



 **BUNN**

HIGH PERFORMANCE WATER FILTRATION SOLUTIONS

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## OWNER INFORMATION

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### GENERAL

BUNN High Performance Water Filtration Solutions are specifically designed to operate as a universal filtration system offering multiple filtration packages in order to provide the best water quality across several food service applications. Built upon the ability to come in several head / filtration package configurations, it can accommodate multiple filtration needs, flow rates and scale prevention options in the product line.

Options include the reduction of particulates such as sand, silt, sediment and rust, as well as chlorine/chloramines with improved taste and clarity of the water, which preserves the taste of carbonated and non-carbonated beverages, coffee, tea, and ice. Our scale and cor-

rosion inhibitor packages can be automatically fed into the recipe water to inhibit the formation of scale in ice machines, coffee brewers, steamers and other applications that require scale control.

Our filters have been tested and certified by NSF International, which is globally recognized as the premier certification for public health requirements.

## OWNER INFORMATION (CONT.)

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### KEY FEATURES

This product line was specifically engineered after years of industry research. It offers a proprietary cartridge-to-head interface providing these first-in-class features:

- Best-in-class performance/capacity
- Modular design for simple customization and expandability
- Build-on-the-wall capability helps to reduce inventory
- Reverse and forward compatibility
- Built-in vent/leak detectors
- Auto-leveling technology ensures perfect installation each time
- Auto shut-off, pressure relief/rinse valves to ensure simple and safe installation and system maintenance
- Up to 8 times more scale control capacity than many of the leading manufacturers
- Proven scale control performance
- High capacity, low pressure drop system configuration

### ADDITIONAL FEATURES (WQ MODEL ONLY)

- Patented Filter Integrity Port guarantees there will never be unfiltered water in your product
- Select individual filters rated up to 7.5 GPM and 15 GPM
- Up to 265,000+ gallons Chlorine reduction per cartridge
- Up to 60,000+ gallons Chloramines reduction per cartridge

### TECHNICAL ASSISTANCE

If you have any problems with the installation or operation of your water filtration system, please contact us at (800) 286-6070.

Fill in the information below and have it ready when calling for assistance. The serial number can be found on the specification plate located on the system.

Purchased From: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_

Model No.: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Mfg. No.: \_\_\_\_\_

To ensure you have the latest revision of the Operating Manual, Illustrated Parts Catalog, Programming Manual, or Service Manual, please visit the Bunn-O-Matic web site at [www.bunn.com](http://www.bunn.com). This is absolutely FREE and the quickest way to obtain the latest catalog and manual updates. For Technical Service, contact Bunn-O-Matic Corporation at 1-800-286-6070.

#### **BUNN-O-MATIC CORPORATION**

POST OFFICE BOX 3227

SPRINGFIELD, ILLINOIS 62708-3227

PHONE: (217) 529-6601 FAX: (217) 529-6644

[www.bunn.com](http://www.bunn.com)

## OWNER INFORMATION (CONT.)

### IMPORTANT SAFETY INFORMATION

Read, understand, and follow all safety information contained in these instructions prior to installation. Retain these instructions for future reference.

Intended Use:

The High Performance Water Filtration Solutions System is intended for use in filtering potable water in the foodservice industry and has not been evaluated for other uses. The system must be installed as specified in these installation instructions.

EXPLANATION OF SIGNAL WORD CONSEQUENCES	
 <b>WARNING</b>	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury and/or property damage.
 <b>CAUTION</b>	Indicates a potentially hazardous situation, which, if not avoided, may result in property damage.
 <b>WARNING</b>	
<b>To reduce the risk associated with choking:</b>	
<ul style="list-style-type: none"> <li>Do not allow children under 3 years of age to have access to small parts during the installation of this product.</li> </ul>	
<b>To reduce the risk associated with the ingestion of contaminants:</b>	
<ul style="list-style-type: none"> <li>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 water that may contain filterable cysts. EPA Establishment #10350-MN-007.</li> </ul>	
<b>To reduce the risk associated with hazardous voltage due to an installer drilling through existing electric wiring or water pipes in the area of installation:</b>	
<ul style="list-style-type: none"> <li>Do not install near electric wiring or piping which may be in path of a drilling tool when selecting the position to mount the filter bracket.</li> </ul>	
<b>To reduce the risk of physical injury:</b>	
<ul style="list-style-type: none"> <li>Depressurize system as shown in manual prior to cartridge removal.</li> </ul>	
<b>To reduce the risk associated with back strain:</b>	
<ul style="list-style-type: none"> <li>Follow safe lifting procedures.</li> </ul>	

## OWNER INFORMATION (CONT.)

### CAUTION

#### To reduce the risk associated with property damage due to water leakage:

- Read and follow Use Instructions before installation and use of this system.
- Installation and Use **MUST** comply with all state and local plumbing codes.
- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 40°F (4.4°C).
- Do not install on hot water supply lines. The maximum operating water temperature of this filter system is 100°F (37.8°C).
- Do not install systems in areas where ambient temperatures may go above 110°F (43.3°C).
- Do not install if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- Do not install where water hammer conditions may occur. If water hammer conditions exist, you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Do not use a torch or other high temperature sources near filter system, cartridges, plastic fittings or plastic plumbing.
- On plastic fittings, never use pipe sealant or pipe dope. Use PTFE thread tape only, pipe dope properties may deteriorate plastic.
- Take care when using pliers or pipe wrenches to tighten plastic fittings, as damage may occur if overtightening occurs.
- Do not install in direct sunlight or outdoors.
- Do not install near water pipes which will be in path of a drilling tool when selecting the position to mount the bracket.
- Mount filter in such a position as to prevent it from being struck by other items used in the area of installation.
- Ensure that the location and fasteners will support the weight of the system when installed.
- Ensure all tubing and fittings are secure and free of leaks.
- The disposable filter cartridge **MUST** be replaced every 6 months or at the rated capacity or sooner if a noticeable reduction in flow rate occurs.

