-1, H-PR-20BV-34, H-PR-20BV-1, H-PR-20BV-15, H-PR-10-34, WCT34SS, WVIH34SS, H-PR-20-34

NOTE: This filter housing does NOT include a filter cartridge. Choose the appropriate filter cartridge for your needs and install in housing according to the Cartridge Replacement instructions before proceeding with installation. See cartridge selection chart.



Specification

Pressure Range	30-100 psi (2.1-6.9 bar)
Temperature Range:	40-100°F (4.4-37.7°C)
Housing Material	Polypropylene (blue) & AS (clear)
Housing O-Ring Material	EPDM

Parts Included

- filter housing
- housing wrench
- bracket with mounting hardware

Tools Required

- 2 adjustable wrenches
- file
- pipe threader
- 2 pipe wrenches
- pencil
- pipe cutter or hacksaw

Materials Required (not included)


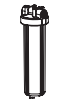


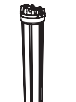
Depends on type, size, and location of pipe on which filter will be installed. Measure the pipe to determine what size nipples, union, and valve you will need. Depending on the pipe size, you will also need to purchase the appropriate size fittings. Consult your local hardware store to learn more about your particular installation needs.

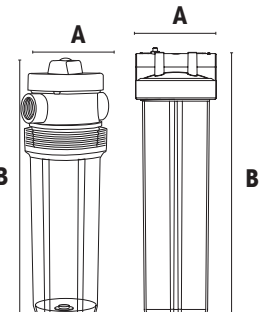
NOTE: Galvanized fittings must be used with galvanized pipe.

Optional Materials

- jumper wire

Filter Housing Specifications (Table 1)

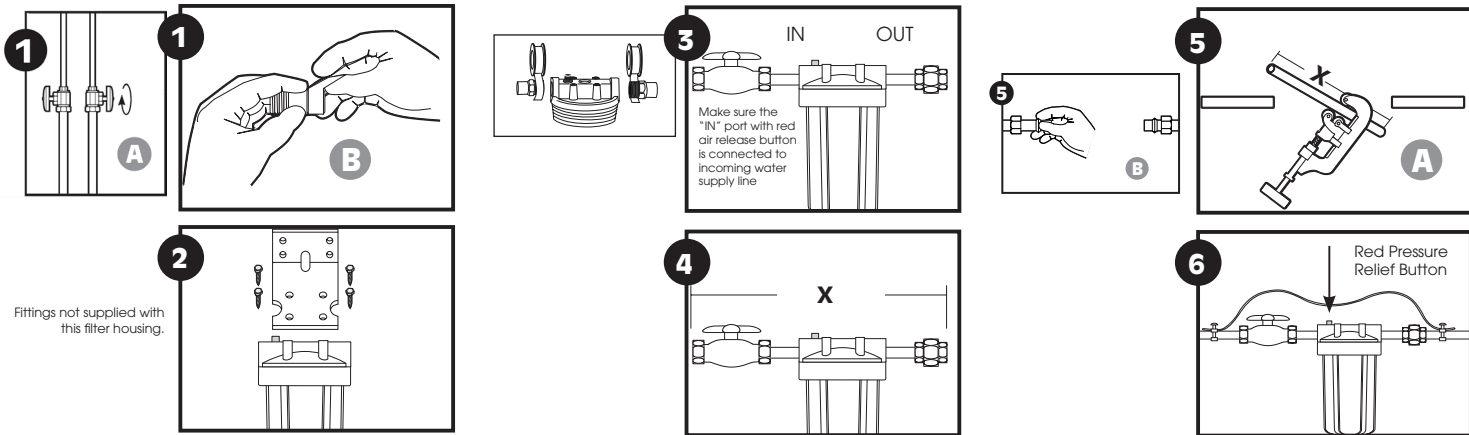
	Housing #	Housing Model #	Filter Size	Inlet/Outlet Size (Inches)	Dimension (inches) A	Dimension (inches) B
	26262	H-PR-10BV-34	4.5" X 10"	3/4"	7.25"	14"
	26258	H-PR-10BV-1	4.5"X10"	1"	7.25"	14"
	26261	H-PR-20BV-34	4.5"X20"	3/4"	7.25"	24"
	26259	H-PR-20BV-1	4.5"X20"	1"	7.25"	24"
	26263	H-PR-20BV-15	4.5"X20"	1.5"	7.25"	24"
	26264	H-PR-10-34	2.5"X10"	3/4"	5.25"	12.25"
	26066	WCT34SS	2.5" x 10"	3/4"	5.25"	12.25"
	26065	WVIH34SS	2.5" x 10"	3/4"	5"	13.5"
	26265	H-PR-20-34	2.5" x 20"	3/4"	5.25"	22.5"



