

Aqua-Pure®

WATER PURIFIERS

AP801/802 heavy duty water filter housing

Installation and operating instructions

WARRANTY CONDITIONS

The Aqua-Pure 801 and 802 heavy duty water filter housings are designed to operate at a maximum pressure of 900kPa (130psi) and at a maximum temperature of 40°C. Aqua-Pure warrants these housings to be free from defects in material and workmanship for a period of three years from the date of purchase. (Warranty period excludes cartridges which are consumable). This warranty is expressly limited to the repair or replacement at our premises of any part or parts proving defective providing the housings have been installed in accordance with our Installation Instructions, all relevant Plumbing Codes, the installation of an approved Pressure Limiting Device, Dual Check Prevention Valve and Isolation Valve preceding the purifier and the pressure and temperature do not exceed the limits stated herein. This Warranty does not extend to mechanical damage. Save insofar as they may be excluded by law, this warranty is given in lieu of all other expressed or implied warranties or conditions and Aqua-Pure shall in no event be held liable for damages or delays caused by defects and assumes no responsibility for unauthorised repairs.

Aqua-Pure®

WATER PURIFIERS

CUNO Pacific Pty Ltd.

CUNOCare  **1300 FILTER**
3 4 5 8 3 7



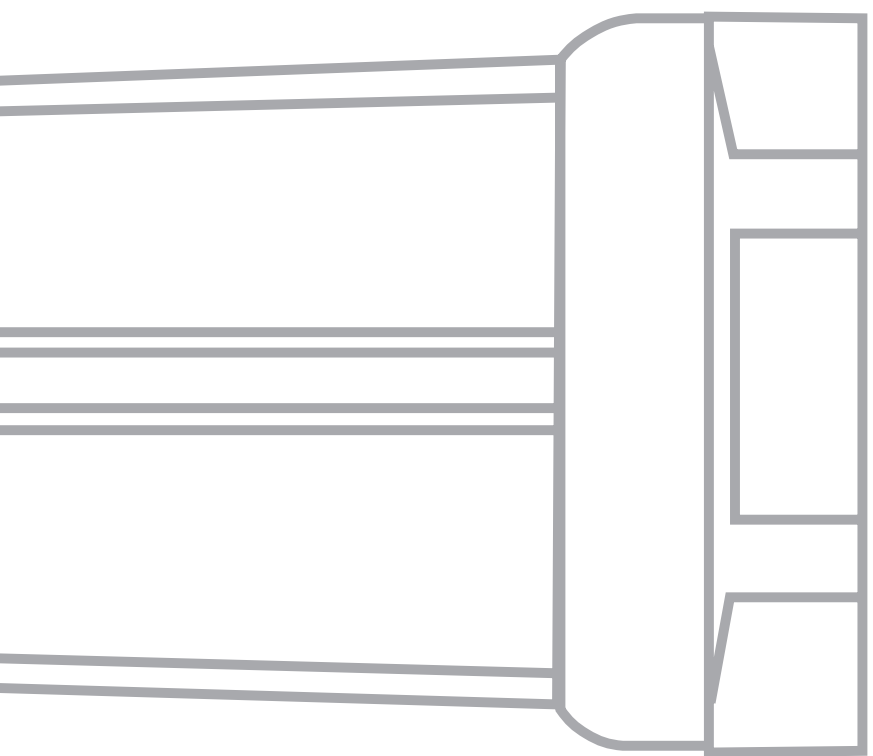
3M cunoau@mmm.com  **1800 671 599**
www.cuno.com.au

NEW ZEALAND: 3M New Zealand Ltd

Phone: 09 444 4760 Fax: 09 444 2773

email: innovation@nz.mmm.com web: www.3m.com/nz

AK200057102 (081)



Water filter housing installation instructions and warnings

Please read carefully and retain for future reference.

1. For correct operation of this appliance, it is essential to strictly observe these installation and operating instructions.

Note: This water filter housing should only be used on water that is microbiologically safe. This is water that has been adequately chlorinated or disinfected for bacteria protection, either before or after this water filter housing. To use on microbiologically unsafe water, or water of unknown quality, additional equipment will be required, such as a chlorine injection system or an ultra violet steriliser.