### IMPORTANT NOTES

- Failure to follow instructions will void warranty.
- Allow a minimum of 2 5/16" (5.87 cm) clear space under filter to facilitate cartridge change.
- Install with the inlet and outlet ports as labeled. Make sure not to reverse connections.
- Some local codes may require the use of a licensed plumber or certified installer when disrupting a potable water line.

## OWNER INFORMATION (CONT.)

### WARRANTY INFORMATION

All BUNN® products are constructed of the finest materials available and manufactured to high quality standards. High Performance Water Filtration Solutions Systems (excluding water filters and water treatment replacement cartridges) are warranted to be free from manufacturers' defects in materials and workmanship for a period of Five (5) years from date of purchase, under normal use and service, and when installed in accordance with BUNN's recommendations outlined in the filtration systems owner's manual. Service Replacement Parts (cartridges, Filter elements, Feeder elements, etc.) are warranted to be free from manufacturers' defects in materials and workmanship for a period of one (1) year from the date of purchase or the remainder of the original warranty, whichever is longer. Discrete Components (flow restrictors, drain saddles, mounting clips, automatic check valves, etc.) are warranted for a period of Ninety (90) days from the date of purchase.

All defects or warranty claims must be reported to BUNN within the applicable warranty period.

1. This warranty does not cover failures due to improper system installation, defects caused by improper storage or handling prior to placing the equipment into service. This warranty does not include overtime charges or work done by unauthorized service agencies or personnel. This warranty does not cover normal maintenance, calibration, or regular adjustments as specified in operating and maintenance instructions of this manual, and/or labor involved in moving adjacent objects to gain access to the Equipment.
2. BUNN shall not be responsible for any incidental, special or consequential damages, including without limitation, lost profits or the cost of repairing or replacing other property which is damaged if this product does not work properly, other costs resulting from labor charges, delays, vandalism, negligence, fouling caused by foreign material, damage from adverse water conditions, chemical, or any other circumstances over which the BUNN has no control. This warranty shall be invalidated by any abuse, misuse, misapplication, improper installation or improper maintenance or alteration of the product.
3. This warranty does not cover premature plugging, fouling or scaling of cartridges do to unknown or aggressive water conditions.
4. This warranty excludes pre-filter elements, batteries, etc.
5. BUNN reserves the right to make changes in design or add any improvements on any product. The right is always reserved to modify equipment because of factors beyond our control and government regulations. Changes to update equipment do not constitute a warranty charge.
6. If shipment is damaged in transit, the purchaser should make a claim directly upon the carrier. Careful inspection should be made of the shipment as soon as it arrives and visible damage should be noted upon the carrier's documentation. Damage should be reported to the carrier. This damage is not covered under this warranty.
7. **RESPONSIBILITY OF THE CONSUMER:**

The original purchaser-consumer's sole responsibility in the instance of a Warranty claim shall be to notify BUNN of the defect, malfunction, or other manner in which the terms of this Warranty are violated. You may secure performance of obligations hereunder by (in writing).

  - a. Identify the Product involved (by model or serial number or other sufficient description that will allow BUNN to determine which Product is defective).
  - b. Specify where, when and from whom the Product was purchased.
  - c. Describe the nature of the defect, malfunction, or other violation of this Warranty
  - d. Send such notification together with the defective Product to:  

BUNN, Customer Service (217) 529-6601  
5020 Ash Grove Dr., Springfield, IL, 62711

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

THIS WARRANTY IS EXCLUSIVE AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EACH OF WHICH IS HEREBY EXPRESSLY DISCLAIMED. THE REMEDIES DESCRIBED ABOVE ARE EXCLUSIVE AND IN NO EVENT SHALL BUNN BE LIABLE FOR SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR THE BREACH OR DELAY IN PERFORMANCE OF THIS WARRANTY.