Precautions

- WARNING:** Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- CAUTION:** Filter must be protected against freezing, which can cause cracking of the filter and water leakage.
- CAUTION:** The rubber O-ring provides the water-tight seal between the cap and the bottom of the housing. It is important that the O-ring be properly seated in the groove above the threads of the housing or a water leak could occur.
- CAUTION:** Because of the product's limited service life and to prevent costly repairs or possible water damage, we strongly recommend that the bottom of all blue plastic housings be replaced every ten years and clear housings every five years. If the bottom of your housing has been in use for longer than this period, it should be replaced immediately. Date the bottom of any new or replacement housing to indicate the next recommended replacement date.
- CAUTION:** Do not install where clear housing system will be exposed to direct sunlight.

Installation of Standard Filter Housings



NOTE:

- Assembly of this filter Housing can be modified by using various adapters. Fittings can be either sweated or threaded.
- Please read all instructions, specifications, and precautions before installing and using your water filter.
- Install filter cartridge in housing before proceeding with installation (see Filter Cartridge Replacement Section).
- Install filter after water meter or pressure tank.
- Numbered diagrams correspond with numbered steps.

1a. Shut off main water supply. Drain water from water lines.

1b. Apply about 12 inches (300 mm) of Teflon® tape in clockwise direction to pipe threads of each fitting. *

* Refer to the Inlet/Outlet Threads for the housing on Table 1 to determine the size of fitting.

2. Attach mounting bracket to cap before assembling the fittings. Fittings not supplied.

NOTE:

- For cold water use only.
- Make certain that installation complies with all state and local laws and regulations.
- The contaminants or other substances removed or reduced by the selected cartridge are not necessarily in your water. Ask your local water municipality for a copy of their water analysis, or have your water tested by a reputable water testing lab.
- After prolonged periods of non-use (such as during a vacation) it is recommended that the system be flushed thoroughly. Let water run for 5–6 minutes before using.
- The filter cartridge used with this system has a limited service life. Changes in taste, odor, color, and/or flow of the water being filtered indicate that the cartridge should be replaced.
- Some harmless bacteria may attack cellulose media cartridges. The Cellulose cartridge is not recommended on non-chlorinated water. If your cartridge seems to disintegrate or develops a musty or moldy odor, switch to a synthetic polyester media cartridge or consult the manufacturer.

NOTE: Allow 1-1/2 inches (33 mm) clearance below housing to enable filter cartridge changes.

3. Assemble all fittings. Use a wrench to tighten firmly. DO NOT OVER-TIGHTEN.

4. Measure length (shown as X on diagram) across assembled fittings and subtract 1 inch (25 mm) if you are installing on 3/4 inch (19 mm) pipe, or 1-1/2 inches (38 mm) if you are installing on 1 inch (25 mm) pipe. Mark section of pipe to be removed.

5a. Using a pipe cutter or hacksaw, remove marked section of pipe and thread remaining ends. Wrap threads with Teflon tape. File or sand sharp edges on remaining pipe.

5b. Slip brass compression nut and ferrule onto each end of the pipe. If installing on 1/2-inch pipe, substitute rubber ferrule for brass ferrule. (nut and ferrule are not supplied)

6. Align filter assembly with ends of pipe, making certain cap opening marked "IN" is facing the incoming water supply. It will be necessary to spread ends of pipe apart to install filter assembly. Using two adjustable wrenches, hold incoming adapter securely with one wrench and tighten nut with second wrench. Repeat procedure for outgoing adapter.

CAUTION: If water pipes are used to ground electrical systems, appliances, or phones, be certain to install a jumper wire. Contact your local electrician for more information. (Diagram 6)

Slowly turn on water supply to filter and depress red pressure-relief button on cap to release trapped air. Check for leaks. Open nearest faucet and flush filter for 10 minutes, wait one hour, then flush again for 10 minutes.

Installation of Valve-in-Head (VIH) Housing

NOTE: Assembly of this filter Housing can be modified by using various adapters. Fittings can be either sweated or threaded.

- Please read all instructions, specifications, and precautions before installing and using your water filter.
- Install filter cartridge in housing before proceeding with installation (see Filter Cartridge Replacement VIH Housing section).

- Install filter after water meter or pressure tank.
- Numbered diagrams correspond with numbered steps.
- See diagrams for corresponding steps. Only Teflon® tape is recommended for fitting connections.
- Install after water meter or pressure tank.

