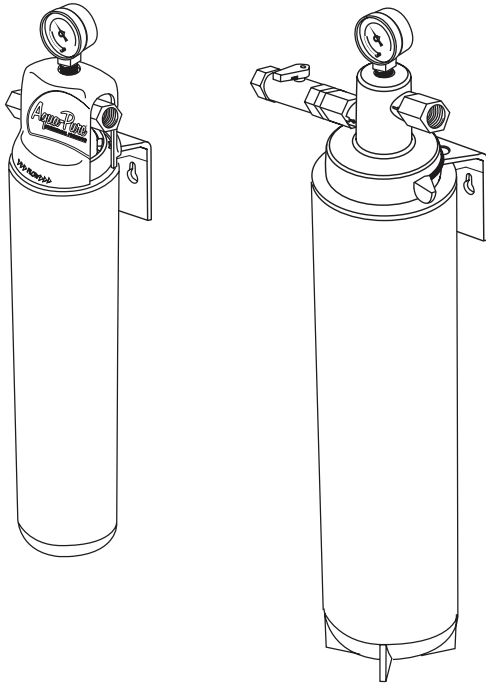




Installation Manual

for Single Cartridge Systems



INTRODUCTION

Thank you for purchasing the Aqua-Pure® commercial water filtration system. Our Aqua-Pure product line was developed to provide you with the highest Recipe Quality Water® for targeted foodservice applications. The NSF seal on these products is recognized worldwide as a sign that the product to which it is affixed meets material safety requirements.

NOTE: This instruction manual is used for all 4 styles of single cartridge systems. Some of the models come with a shroud and gauge and some do not.

IMPORTANT: SAFETY

Always follow these safety precautions when installing and operating the water filter systems. CUNO shall not be liable for system failures due to improper installation.

IMPORTANT: 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.

DO NOT use a torch or other high temperature sources near filter or cartridge.

DO NOT install on line pressure above 125 psi (862 kPa).

CAUTION: To reduce the risks associated with water leakage, which, if not avoided, may result in property damage — check with your plumbing professional to verify that water pressure is less than 125 psi.

DO NOT install on hot water line. Maximum temperature allowed is 100°F (38°C).

DO NOT install in direct sunlight.

DO NOT reverse connections. The system must be installed with the inlet and outlets as labeled.

DO NOT install filter system in locations where it can be damaged by other freestanding equipment.

Protect from freezing.

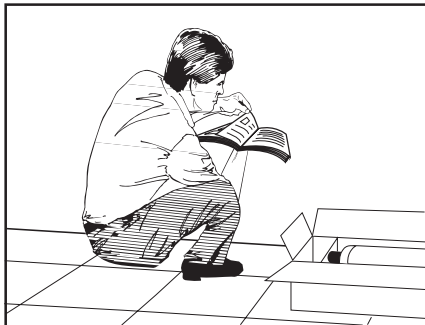
INSTALLATION must comply with existing state or local plumbing codes.

All metric conversions are approximate.

5 YEAR WARRANTY

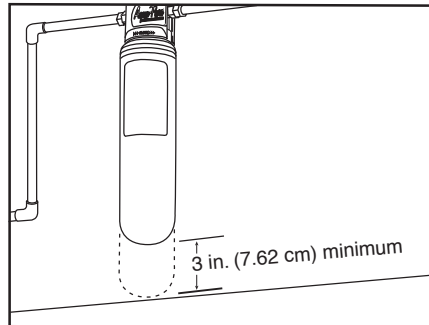
CUNO Incorporated warrants that this product is free from defects in materials and workmanship. This warranty, together with any and all warranties implied by law, shall be limited to a period of five (5) years from the date of original purchase. This warranty does not apply to failures that result from abuse, misuse, alteration or damage not caused by CUNO or failure to properly comply with these installation or cartridge change-out instructions. This warranty is subject to exclusions and limitations. Please refer to the Warranty Card provided with the product for details.