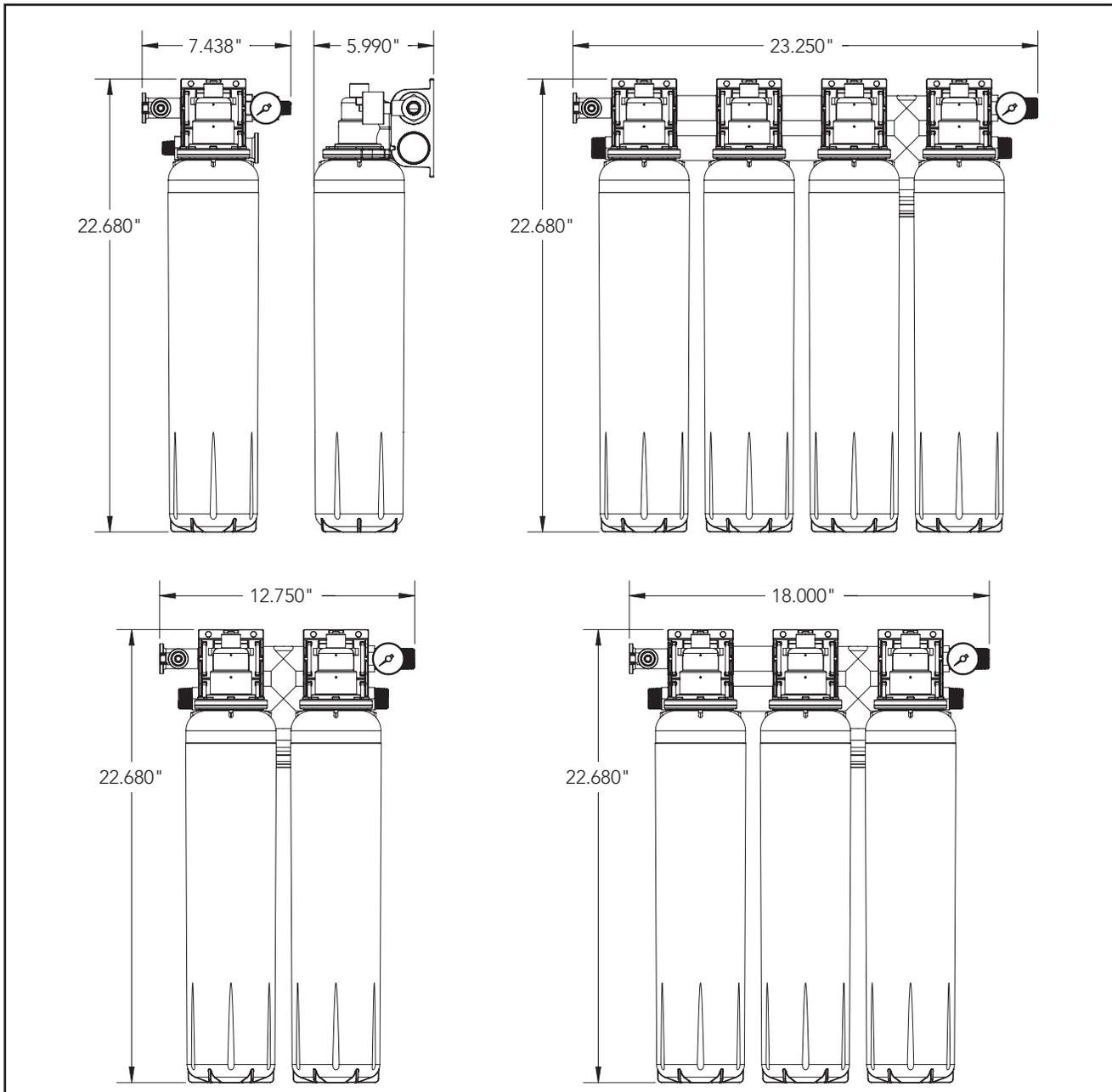
# SYSTEM SPECIFICATIONS

## GENERAL

The WEQ and WQ models were engineered after years of industry research. Each model is available in different configurations to accommodate multiple filtration needs, including flow rates and scale prevention.

Minimum Pressure	20 psi (138 kPa)
Maximum Pressure	125 psi (862 kPa)
Minimum Temperature	40°F (4.4°C)
Maximum Temperature	100°F (38°C)
pH Range	pH 3 to 10

## DIMENSIONS



# CARTRIDGE SPECIFICATIONS & PERFORMANCE DATA

## GENERAL

The cartridges for the WEQ and WQ models are each distinct. WEQ cartridges feature a shorter cartridge interface design with the outlet port on the top of the interface and the inlet port on the body of the interface. WQ cartridges have a flat top with the outlet port and inlet ports on the body of the cartridge interface (Figure 1).