For technical assistance and product support, contact

CUNOCARE 1300 FILTER

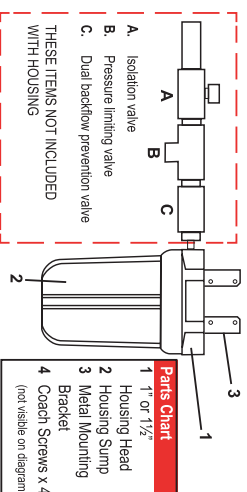
2. Installation must comply with any existing state or local plumbing codes. Some plumbing codes require the installation of this water filter housing to be carried out by a licensed plumber.
 3. This water filter housing has either 1" or 1 1/2" (as ordered) BSP tapered threads, to ensure proper sealing. Only use plumbing fittings with BSP tapered threads complying with AS/NZ Standard 1722-1. The use of plumbing fittings with parallel or straight threads will damage the water filter housing head and void any relevant warranty claim.
 4. For COLD water use only - Maximum temperature 40°C, Minimum temperature 4°C.
 5. For internal and external use – Protect from freezing and direct sunlight.
 6. The inlet water pressure to this water filter housing must not exceed 900kPa (130psi).
- A certified pressure limiting valve not exceeding 600kPa (87psi), dual check backflow prevention valve and isolation valve must be provided on the inlet line immediately preceding this Water Filter Housing. (See installation drawing on this page for more information).
- Where water hammer problems pre-exist, a water hammer protection device must be installed. Symptoms of water hammer can be noisy, shuddering and banging pipes when water consuming appliances are operating or taps are turned OFF.
7. Should water not flow through this water filter housing for periods of 2 days or more, flush 5 -10 litres of water through the system before consuming the water.
 8. To ensure a high level of performance and protection provided by this water filter housing, only use Aqua-Pure replacement cartridges that have a maximum cartridge life of 6 months or as required.

Note: The life and performance of cartridges may vary, depending on volume and quality of incoming water supply being filtered. An indication that your cartridges may need replacing is reduced volume or flow, or return of taste and/or odour to filtered water.

Installation instructions

Important Information – Please read carefully.

- Where thread sealing is required, only use thread tape. Do not use sealing compounds or hemp wicking.
- Do not use a heat torch near the plastic housing. All sweated joints should be made prior to assembling piping to the water filter housing head.
- This water filter housing, head and sump are designed to seal by hand tightening. Do not use a wrench or over tighten.



1. Unpack water filter housing and identify all components as outlined in the parts chart above.
2. This water filter housing must be mounted vertically. Check that it fits comfortably into the location you have selected and ensure necessary cold water connections are available to install for the filtration method required.
3. Screw the mounting bracket (3) to the water filter housing head (1), with the 4 coach screws (4) provided. Ensure the bracket is affixed to allow for appropriate mounting and correct direction of water flow.
4. Mount the water filter housing in the selected location and ensure water flow through the water filter housing corresponds with inlet and outlet water flow direction. Allow approximately 40mm clearance under the water filter housing for removal of sump to change cartridge.
5. Turn water supply OFF to pipe line where water filter housing is to be installed. Ensure water supply is OFF before proceeding with installation.

Warning: If this water filter housing is being installed in metal water pipe, care must be taken not to receive an ELECTRIC SHOCK. Metal water pipes are often used to earth or ground the electrical and/or phone installation, this is particularly relevant to metal water mains. Cutting a pipe in this situation can create an electrical open circuit, causing the water pipe to become alive and possible ELECTROCUTION could result. If it is suspected that this could be the case for this installation, contact your Electrical Contractor and have an approved permanent earth bypass installed prior to commencing installation of this Water Filter Housing.

If installation of this Water Filter Housing is to proceed without involving a Qualified Electrician to avoid the risk of ELECTROCUTION, it will be necessary to install an electrical earth bypass. This can be done by thoroughly cleaning any surface coating (paint etc.) or debris from a section of pipe on each side of where this Water Filter Housing is to be installed. Attach a 70 ampere stranded copper conductor to span the piece of pipe to be removed and with suitable cable clamps, connect the bypass cable to the two cleaned areas on the pipe.

Do not cut the metal pipe until the bypass has been installed.

Immediately notify the person responsible for the management of the worksite (usually the householder) or the electrical supply authority, if any electrical fault is suspected.

