

Teros™



Ultra-Filtration Systems

Teros™

The Teros™ range of Ultra-Filtration systems improve upon our original CeraGuard UF system in performance, capacities and filtration. Teros™ systems incorporate our latest Gen.2 Hollow Fiber membrane technology. Teros™ Gen.2 membranes include 50% more fibers in order to achieve flow rates satisfactory for daily use without the use of a storage tank; this technology allows for the first time a countertop version.

All Teros™ systems utilize our powerful AquaMetix® block technology which addresses multiple challenging contaminants in a single filter, for a complete purification filtration system.

Teros is Greek for “guard”, the progression of our hollow fiber and filtration technologies allows these systems to watch over your water, as a guard.

Teros™ systems are available as Countertop (CT) and two In-Line systems, the 2S and 3S. The 2S and 3S systems include all the necessary hardware to mount a dedicated drinking water tap to have purified water on demand.

Teros™ CT-Countertop



The Teros™ CounterTop UF system combines our Gen2 Hollow Fiber membranes made of PES and our AquaMetix® block filter element to provide a comprehensive filtration system in a countertop system offering >0.5 gallon per minute flow rates. The Teros™ is readily attached to an existing faucet via a diverter valve which allows filtered or unfiltered water to be drawn from the existing faucet. Ergonomically designed for easy installation, and only spent filters need to be replaced.

Specifications:

- 99.9999999% Cryptosporidium removal
- 99.9999% E.Coli/Bacteria removal
- 99.999% Virus removal (MS2 bacteriophage test)
- >99% Chloramine reduction
- >99% Chlorine reduction
- >99% Lead reduction
- >99% Herbicides and Pesticides reduction
- >99% Glyphosate reduction
- >98% VOC's reduction
- >98% Heavy metals reduction
- >92% Nitrates reduction
- >85% Fluoride reduction
- Capacities: UF Membrane 18-24 months

AquaMetix® candle 3500 gallons/13250 liters—Chlorine
1750 gallons/6600 liters—Chloramines
1150 gallons/4350 liters—Lead

Teros™ 2S InLine



The Teros™ 2S UF uses our latest Gen2 hollow fiber membrane technology for exceptional bacteria, cyst and virus reduction and our AquaMetix® filter for unequalled chemical reductions. The Teros™ 2S is a twin system capable of delivering >0.5 gallon per minute flow rates without the need of a storage tank.

Specifications:

- 99.9999999% Cryptosporidium removal
- 99.9999% E.Coli/Bacteria removal
- 99.999% Virus removal (MS2 bacteriophage test)
- >99% Chloramine reduction
- >99% Chlorine reduction
- >99% Lead reduction
- >99% Herbicides and Pesticides reduction
- >99% Glyphosate reduction
- >98% VOC's reduction
- >98% Heavy metals reduction
- >92% Nitrates reduction
- >85% Fluoride reduction
- Capacities: UF Membrane 18-24 months
 - AquaMetix® candle 3500 gallons/13250 liters—Chlorine
 - 1750 gallons/6600 liters—Chloramines
 - 1150 gallons/4350 liters—Lead

Teros™ 3S InLine



The Teros™ 3S UF adds our 5 stage FD synthetic fiber block filter to the Teros™ 2S as a pre-filter to provide a high flow filtration of sediment, chlorine, cyst, lead and scale prevention. The Teros™ 3 is a triple housing system capable of delivering 0.5 gallon per minute flow rates without the need of a storage tank.

Specifications:

- 99.9999999% Cryptosporidium removal
- 99.9999% E.Coli/Bacteria removal
- 99.999% Virus removal (MS2 bacteriophage test)
- >99% Chloramine reduction
- >99% Chlorine reduction
- >99% Lead reduction
- >99% Herbicides and Pesticides reduction
- >99% Glyphosate reduction
- >98% VOC's reduction
- >98% Heavy metals reduction
- >92% Nitrates reduction
- >85% Fluoride reduction
- Capacities: UF Membrane 18-24 months
 - AquaMetix® candle 3500 gallons/13250 liters—Chlorine
 - 1750 gallons/6600 liters—Chloramines
 - 1150 gallons/4350 liters—Lead
 - FD MultiMedia—1000 gallons/3800 liters

Teros™ Filter Specifications

The Teros™ UF membrane is made of double skinned, hollow fibers that provides the element superior strength creating added safety as molecules must pass through 2 identical barriers and a supporting layer between the membrane fibers. The membrane is made from PolyEtherSulfone (PES), a hydrophilic, chemically stable polymer capable of operating in aggressive environments.

- Turbidity Challenge: <0.18 NTU after challenge water containing 2, 5, and 10 NTU
- Cryptosporidium Removal: 9 log removal using surrogate test 99.999999%
- E.Coli/Bacteria Removal: 6 log removal of E. coli 99.9999%
- Virus Removal: 5 log removal (MS2 bacteriophage test)99.999%
- pH range 2-12
- Average pore size 0.02 micron
- PolyEtherSulfone— Hydrophilic Double-Skin Type membrane material



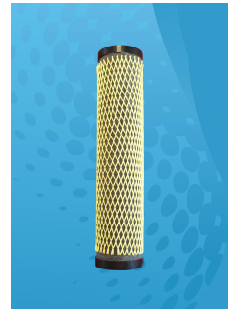
AquaMetix® Block:

Class II filtration efficiency Nominal 2 micron
 Chlorine Reduction >99% based on 1750 gallon capacity
 Chloramine Reduction >99% based on 1750 gallon capacity
 Lead Reduction >99% based on 1150 gallon capacity
 Fluoride Reduction 85% based on 6 month daily usage
 Herbicides, Pesticides >95% Reduction
 *Arsenic, Cadmium, Chromium, Copper, Mercury, Nickel, Radionuclides, Silver and Zinc.



Our Teros™ 3S system includes our 5 stage synthetic fiber, cellulose-free PAC bonded block filter as a pre-filter to our membrane to provide high-flow, low pressure drop pre-filtration of sediment, chlorine, cysts and lead. This filter also provides a scale prevention inhibitor before finally entering the hollow fiber membrane.

- Lead Reduction 1000 gallons
- Chlorine Reduction 1000 gallons
- Cyst Reduction >99.95%
- Scale Prevention 12 months



	TEROS 2S	Neo-Pure TL3	Watts WQCFU-11
Bacteria, Virus, and Cyst	YES	YES	NO
Lead	YES	YES	YES
Other Metals	YES	NO	NO
Chloramines	YES	NO	NO
VOC's	YES	NO	YES
Fluoride	YES	NO	NO
Arsenic	YES	NO	NO
Membrane Material	PolyEtherSulfone	PolyEthylene	PolyEthylene
Virus Claim	99.999%	99.99%	No Data
Lead Claim	>99%	Undeclared	95%
Fluoride Claim	85%	NO	NO
Turbidity Challenge	>0.18 NTU	Undeclared	96%
Flow Rate	From 0.5 GPM	1 GPM	0.5 GPM
Filter Capacity	1100 Gallons	1000 Gallons	300 Gallons
Membrane Life	18-24 Months	12 Months	12 Months
ADVANTAGE	Teros™		

Comparison Data based on competitor's listed specifications for products stated above.