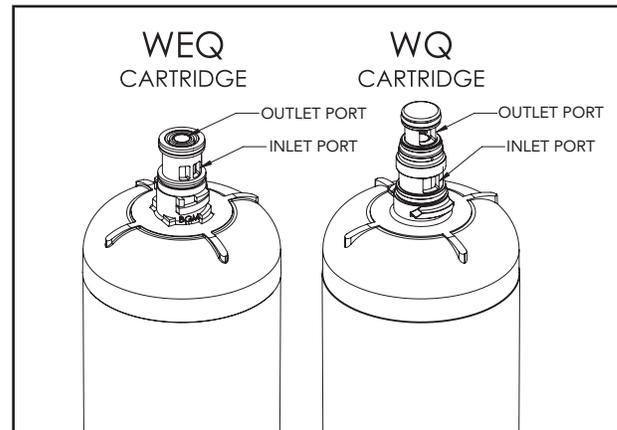


FIGURE 1. CARTRIDGE PORTS/INTERFACES

## WEQ MODELS

Model No.	Micron Rating	Flow Rate (gpm)	Capacity	Std. 42	Std. 53	Scale Reduction
WEQ-18(2).2C	0.2	2.10	18,000	Chloramine	Cyst	No
WEQ-10(1.5)5	5.0	1.50	10,000	Chlorine	No	No
WEQ-10(1.5)5L	5.0	1.50	10,000	Chlorine	No	Yes
WEQ-10.3(1.67)5	5.0	1.67	10,300	Chlorine	No	No
WEQ-10.3(1.67)5L	5.0	1.67	10,300	Chlorine	No	Yes
WEQ-14(1.67)5L	5.0	1.67	14,000	Chlorine	No	Yes
WEQ-14(2)5L	5.0	2.10	14,000	Chlorine	No	Yes
WEQ-20(1.67).5	0.5	1.67	20,000	Chlorine	No	No
WEQ-25(2).2	0.2	2.10	25,000	Chlorine	Cyst	No
WEQ-25(2).2L	0.2	2.10	25,000	Chlorine	Cyst	Yes
WEQ-35(3).2L	0.2	3.00	35,000	Chlorine	Cyst	Yes
WEQ-54(5).2	0.2	5.00	54,000	Chlorine	Cyst	No
WEQ-54(5).2L	0.2	5.00	54,000	Chlorine	Cyst	Yes
WEQ-SCALE-PRO.X	N/A	10.00	6 Months	Mat'l/Structural	No	Yes
WEQ-SFTN1500(1)10	10	1.00	1500 Gr	N/A	No	Yes
WEQ-SFTN3500(1)10	10	1.00	3500 Gr	N/A	No	Yes



This system has been tested according to NSF/ANSI Standard 42 and 53 for reduction of the substances 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 or 53. While testing was performed under standard laboratory conditions, actual performance may vary. NOTE: 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 waters that may contain filterable cyst.

## CARTRIDGE SPECIFICATIONS & PERFORMANCE DATA (CONT.)

### WQ MODELS

Model No.	Micron Rating	Flow Rate (gpm)	Capacity	Std. 42	Std. 53	Scale Reduction
WQ-18(2).2C	0.2	2.00	18,000	Chloramine	Cyst	No
WQ-60(3.5).2CL	0.2	3.50	60,000	Chloramine	Cyst	Yes
WQ-60(3.5).2C	0.2	3.50	60,000	Chloramine	Cyst	No
WQ-55(2)5	5.0	2.10	55,000	Chlorine	No	No
WQ-55(2)5L	5.0	2.10	55,000	Chlorine	No	Yes
WQ-55(3).2	0.2	3.00	55,000	Chlorine	Cyst	No
WQ-55(3).2L	0.2	3.00	55,000	Chlorine	Cyst	Yes
WQ-60(3).2	0.2	3.00	60,000	Chlorine	Cyst	No
WQ-60(3).2L	0.2	3.00	60,000	Chlorine	Cyst	Yes
WQ-60(3)5	5.0	3.00	60,000	Chlorine	No	No
WQ-60(3)5L	5.0	3.00	60,000	Chlorine	No	Yes
WQ-66(15)10S	10.0	15.00	66,000	Chlorine	No	No
WQ-66(15)10SL	10.0	15.00	66,000	Chlorine	No	Yes
WQ-75(5).2	0.2	5.00	75,000	Chlorine	Cyst	No
WQ-75(5).2L	0.2	5.00	75,000	Chlorine	Cyst	Yes
WQ-75(5)5	5.0	5.00	75,000	Chlorine	No	No
WQ-75(5)5L	5.0	5.00	75,000	Chlorine	No	Yes
WQ-265(7.5).2	0.2	7.50	265,000	Chlorine	Cyst	No
WQ-SCALE-PRO.X-150(15)	N/A	15.00	Annual	Mat'l/Structural	No	Yes
WQ-SFTN1000(.5)10 ESP	10.0	0.50	1000 Gr	Mat'l/Structural	No	Yes
WQ-SFTN2500(.5)10	10.0	0.50	2500 Gr	Mat'l/Structural	No	Yes
WQ-SFTN4000(1.5)10TEA	10.0	1.50	4000 Gr	Mat'l/Structural	No	Yes



This system has been tested according to NSF/ANSI Standard 42 and 53 for reduction of the substances 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 or 53. While testing was performed under standard laboratory conditions, actual performance may vary. NOTE: 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 waters that may contain filterable cyst.

## INSTALLATION

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The cutting edge modular technology of this water filtration system allows for full system customization at the installation site. Using the wide range of available fittings and adapters, the system is adaptable to any food-service water filtration application.

To aid with installation, each manifold includes a built-in level indicator to ensure proper installation.

- Read instructions completely before proceeding with the installation.
- Allow a minimum of 6" clearance from base system to allow for cartridge change outs.
- The system may be installed using metal or non-metallic piping systems.
- The mounting hardware used must be selected and installed so that the system is firmly attached to the mounting surface. The system mounting hardware must keep the system from moving during routine service and operation.
- System and installation must comply with applicable state and local regulations.
- Use system on cold water source only.
- System conforms to NSF/ANSI Standard 42 for claims specified on the performance data sheet.
- Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.
- System must be installed in a vertical, upright and level position.
- Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

1. Shut down all equipment downstream of the system installation site and turn off the water supply.
2. Using the mounting holes in the manifold as a guide, mark and drill pilot holes for the mounting bolts.

NOTE: System must be installed in vertical, upright, and level position.