INSTALLATION



STEP 1

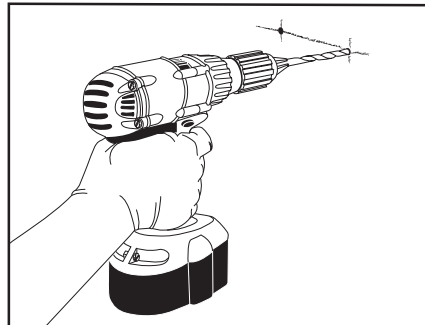
Remove system from the package and check parts list (page 17).
NOTE: Be sure inlet water supply is turned off before installing.



STEP 2

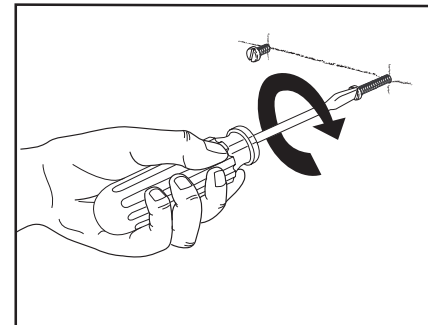
Select the installation location. **IMPORTANT:** Allow a minimum of 3" of space below cartridge for changeouts.

INSTALLATION



STEP 6

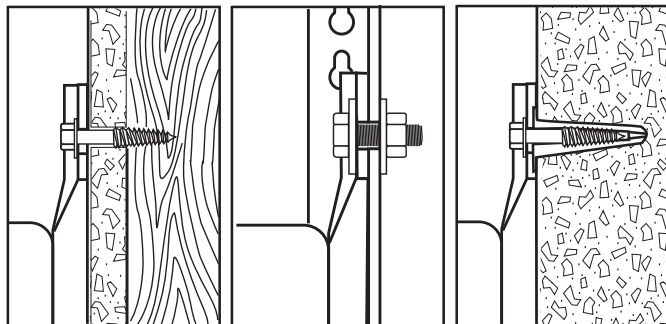
Drill holes for the fasteners.



STEP 7

Allow 1/4" - 3/8" (6 - 10 mm) of each fastener to protrude from the surface.

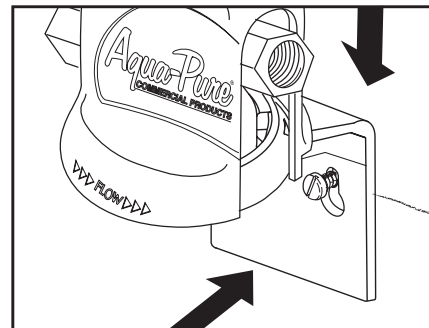
INSTALLATION



STEP 3

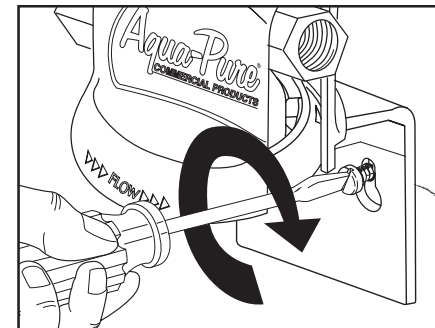
Select fasteners (not included) and tools appropriate for the installation location (wood beam, concrete, etc.).
WARNING: The location and fasteners must support the weight of the system when full of water.

INSTALLATION



STEP 8

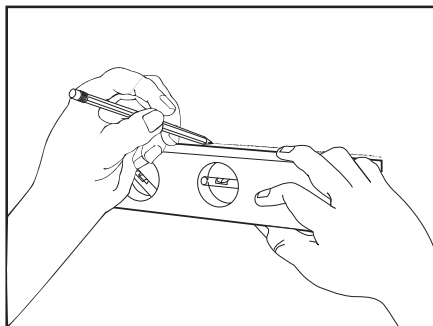
Install the head and bracket onto fasteners.



STEP 9

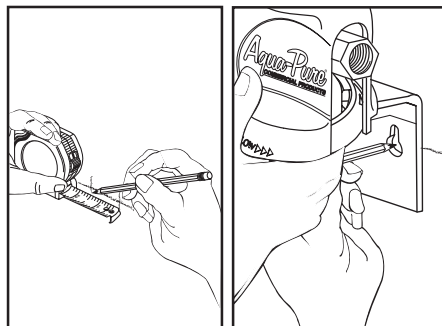
Tighten fasteners.

