



pro
series



Installation and Operation Guide

High-Flow Pro Series Systems

Installation must comply with state and local laws.

Warnings

- Please read and understand entire manual before attempting to assemble, operate and install filtration system. Installation must be in compliance with state and local laws.
- **Risk of leaks**, which can lead to flooding, increases if system is not installed according to the installation instructions included in this manual.
- It is recommended that the system be installed by an approved or certified professional.

Do not use with water that is microbiologically unsafe or of unknown water quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.

What's in the box

- Manifold** (1) (size will vary based on number of stages)
- Gauges** with stainless steel collar reinforcements (2) (only one (1) gauge with collar reinforcement needed for single and 2-stage systems)
- T-adapter** (1)
- Plug** (1)
- Drain shutoff valve** (1)
- Cartridges** (will vary based on system type and number of stages)
- 2cc pack of **lubricant** (1) (not shown)



Items needed for installation

- Variable speed drill
- Adjustable wrench
- Drill bits
- Measuring tape
- Wall anchors
- Bucket

You may also need

- Teflon® tape
- Pipe dope
- Copper tubing
- Propane torch
- Solder
- Level



Long-lasting, high performance water filtration for great tasting, healthy water throughout your entire establishment.



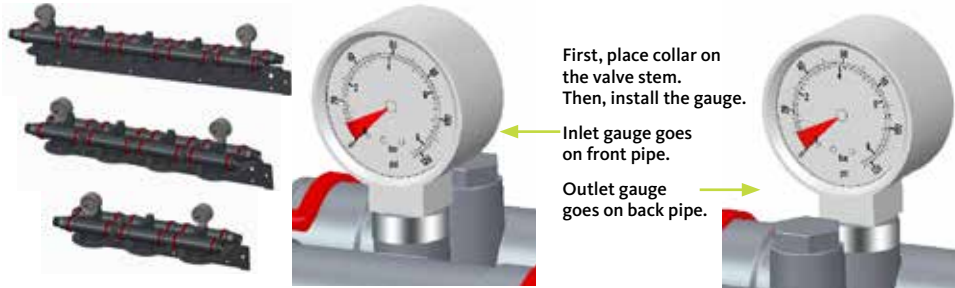
Installation

1. SELECT A MOUNTING LOCATION

- Manifold should be mounted directly to a flat surface ensuring cartridge[s] have enough space to hang vertically
- Mounting location should allow for a minimum clearance of 2½ inches for easy cartridge removal and replacement
- Provide adequate space on both sides for plumbing installation and system flushing

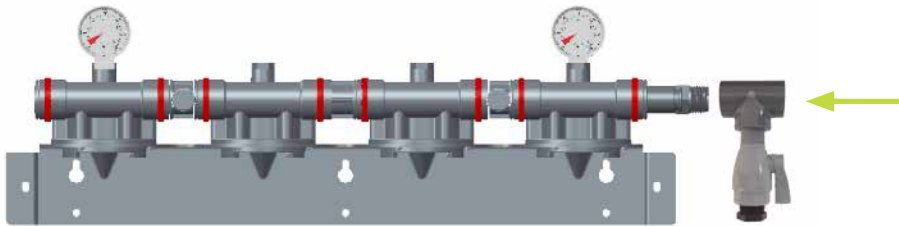
2. INSTALL GAUGES

- Systems with 3 or more stages will have two gauges: one at the inlet port and one at the outlet port
- Single and 2-stage systems will have one gauge at outlet port only
- Attach stainless steel collar reinforcement over valve stem, then install gauge to system
Collar reinforcement must be used; otherwise, system may be damaged



3. INSTALL T-ADAPTER AND DRAIN SHUTOFF VALVE ONTO OUTLET PORT (¼" NPT)

- Use Teflon® tape around threads of outlet port



4. INSTALL MANIFOLD ONTO WALL

- Use a level and predrilled mounting holes in the manifold bracket as guides
- Align, mark, and drill anchor holes
- Ensure manifold is level and mounted securely

CAUTION!
DO NOT
OVER-TIGHTEN
gauges or
connections

5. SHUT OFF WATER SUPPLY AND PLUMB INLET AND OUTLET PORTS (¼" NPT)

- Connect inlet and outlet ports to your water supply
- Use an industry approved pipe dope or Teflon® tape at all connections
- Use correct sized wrench (*not channel locks*) on all pipe fittings to avoid undue stress on system components. Do not over tighten
- Be cautious when sweating joints so no damage occurs to elastomeric components

We recommend installing your Pro Series System with a bypass line so water may be diverted around the filtration system, if needed. Having a bypass line in place allows your operation to still function should any issues be experienced with the filtration system

6. IF USING A COMBO SYSTEM, PLUMB TO CARBONATED BEVERAGE CENTER

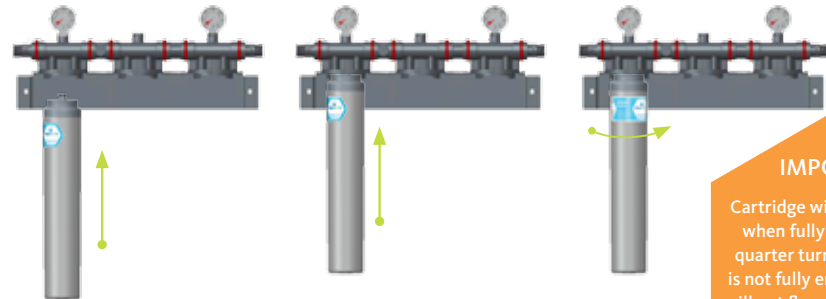
- Plumb dedicated line from outlet port of H-adapter (*located on manifold*) directly to carbonated beverage center