3. Connect incoming cold water line to lower inlet port of the manifold connection.

NOTE: Use Teflon™ tape only. Do not use paste type thread sealant.

4. Connect the upper outlet port to the equipment system line.

NOTE: Remove all plastic wrapping and dust caps prior to filter installation.

5. Write the date the filter was installed in the designated box on the filter canister.
6. Install the filters into the manifold by inserting them into the manifold head and swiftly turning a quarter turn to the right (clockwise) until they are fully seated.
7. For systems equipped with a flush valve, connect the ¼" black tubing into the ball valve on the manifold by pushing the tubing firmly into the quick connect fitting until seated. This valve is used to flush and de-pressurize the system; so proximity to a drain or a bench to hold a bucket is recommended.

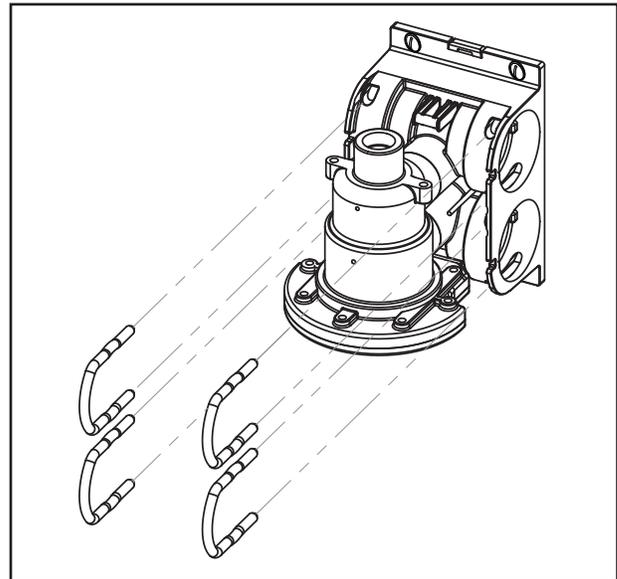
NOTE: The flush line should NOT be hard plumbed into the drain.

## INSTALLATION (CONTINUED)

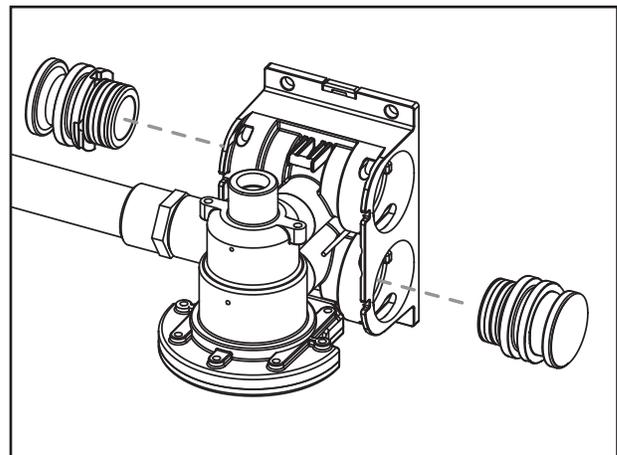
### MODULAR DESIGN

The design allows for adaptation to any application using multiple manifold assemblies and a large variety of fittings and adapters.

1. Determine system mounting location and mark water pipe section to be removed. Carefully cut and remove the piping.
2. Install the appropriate adapter (not included) on to the inlet section of water pipe to mate with system inlet fitting.
3. Connect system inlet fitting to adapter on inlet section of the water pipe. Use Teflon™ tape on threaded connection.
4. Slide the manifold assembly on the system fitting. Slightly rotate the fitting for the key to line up with the manifold and lock in.
5. Secure the fitting and manifold assembly together by installing the yellow U Clips in the slots (Figure 2).
6. With the manifold assembly in level position, mark four mounting holes on the wall at each corner of the manifold.
7. Remove the manifold assembly from the fitting and drill four pilot holes for the mounting bolts.
8. Re-attach manifold assembly to fitting and install yellow U Clips to secure in place.
9. Fasten the manifold assembly to the wall using four bolts (not included).
10. Install plug fittings on the top left and bottom right of the manifold assembly, using two yellow U Clips to lock them in place (Figure 3).
11. Install outlet fitting to top right of the manifold assembly (gauge optional) and secure with a yellow U Clip.



**FIGURE 2. SECURE MANIFOLD**



**FIGURE 3. INSTALL PLUG FITTINGS**

12. Using appropriate adapters (not included), connect the manifold outlet to water pipe.
13. With the cartridge label facing slightly to the left, insert the cartridge into the head assembly and turn to the right quarter turn until fully seated.