6. Plumb the water filter housing into the water supply to provide the filtration method required (refer to installation drawing on page 2 for more information). Using BSP tapered thread plumbing fittings, install an isolation valve, pressure limiting valve and a dual backflow prevention valve into the inlet water supply preceding this water filter housing. Do not overtighten plumbing fittings into water filter housing head.
7. Insert selected cartridge into sump and screw sump to head by screwing to the right. Do not overtighten.
8. Before turning water supply ON, turn a tap downstream from the water filter housing ON to release any air from the system. Turn water supply ON slowly and after bleeding air from the system, turn downstream tap OFF.
9. Check for any leaks.

Handy tip: We recommend that you continue to check for leaks for a day or so after installation.

When should the filter cartridge be replaced?

When any of the following conditions are experienced:

- 6 months service period has expired
- Or
- Water pressure or flow has substantially reduced.
- Taste and/or odour returns to the filtered water.

Important filter cartridge information

Filter cartridges are manufactured to varying specifications, to provide different levels of performance and protection from a spectrum of contaminants. You must select a suitable cartridge for your particular situation and to provide the level of protection from the contaminants you require. Assistance with your cartridge selection or other information may be obtained by contacting CUNOCARE 1300 FILTER or your nearest Aqua-Pure sales office. Aqua-Pure provides an extensive range of filter cartridges, which have been selected to suit Australian conditions and requirements.

To ensure a high level of performance and protection from this water filter housing, we only recommend the use of Aqua-Pure filter cartridges, and a maximum cartridge life of 6 months.

To replace cartridge

1. Turn OFF water supply to water filter housing (refer to installation drawing on page 2), by turning OFF tap that will interrupt water supply.
 2. Unscrew sump from water filter housing by screwing to left. If water filter housing is installed internally, use a suitable container to catch any water spillage. Care needs to be taken, as the sump is full of water and heavier than would be expected.
- Note:** There is a sump wrench part number 24-68900-31 available from your Aqua-Pure retailer as an optional accessory.
3. Remove sump and cartridge, empty sump and dispose of used cartridge.

Note: Water filter housing should be sanitised prior to fitting the new replacement cartridge.

4. We recommend a food grade sanitising solution such as a baby bottle wash solution (Milton or similar) or a 5% sodium hypochlorite bleach (domestic bleach) and water solution may be used. Wash inside of housing with sanitising solution using a brush or sponge. Do not use anything abrasive that may damage or scratch internal surface. Do not install cartridge at this time. If water filter housing is installed as a point-of-use system, fill sump with sanitising solution and screw onto filter housing head. Hand tighten only. Turn water supply ON slowly, with tap or faucet connected down stream of water filter housing in ON position. Allow sanitising solution to flush through system to drain for 3 to 5 minutes, after which you can turn water supply OFF again, remove and empty sump in preparation for fitting new replacement cartridge.
5. Check the sump "O" ring for damage and replace if required - available from your Aqua-Pure retailer.

Handy tip: If lubrication is required for "O" ring seal on sump, use an inert silicone grease. Do not use Vaseline or any petroleum based lubricant as this may react with "O" ring, possibly causing leaks and water damage. A little cooking or vegetable oil will also suffice as lubricant for this application.

6. Install new filter cartridge in sump. Ensure cartridge is correctly seated over post in bottom of sump. Screw sump to head by screwing to right, ensuring top of cartridge correctly seats over post in head of housing, while screwing sump up firmly.

Caution! Hand tighten only, do not over tighten. If you have purchased a sump wrench remember! - this is only used for loosening sump and not tightening.

7. Before turning water supply ON, turn a tap downstream of water filter housing ON to release any air from system. Turn water supply ON slowly and after bleeding air from system, turn downstream tap OFF.
8. Check for any leaks.

9. After changing cartridge, water being delivered may appear to be "milky" in colour. Do not be concerned, this is caused by tiny air bubbles being expelled from new cartridge. Flush water through system until water appears clear, or use system and this condition will clear itself.

Note: After carrying out any maintenance, we recommend you observe for possible water leaks for a day or so after, as you have disturbed seals and may have disturbed plumbing to water filter housing.

Your Aqua-Pure water filter is now ready to provide low-cost, pure, sparkling-clean, great tasting water again, for you and your family's well being.

Aqua-Pure
WATER PURIFIERS