

# UG-100HT

## Filtration System

Built upon the backbone of our commercial UltraGuard® Purifier\*, TST Water has engineered this powerful UF membrane technology to fit under your sink. Our UltraGuard® UG-100HT system delivers crisp, clear and clean water directly to your tap with 100% water efficiency. Unlike reverse osmosis systems, our Made in U.S.A. UF membrane does not produce wastewater; nor does it require electricity or additional components like storage tank or air-gap faucet. The UF membrane rejects suspended solids and other contaminants down to 0.02 micron while the sediment and carbon pre-filters reduce sand, silt, sediment, chlorine taste and odor from your drinking water.

This UG-100-HT system is specifically engineered for applications that have increase turbidity such as well water sources. Our integrated back flush design prevents fouling of the UF membrane, ensuring extended filtration capacity.

### Key Features

- ✓ Over 99.99% bacteria and virus reduction\*
- ✓ Elimination of colloidal materials, sand, silt and sediment
- ✓ Double-skinned membrane provides greater reliability
- ✓ 100% efficient produces no water waste
- ✓ Works off of standard line pressure delivering high flow rates
- ✓ Encapsulated UF membrane element for easy, mess-free maintenance
- ✓ Does not remove minerals which may be beneficial to health
- ✓ Complete with everything needed for standard installation
- ✓ Reduces chlorine taste and odor

### Specifications

Operating Temperature:	40°-100° F (4.4°-40.5° C)
Operating Water Pressure:	20-85psi (1.41-5.98 kg/cm2 )
Maximum Flow Rate:	.8 gpm (3.03 lpm)
Micron Rating:	0.02 Micron

Does not remove minerals which may be beneficial to health.

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

\*UltraGuard UG-100HT is WQA Certified to the US EPA Guide Standard and Protocol for Testing Microbiological Water Purifiers.