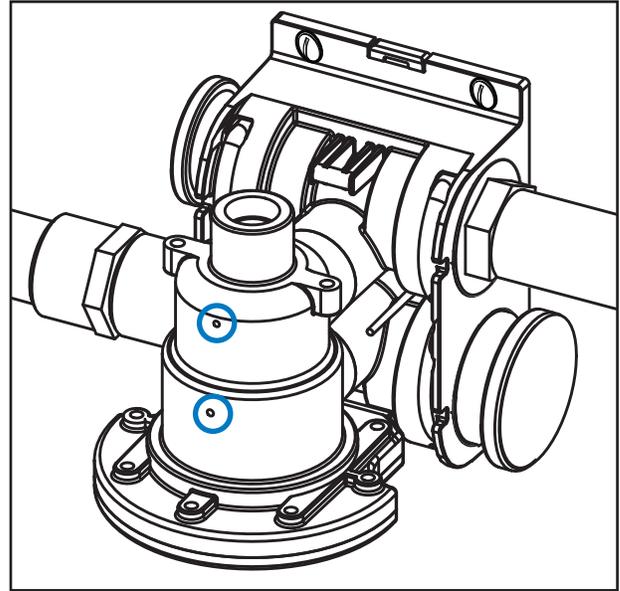
## INSTALLATION (CONTINUED)

### SYSTEM STARTUP

1. Check all connections to make sure they are secure, including all U Clips at each fitting on the manifold assembly.
2. Open the flush ball-valve on the filtration system ensuring the drain tubing is directed to a drain or a container.
3. Turn on the water supply to the system.
4. Flush the cartridge(s) by running water for five minutes through the system. This will purge any trapped air and fines.

NOTE: The WQ model is equipped with unique patented Filter Integrity Ports, which can indicate if there is an issue with the cartridge. For more information about the Filter Integrity Ports, refer to the Maintenance section of this manual. During the initial startup of the system, a slight amount of water may weep out of the ports (Figure 4). This is typical during system pressurization phase.

5. Close the flush ball-valve and turn on power to equipment.
6. Check for leaks.



**FIGURE 4. FILTER INTEGRITY PORTS**

## MAINTENANCE

Routine maintenance of this system involves periodic filter changes. The manufacturer recommends regularly scheduled maintenance and replacement of filter cartridge(s) in order to ensure optimum performance of the filtration system and equipment that it services.

Filter cartridges shall be replaced when noted capacity is reached or when low pressure is indicated on the manifold outlet pressure gauge, whichever occurs first. Depending on local water quality, you may need to change the cartridges prior to the recommended change-out. The loss of flow to carbonators or improper fill at the ice maker are also indicators that the cartridges will need to be replaced. The manufacturer shall not be liable for equipment failure due to improper maintenance of filtration system.

Check performance data sheet or cartridge label for specific performance information.

### REMOVING A CARTRIDGE

1. Shut off the water supply to the system.
2. Holding the cartridge with both hands, swiftly rotate the cartridge quarter turn to the left until disengaged (Figure 5).
3. Discard old cartridge

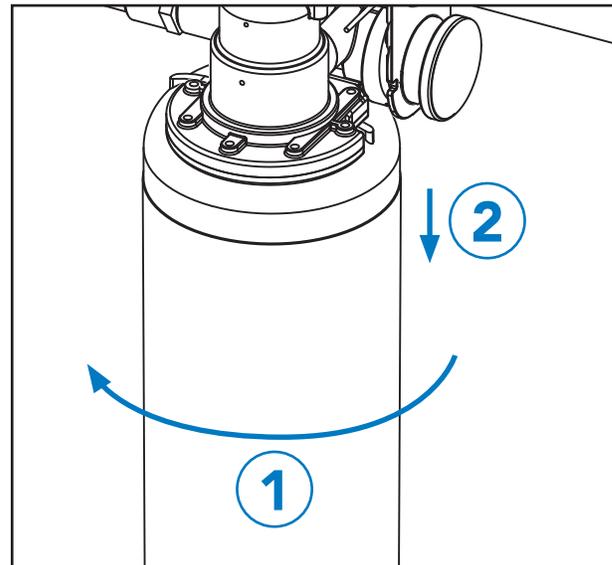
### INSTALLING A CARTRIDGE

1. Install the filter into the manifold by inserting it into the manifold head and swiftly turning it quarter turn to the right (clockwise) until it fully seated (Figure 6).

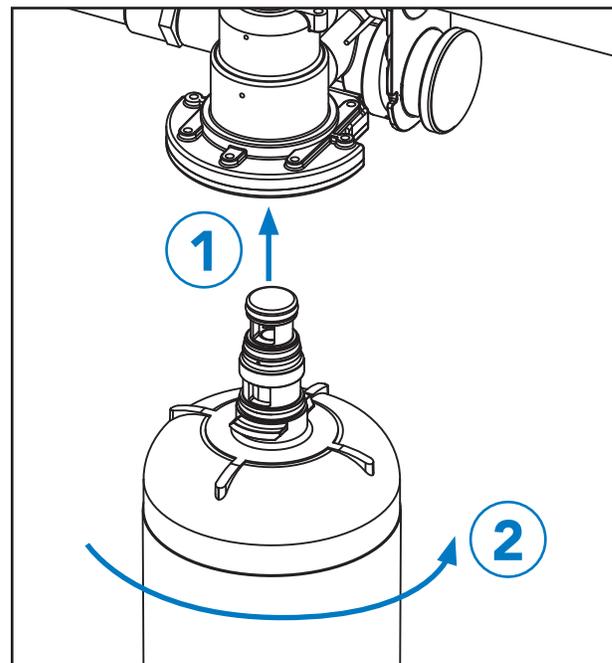
NOTE: Remove all plastic wrapping and dust caps prior to filter installation.

2. Write the date the filter was installed in the designated box on the filter canister.
3. Turn on the water supply to the system.

NOTE: A small amount of water may weep out of the Filter Integrity Ports while the filtration system pressurizes.



