

TerosTM

CT
UltraFiltration
Drinking Water System
Installation and Service Manual

AquaCera

Section I. Introduction

Your new Teros™ Drinking Water System uses a combination of innovative filtration technologies to reduce unwanted contaminants in your water supply. The following steps combine to give you the best in clear, sparkling pure drinking water.

Your system will include all the following to connect your system to a kitchen faucet.

- Twin Countertop Housing Assembly with attached diverter valve and tubing
- Adapter kit for connection to certain kitchen faucets
- CFHF-Teros UF Membrane
- CF-AMB-9S AquaMetix block filter

Section II. Specifications System Ratings and Operating Parameters

System Rating

Production

U.S.

0.5 G.P.M. flow

Capacity

1100 Gallons AMB-9S

2000 Gallons Teros-UF Membrane

Recommended Operating Limits for Feed Water -
Optimum Capacity and Performance

Water Pressure

20—125 psi

Total Dissolved Solids

Less than 500 ppm or 500 mg/l

Temperature

35— 110 ° F

2— 43 ° C

pH

6.5 to 8.5 recommended

Iron

Less than 0.5 ppm Or 0.5 mg/l

Manganese

Less than 0.05 ppm Or 0.05 mg/l

Hydrogen Sulfide

Less than 0.3 ppm Or 0.3 mg/l

Chlorine

0— 4 ppm

Recommended Replacement Information

CFHF-Teros membrane

Replace Every 18-24 months or when flow is greatly reduced

CF-AMB-9S

Replace Every 6-12 months (depending on usage and water conditions).

Section III. Installation and Diagram

Installation Steps

Selecting a position for the Filter System

The filter is designed to be free standing on a sink unit or adjacent worktop.

***FOR COLD WATER USE ONLY.FOR USE WITH SAFE TREATED POTABLE WATER SOURCES ONLY.**

Connecting Pipe-work and Fittings

Screw the diverter valve to the cold tap or mixer tap if a male thread is visible. If not, an approved adaptor will be required to convert to the relevant threads. **(Included) This normally requires removing the existing aerator from the kitchen faucet.**

Fitting the Teros Membrane

Unscrew the body/sump from the base/cap. Remove the UF membrane from its protective sleeve. Visually inspect that the sealing washer is connected to the threaded nipple and screw into the base/cap until washer resistance is felt. **Do not over-tighten.** Moisten the "O" ring located on the body/sump and then place it into the groove in the base/cap and screw the threaded body into the base/cap. **Hand-tighten only.**

Membrane Flush

Take the second housing body/sump and verify it has an o-ring seal and lubricate if necessary.

DO NOT INSTALL AquaMetix AMB-9S FILTER AT THIS TIME. Thread body/sump into the cap. Hand-Tighten.

Turn on the cold water at the kitchen faucet and twist the lever on the diverter valve to allow water to fill the system with water under pressure. There will be a slight delay before water begins to exit the tap. Once water flows from the spigot, turn the kitchen faucet off and allow system to sit unused for 5 minutes.

Then, turn the faucet back on and allow water to run for 5 minutes through the system. This step is very important as the preservative inside the membrane must be flushed prior to FIRST use for consumption. Once this is complete, turn the lever back on the diverter valve to the off position and turn off the kitchen faucet.

Fitting the AquaMetix Filter Element

Unscrew the body/sump from the empty base/cap. Remove the filter from its protective wrapping. Place the sealing washer onto the threaded nipple (it should already be in place), and screw into the base/cap until washer resistance is felt. **Do not over-tighten.** Moisten the "O" ring located on the body/sump and then place it into the groove in the base/cap and screw the threaded body into the base/cap. **Hand-tighten only.**

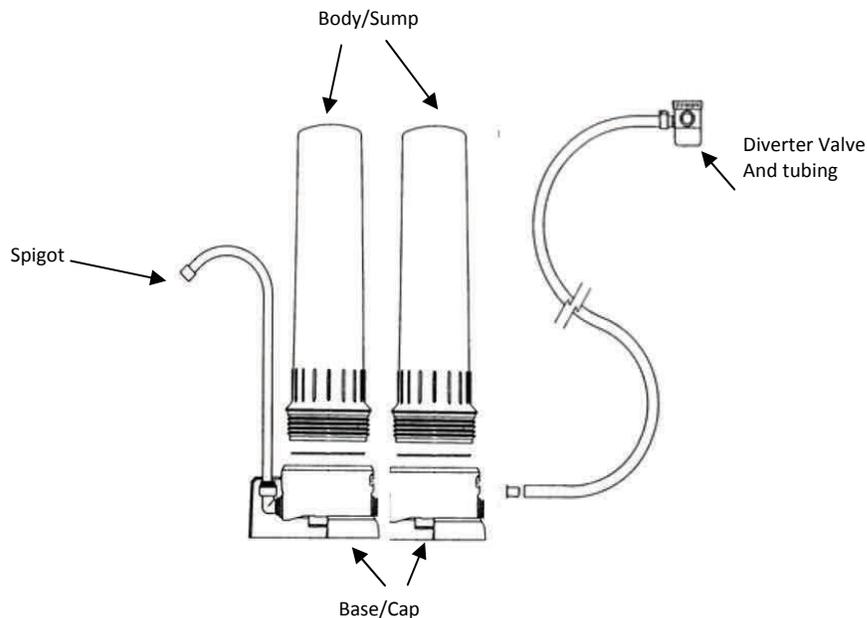
Conditioning the Filter System

The filter system should now be ready for first filling with water. To avoid any problems caused by air locks in the filter housings, the unit should be held upside-down above/in the kitchen sink. Turn on the cold side of the faucet and twist the lever bar on the diverter valve to allow water to fill the unit. It will take time for water to appear through the spigot as the second filter is not yet conditioned. Allow the water to run to waste for a minimum of 5 minutes, or 3 gallons. Allow the filter to stand for 24 hours to condition the filters to the source water and then flush a further 1 gallon of water to waste. After carrying out this procedure the filter system is now ready for use.

Servicing the Filters

Over time, your filters will slowly decrease in flow performance. This is to be expected and most likely means that it is time to replace them. If there is a decrease in performance whereby flow is drastically reduced from original performance call our customer service line for trouble-shooting tips.

For Customer Service, Call us at 888-236-8586 or email: info@ceramicfilterscompany.com



Teros™ Drinking Water Systems

Limited Warranty

Ceramic Filters Company, Inc. (CFCI) warrants this Teros Drinking water system to be free from defects in materials and workmanship for a period of one year from the date of purchase when installed and operated within recommended parameters.

CFCI will repair or replace at its discretion any defective component. This warranty does not cover the filters whose service life depends on feed water conditions nor O-rings that fail due to normal wear and tear.

Conditions of Warranty:

The above warranty shall not apply to any part of the Teros System that is damaged because of occurrences including but not limited to neglect, misuse, alteration, accident, misapplication, physical damage, or damage caused by fire, act of God, freezing or **hot water**.

All replacement filters must be AquaCera brand replacement filters or the warranty is void. If the unit is altered by anyone other than CFCI the warranty is void.

To obtain warranty service: contact the dealer who supplied the unit, or contact the manufacturer (CFCI). Owner pays for shipping charges related to parts returned for repair or replacement.

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