INSTALLATION



STEP 4

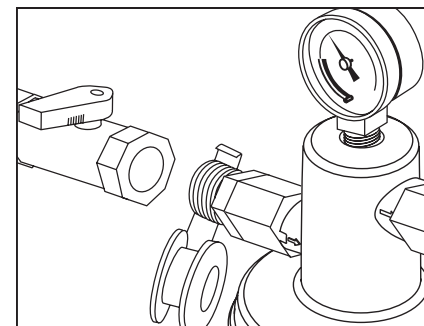
Draw a line using a level on the mounting surface.



STEP 5

Mark the locations for the fasteners either by measuring the distance between the bracket holes or using the bracket itself.

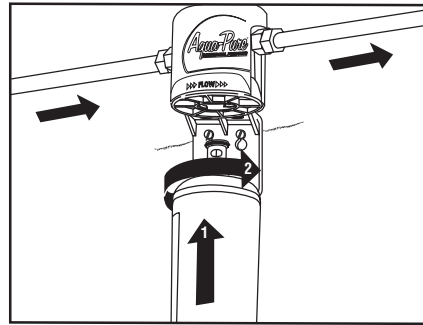
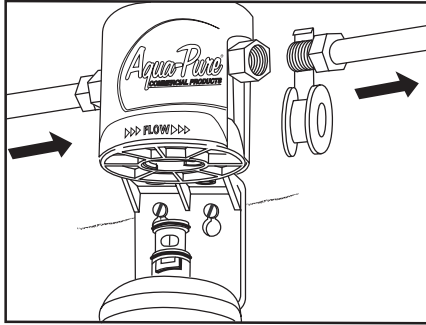
INSTALLATION



STEP 10 For NPT style connections only (BEV160/BEV165/BEV190/BEV195/ICE160-S/ICE165-S/ICE190-S/ICE195-S)

Wrap male threads on nipple with PTFE tape (not included) and install into the inlet side of head (left). Install ball valve to nipple.
IMPORTANT: Hexagonal sockets on the head do not rotate.

INSTALLATION



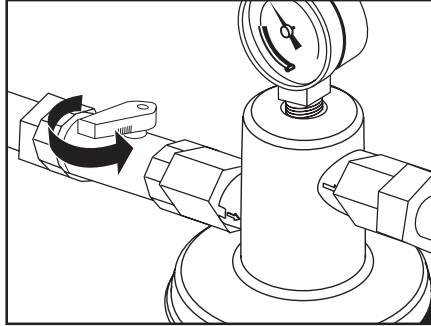
STEP 11

Install inlet (left) and outlet (right) piping. Be sure to use PTFE tape. **IMPORTANT:** Hexagonal sockets on the head do not rotate. **DO NOT OVER TIGHTEN.**

STEP 12

Remove sanitary cap from cartridge. Install cartridge with a quarter turn to the right until cartridge comes to a complete stop. (A "click" is heard with the BEV160/BEV190/ICE160-S/ICE190-S Series).

INSTALLATION

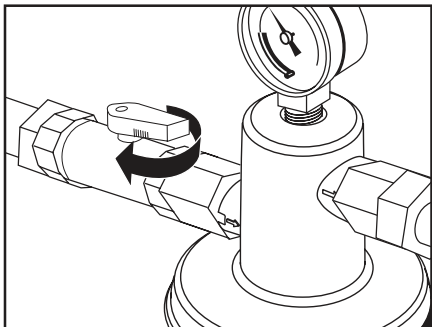


STEP 13 (for BEV160/BEV165/BEV190/BEV195/ICE160-S/ICE165-S/ICE190-S/ICE195-S only)

Slowly turn on inlet water supply. Be sure ball valve is in the "ON" position.

NOTE: Check system for leaks.

