

REVERSE OSMOSIS FILTRATION

6 Stage System

- Undersink Reverse Osmosis System with antimicrobial technology removes impurities while improving the taste, color and smell of your drinking and cooking water
- Antimicrobial technology eliminates the growth of bacteria in the system
- Complete treatment against microscopic impurities and harmful substances
- Combines micron/carbon/membrane filtration with state-of-the-art reverse osmosis technology for taste and quality
- Reduces dissolved contaminants in the water supply up to 99% through the RO membrane separation process
- Ultra-fine membrane filters everything larger than 0.0001-micron, filtering everything except pure water
- Provides up to 50 gallons of pure water a day
- Patented single-molded manifold with 3 housings reduces potential leak points and maximizes system efficiency



- A variety of faucet designs and finishes are available to complement your kitchen decor
- Helps your family, helps the earth, encourages your family to drink more water while reducing consumption and the environmental damage of bottled water



TW30-1812-50HR elements have been tested and certified by NSF International against NSF/ANSI Standard 58 for material requirements



Housings certified by IAPMO RT to NSF/ANSI 42, 61, 372 lead free, CSA B483.1. In compliance with drinking water regulations, USA and Canada



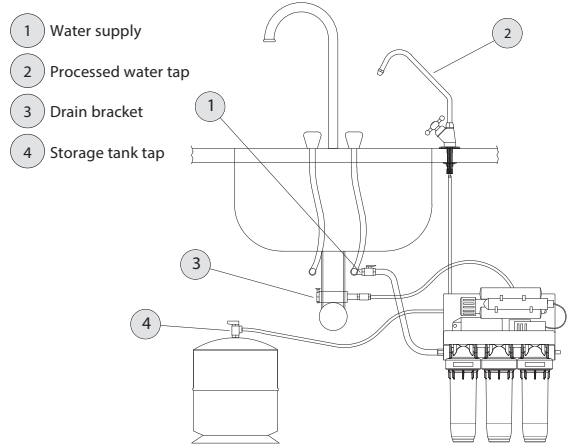
**ANTIMICROBIAL
TECHNOLOGY**

COMPONENTS & SPECIFICATIONS

6 STAGE REVERSE OSMOSIS PERFORMANCE DATA SHEET

Technical Specification	Unit of Measure	STD
Max dimensions Bracket model	mm	580x370x150
Max dimensions Frame model (height x width x depth)	mm	
Metal storage tank dimensions	mm	280x345
Plastic storage tank dimensions (diameter x height)	mm	284x400
Weight	kg	5
Max daily production 50 GPD		190
Percent recovery	%	20
Saline rejection	%	90
Bacterial rejection	%	> 98
Max. feed water TDS	mg/l (ppm)	1000
Max. feed water temperature	°C	30
Min. feed flow	l/h	100
Min. feed pressure	bar	3
Max. feed pressure	bar	8

INSTALLATION DIAGRAM



Stage 1 : Sediment Filter

- Sediment Antimicrobial 25-micron filter
- Removes dust, sand, dirt, algae and rust particles, sediment
- Improves the taste and appearance of your water

Stage 2 : Sediment Filter

- Sediment Antimicrobial 5-micron filter
- Further removes dust, sand, dirt, algae and rust particles, sediment
- Further improves the taste and appearance of your water

Stage 3 : Carbon Filter

- Removes chlorine, taste & odors, very fine particulates
- Improves the taste and smell of your water
- VOC/CYST .5 micron carbon block

Stage 4 : Reverse Osmosis Membrane

- Reduces 99% total dissolved minerals, heavy metal, arsenic, mercury, iron, lead, fluoride and 1000+ contaminants.

Stage 5 : Carbon Post Filter

- Removes any possible residual tastes and odors from the tank using a high quality polishing filter

Stage 6 : Hydration Chamber

- Raises the pH of the water to improve the taste using alkaline remineralization