**FIGURE 5. REMOVING CARTRIDGE**



**FIGURE 6. INSTALLING CARTRIDGE**

4. Check the system for leaks.
5. Flush the cartridge(s) by running water for five minutes through the system. This will purge any trapped air and fines from the system.

## FILTER INTEGRITY PORTS

### OVERVIEW

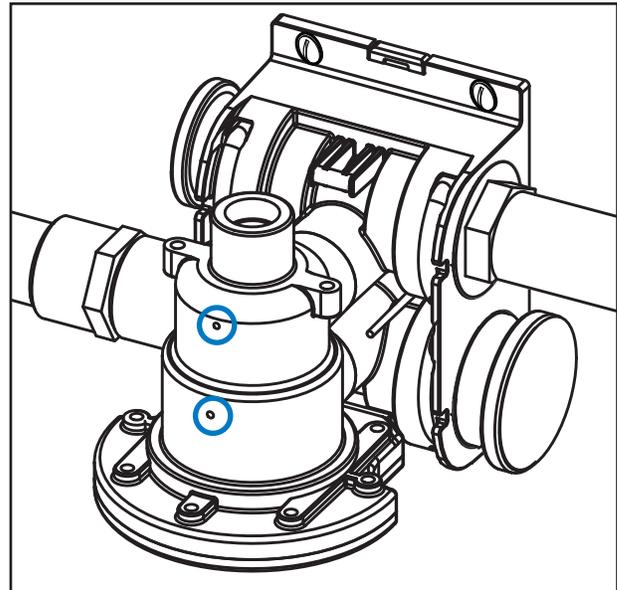
The WQ model is equipped with unique patented Filter Integrity Ports, which can indicate if there is an issue with the cartridge. If there is an issue with the cartridge, water will slowly but continuously weep out of one of the two ports.

### UPPER PORT

If water weeps out of the Upper Port, there is a possible failure with the cartridge's O-Ring. Inspect and replace the O-Ring as needed.

### LOWER PORT

If water weeps out of the Lower Port, there is a possible internal failure with the cartridge. For example, if a cartridge suffers carbon block damage during transit or handling, a small amount of water will slowly but continuously weep out of the Lower Port on the head assembly. In this case, a new cartridge must be installed.