1. Turn off water supply (A) and open nearest faucet to drain pipes before installation. Apply about 6 inches of Teflon® tape (B) in clockwise direction to pipe threads of fittings.

2. Use mounting bracket as a template to mark screw locations. Then place bracket over the cap and align with inlet and outlet ports.

IMPORTANT: Allow 1-1/2 inches clearance below housing to enable cartridge changes.

3. Assemble all fittings. Fittings not supplied. Use a wrench to tighten firmly. DO NOT OVER-TIGHTEN. About one thread should remain visible.

4. Measure length (shown as X on diagram) across assembled fittings and subtract 1 inch for 3/4-inch pipe or 1-1/2 inches for 1/2-inch pipe. Mark section of pipe to be removed.

NOTE: Approximately 6 inches will be removed for 3/4-inch pipe and 5-1/4 inches for 1/2-inch pipe.

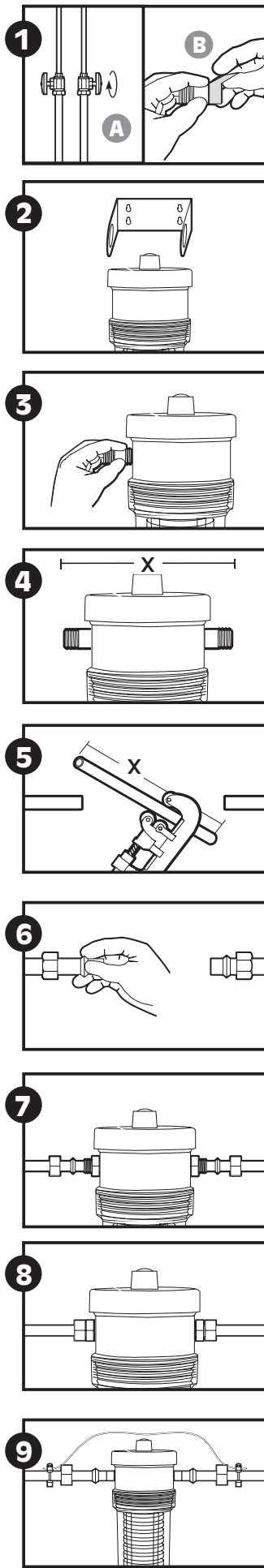
5. Using a pipe cutter or hacksaw, cut and remove marked section of pipe. File or sand sharp edges on remaining pipe.

6. Slip brass compression nut and ferrule onto each end of pipe. If installing on 1/2-inch pipe, substitute rubber ferrule for brass ferrule.

7. Align filter assembly with ends of pipe, making certain the cap opening marked "IN" is facing your incoming water supply. It will be necessary to spread ends of pipe apart to install filter assembly. Using two adjustable wrenches, hold incoming fitting securely with one wrench and tighten nut with second wrench. Repeat process for outgoing fitting.

8. Turn on main water supply. Slowly turn handle on housing 1/4-turn counterclockwise to allow system to fill with water. Check for leaks, then rotate handle fully to "FILTER" position. Open nearest faucet and flush filter cartridge for 15 minutes.

9. **CAUTION:** If water pipes are used to ground electrical systems, appliances or phones, be certain to install a jumper wire.



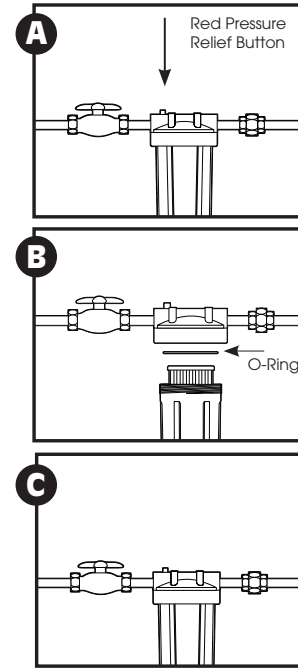
Cartridge Replacement

A. Turn off water supply to filter. Depress red pressure-relief button on top of filter. Use wrench to unscrew bottom of housing.

NOTE: If turning off water supply to filter will also turn off water supply to the rest of the home, be sure to fill a bucket of water first to allow you to clean housing after it has been removed.

B. Locate and remove large O-ring, wipe clean of lubricant and set aside. Discard used cartridge. Rinse out bottom of housing and fill about 1/3 full with water. Add about 2 tablespoons of bleach and scrub cap and bottom of housing with nonabrasive sponge or cloth. Rinse thoroughly. Lubricate O-ring with clean silicone grease Part# 92360. Insert O-ring back into groove and smooth into place with finger. Insert new cartridge over standpipe in bottom of housing.