7. INSTALL CARTRIDGES

- Match color label on manifold to color label on cartridge[s]
- Align connection points on top of cartridge to bottom of corresponding place on manifold
- Push cartridge up and turn to the right to lock in cartridge
- Repeat for all cartridges included with your system

For specific cartridge sequencing of your system, please visit: pro.aquasana.com/sequence



IMPORTANT:
Cartridge will 'lock' into place when fully engaged after a quarter turn. If the cartridge is not fully engaged, the water will not flow freely through the system and leaking may occur.

8. SYSTEM CHECK AND FLUSH

- Check all connections and proceed to turn on water supply
- Check each connection for leaks once system is pressurized
- Open flushing valve to flush the cartridge[s] by running water through at full force for approximately 5 minutes. This process purges the system of air and any fines, ensuring maximum filter life and high performing water from the start
- After flushing, system is ready for use and operation

Cartridge Sequencing

Aquasana Pro Series systems are designed to fit your specific water filtration needs and usage requirements. Below is a general guide to the sequencing of your filtration cartridges. (*Your system may not use all cartridges shown here.*) If you have any questions at all, please do not hesitate to contact our support team at 855.245.1884 or support.proseries@aquasana.com.

Sediment cartridge is always in the first position

Chloramines/Multi-Use/Ice cartridges always go after the sediment cartridge

Scale cartridge is always in the final position

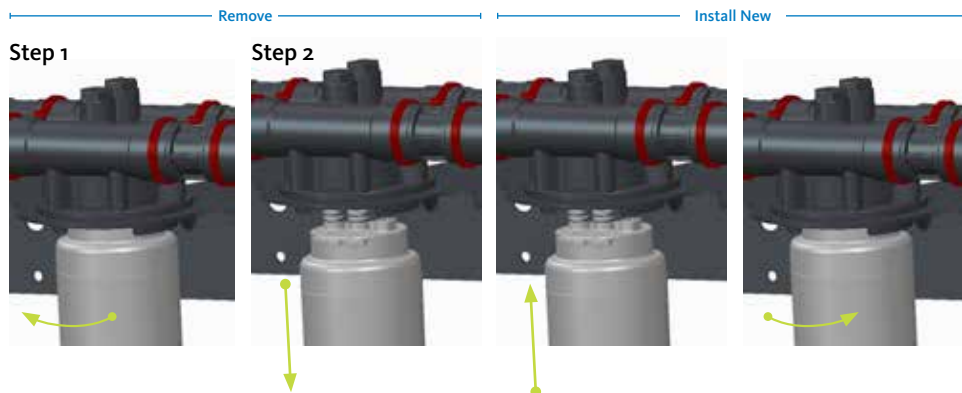


For specific sequencing information, please visit: pro.aquasana.com/sequence

Filter Change Instructions

Manufacturer recommends changing cartridges every six months or when pressure on outlet gauge drops below 10 PSI. It is recommended all cartridges be replaced at the same time.

1. Remove cartridge by twisting to the left
2. Pull cartridge directly down to remove from manifold
3. See Step 7 for new cartridge install instructions



Troubleshooting Guide

Symptom	Cause	Action
Flow/Pressure		
Too Low	Incoming water valve not completely open	Open incoming water valve to full open
Too Low	Clogged filter cartridge	Replace filter cartridges
Too Low	Defective pressure gauge	Remove and replace pressure gauge using Teflon® tape
Leaking		
Cartridge	Defective or damaged cartridge O-ring	Remove and replace cartridge O-rings or replace filter cartridge
Manifold	Defective or damaged manifold O-ring	Disassemble manifold and remove and replace manifold O-rings
	Defective or broken retaining clip (red)	Remove and replace clip
	Defective or damaged manifold rotator	Disassemble manifold from bracket and replace with a new manifold head
Gauge	Gauge not installed properly	Remove gauge, apply Teflon® tape and reinstall
	Defective or damaged gauge	Remove and replace pressure gauge (use Teflon® tape)
Taste of water or beverages		
Bitter tasting water	System not flushed properly	Flush system utilizing flush drain at exit port of system manifold
Low carbonation	System not installed/plumbed properly	Correct plumbing so that carbonated beverage center receives
Filter system growing scale		
	Scale reduction cartridge has reached capacity	Remove and replace scale reduction cartridge

Pure Satisfaction

All Aquasana products offer a 90-day 100% money-back guarantee. (*A one-year warranty is included, which covers defects in materials and workmanship.*) If for any reason you are not satisfied with your purchase, simply call us or the dealer from whom you purchased for a Return Authorization Code, and a full refund will be promptly issued upon return. Thank you for choosing Aquasana!

This filter system is designed and tested for use with genuine Aquasana parts including replacement filters and all hardware. Use of parts from other manufacturers may result in loss of contaminant reduction performance, system damage or failure. Use of parts from other manufacturers will also void your warranty. Please visit your distributor or contact us at aquasana.com or 855.245.1884 for replacement parts.



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