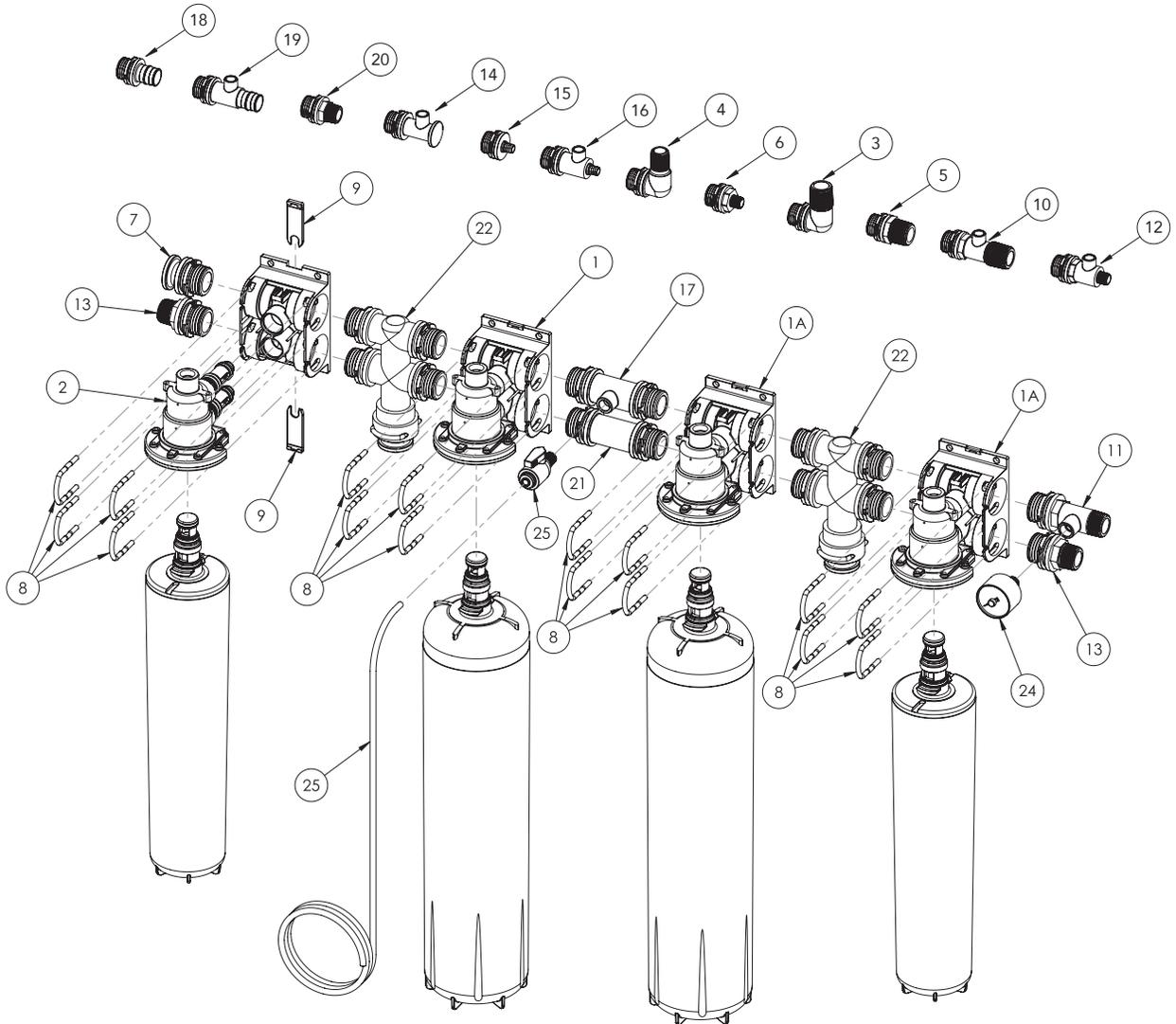


**FIGURE 7. FILTER INTEGRITY PORT**

## TROUBLESHOOTING

Problem	Cause	Corrective Action
No water comes out of the water filter system.	Filter(s) are plugged.	Replace filter(s).
	Vapor-lock.	Rinse system.
Low flow from the water filter system.	Partially plugged filter(s).	Replace filter(s).
	Barrel valve partially closed.	Rotate filter to fully open position.
Water has carbon fines.	All carbon filters have carbon fines on startup.	Rinse system.
Filter leaks from filter interface.	O-Ring is out of position in gland.	Inspect O-Ring and set in gland.
	Nicked or cut O-Ring(s) on filter.	Replace O-Ring or filter.
	Missing O-Ring(s)	Install O-Ring(s).
Water comes out of the upper Filter Integrity Port (WQ only).	O-Ring is out of position in gland.	Inspect O-Ring and set in gland.
	Nicked or cut O-Ring(s) on filter.	Replace O-Ring or filter.
	Missing O-Ring(s).	Install O-Ring(s).
Water comes out of the lower Filter Integrity Port (WQ only).	Cracked carbon block.	Replace filter(s).
Water tastes bad.	Cracked carbon block (bypass).	Replace filter(s).
	Nicked or cut O-Ring(s) on filter.	Inspect O-Ring and set in gland.
	Pre-filter/scale cartridges are in parallel.	Change pre/post cartridges to series.
	Biological growth in plumbing.	Sanitize plumbing and/or system.
Water leaks from fittings.	O-Ring is out of position in gland.	Inspect O-Ring and set in gland.
	Nicked or cut O-Ring(s) on fitting.	Replace O-Ring or filter.
	Missing O-Ring(s).	Install O-Ring(s).
Water leaks from back of manifold/wall.	O-Ring is out of position in gland.	Inspect O-Ring and set in gland.
	Nicked or cut O-Ring(s) on fitting.	Replace O-Ring or filter.
	Missing O-Ring(s).	Install O-Ring(s).
Water leaks from barrel valve.	Improper the assembly of barrel valve sub-assembly.	Replace the barrel valve sub-assembly.
Pressure gauge indicates 0 psi.	Water is turned off.	Turn water on.
	Pressure gauge has failed.	Replace pressure gauge.
Rinse valve is leaking.	Open/close lever not closed.	Close open/close lever all the way.
	Rinse valve failure.	Replace rinse valve.

# EXPLODED VIEW



See next page for complete parts list.

## EXPLODED VIEW DESCRIPTION

	Description	BUNN Part #	Quantity Per
1a	MANIFOLD ASSY, WQ HEAD & CLIPS	56000.0404	4
1b	MANIFOLD ASSY, WEQ HEAD & CLIPS	56000.0405	4
2a	HEAD ASSY, WQ	56000.0406	1
2b	HEAD ASSY, WEQ	56000.0407	1
3	ELBOW, 1" MNPT	56000.0408	8
4	ELBOW, 3/4" MNPT	56000.0409	8
5	CONNECTOR, 1" MNPT	56000.0410	8
6	CONNECTOR, 3/8" MNPT	56000.0411	8
7	PLUG, END	56000.0412	8
8	CLIPS, U BLUE	56000.0413	40
9	CLIPS, REAR BLUE	56000.0414	20
10	CONNECTOR, 1" MNPT W/PR PORT	56000.0415	8
11	CONNECTOR, 3/4" MNPT W/PR PORT	56000.0416	8
12	CONNECTOR, 3/8" MNPT W/PR PORT	56000.0417	8
13	CONNECTOR, 3/4" MNPT	56000.0418	8
14	PLUG END W/PR	56000.0419	8
15	FITTING, 1/2" BARBED	56000.0420	8
16	FITTING, 1/2" BARBED W/PR PORT	56000.0421	8
17	FITTING, UNION W/PR PORT	56000.0422	8
18	FITTING, 1" PEX 8 PER	56000.0423	8
19	FITTING, 1" PEX W/PR PORT	56000.0424	8
20	FITTING, 3/4" BSPP	56000.0425	8
21	FITTING, UNION	56000.0426	8
22	FITTING, SERIAL PORT	56000.0427	4
24	GAUGE, WATER FILTER WEQ/WQ	56000.0400	6
25	VALVE, 1/4" MNPT RINSE	56000.0428	6







CORPORATE HEADQUARTERS

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