C. Screw bottom of housing onto the cap and hand-tighten. DO NOT OVER-TIGHTEN.



Turn on water supply slowly to allow filter to fill with water. Depress red pressure-relief button to release trapped air. Check for leaks before leaving installation.

NOTE: After installation, flush the cartridge for 10 minutes, wait one hour, then flush again for 10 minutes before using the water.

Filter Cartridge Replacement of Valve-in-Head (VIH) Filter HOUSING

A. Turn water off by rotating handle on top of housing in clockwise direction.

NOTE: This will shut off all water flow within the household. Unscrew bottom of housing. Discard used cartridge.

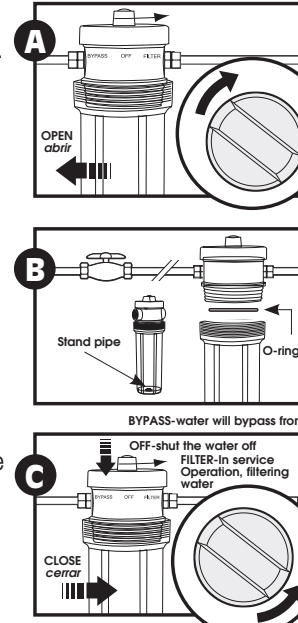
Rinse out housing and fill 1/3 with water. Add 2 tablespoons of bleach and scrub with nonabrasive brush or sponge. Rinse thoroughly.

B. Remove O-ring from groove in housing and wipe O-ring and groove clean. Lubricate O-ring with a coating of clean silicone grease Part# 92360. Insert O-ring back into groove and smooth into place with finger.

NOTE: This step is important to ensure proper housing seal. Make certain O-ring is seated level in the groove.

Firmly insert new cartridge into housing. Make certain it slips over the standpipe at the bottom of the housing.

C. Screw the bottom of housing onto the cap until it is hand-tight. Do not over-tighten. Slowly turn handle on



housing 1/4-turn counterclockwise to allow system to fill with water.

Check for leaks, then rotate handle fully to the "FILTER" position.

NOTE: Flush cartridge for 15 minutes before use.

Cartridge Selection (For Filter Housing Model # H-PR-10BV-34 and H-PR-10BV-1)			
Select the Cartridge Filter for your water needs	PR-50-10BV (Part# 26243)	PCP-5-10BV (Part# 26178)	RF-10BV (Part# 26255)
Filter Type	Pleated Polyester Reusable	Pleated Cellulose Cartridge - Polyester	Radial Flow Granular Activated Carbon
Scale and Rust Particles	X	X	
Coarse Sand	X	X	
Sand/Dirt/Silt		X	
Fine Dirt/Silt/Sand		X	
Extra Fine Dirt/Silt/Sand		X	
Bad Taste & Odor			X
Aesthetic Chlorine: Taste & Odor			X
Filter Life (in months)*	6	6	6
Micron Rating (Nominal) +	50	5	
Service Flow Rate gpm (lpm)**	10 (37)	10 (37)	2(7.4)

* NOTE: Filter cartridge life varies depending on usage and water conditions

** NOTE: Flow rates measured at 60psi (4.1 bar)

The smaller the micron rating, the smaller the size particle the cartridge will filter. For comparison purposes, the human hair has a diameter of approximately 70 microns. Particles smaller than 40 microns are not visible with the human eye

Cartridge Selection (For Filter Housing Model # H-PR-20BV-34, H-PR-20BV-1, H-20BV-15 & H-PR-20BV-15)			
Select the Cartridge Filter for your water needs	PR-30-20BV (Part# 26244)	PCP-5-20BV (Part# 26180)	RF-20BV (Part# 26256)
Filter Type	Pleated Polyester Reusable	Pleated Cellulose Cartridge - Polyester	Radial Flow Granular Activated Carbon
Scale and Rust Particles	X	X	
Coarse Sand	X	X	
Sand/Dirt/Silt		X	
Fine Dirt/Silt/Sand		X	
Extra Fine Dirt/Silt/Sand		X	
Bad Taste & Odor			X
Aesthetic Chlorine: Taste & Odor			X
Filter Life (in months)*	6	6	6
Micron Rating (Nominal) +	30	5	
Service Flow Rate gpm (lpm)**	20 (76)	20 (76)	4 (15)

* NOTE: Filter cartridge life varies depending on usage and water conditions

** NOTE: Flow rates measured at 60psi (4.1 bar)

The smaller the micron rating, the smaller the size particle the cartridge will filter. For comparison purposes, the human hair has a diameter of approximately 70 microns. Particles smaller than 40 microns are not visible with the human eye