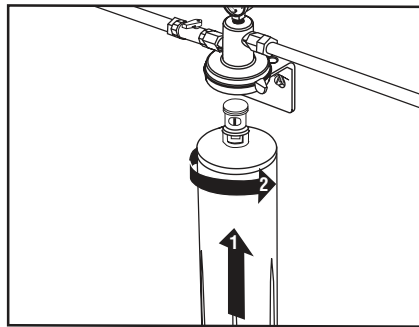
CARTRIDGE CHANGE-OUT BEV160/BEV165/BEV190/BEV195/ICE160-S/ICE165-S/ICE190-S/ICE195-S



STEP 1

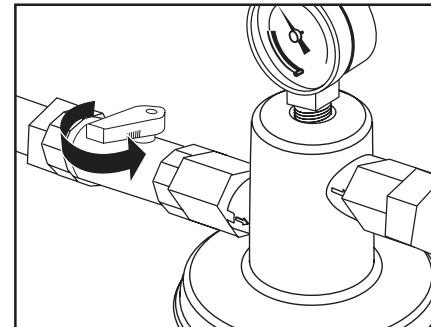
Turn ball valve to the “OFF” position. Open water line down stream to depressurize system.

CARTRIDGE CHANGE-OUT BEV160/BEV165/BEV190/BEV195/ICE160-S/ICE165-S/ICE190-S/ICE195-S



STEP 4

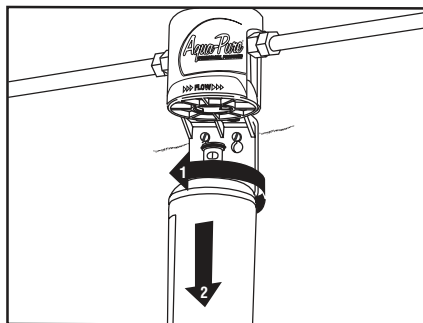
Remove sanitary cap from new cartridge. Push cartridge into head and turn to the right until the locking button clicks.



STEP 5

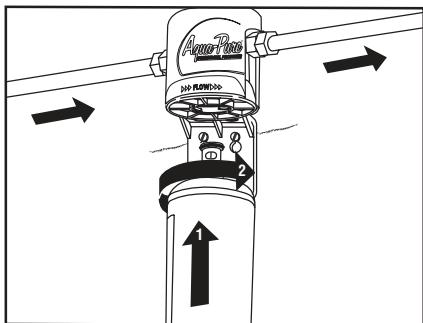
Turn ball valve to the “ON” position. Flush per the performance data sheet. System is now ready for use.

CARTRIDGE CHANGE-OUT BEV130/BEV140 Series, ICE120-S/ICE140-S Series, BREW100-MS Series, ESP100 Series, SGP100 Series



STEP 1

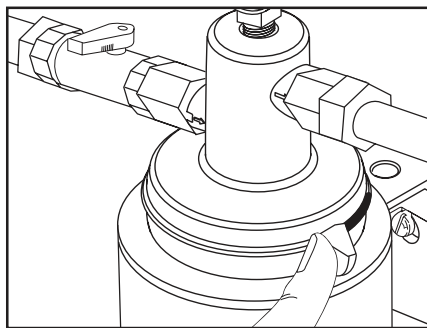
CAUTION: Cartridge is heavy when full of water. Rotate cartridge a quarter turn to the left and pull down. Inlet water will automatically turn off.



STEP 2

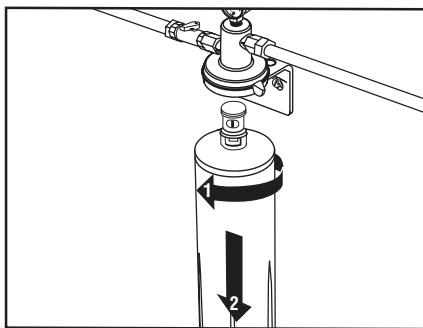
Remove sanitary cap from cartridge. Install cartridge with a quarter turn to the right until cartridge comes to a complete stop. Inlet water will automatically turn on. Flush per the performance data sheet. System is now ready for use.

CARTRIDGE CHANGE-OUT BEV160/BEV165/BEV190/BEV195/ICE160-S/ICE165-S/ICE190-S/ICE195-S



STEP 2

CAUTION: Cartridge is heavy when full of water. Push the red tab to release cartridge locking mechanism while simultaneously rotating cartridge slightly to the left.



STEP 3

Using both hands and holding cartridge from the bottom, rotate the cartridge a quarter turn to the left, and gently pull down. **CAUTION:** A small amount of water will drain from head as cartridge is removed.