

# Watts® Tri-Plex Water Softeners

*Multi-Stage water treatment systems for consumers who demand the “best”.*

## Multi-stage water treatment system in a single tank to save space and money!

Our metered control valve regenerates in an *up-flow* pattern based on water usage to conserve water and reduce salt requirements.

## Pre-filter

Our Micro-Z® filter media is used for pre-filtration to remove particles, five micron and up. Micro-Z outperforms sand and multimedia to increased particulate removal.

## KDF®

This important step enhances the performance of activated carbon (below) and aids in the removal of iron and hydrogen sulfide.

## Activated carbon

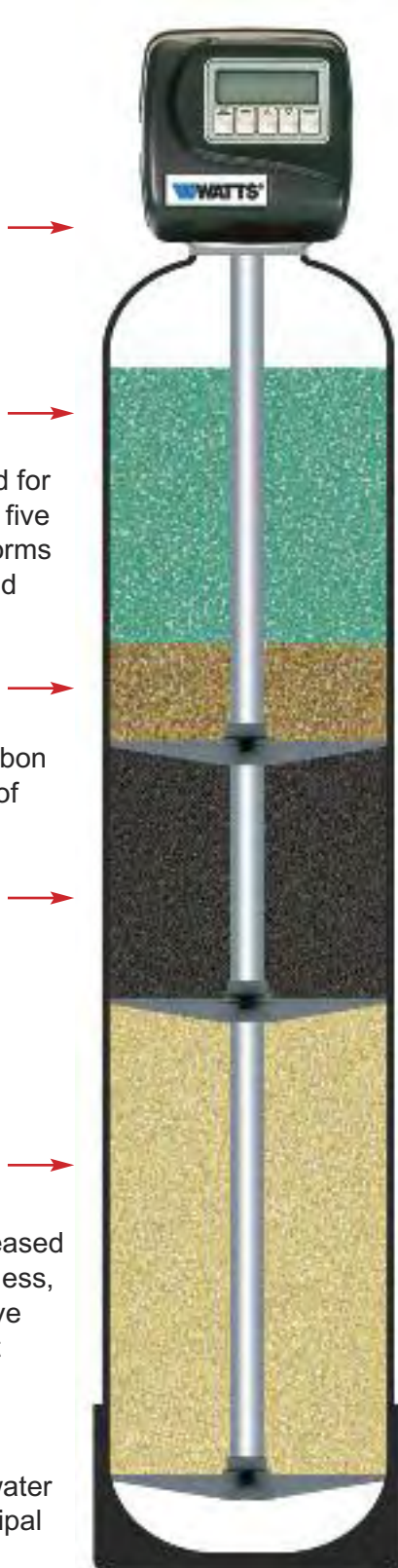
Activated carbon is used for pre-treatment to improve water quality by reducing bad tastes, foul odors, chlorine and organic substances through adsorption.

## High efficiency ion exchange resin

Fine mesh resin is used for increased efficiency to remove water hardness, Calcium, Magnesium and improve performance in high Iron content water.

## Two models

We offer two models based on water type, including models for municipal water and well water.



## Innovative design

If you want the most from your investment, Tri-Plex water conditioners are for you! There's nothing else like them anywhere!

## Multi-stage water treatment process

With Tri-Plex water softeners you get several water treatment media in a single tank, using a single control valve, to reduce space and save money!

## Reduces:

- Water hardness
- Calcium
- Magnesium
- Sediment
- Chlorine
- Bad tastes
- Foul odors
- Heavy metals (KDF)
- Scale
- Damage to appliances due to scale build-up.
- Spots on dishes & glassware.
- Soap build-up on shower walls and bath tubs.

## Other benefits:

- Soap savings 50% or more because soap and detergents work better in soft water.
- Softer, brighter laundry.
- Refreshing shower water and no chlorine damage to hair.
- Smoother shave with softened water.
- Reduced energy costs by scale elimination.

# Tri-Plex Water Conditioning Systems by Watts®



## Components

Tri-Plex water conditioning systems come with the W100SM metered valve, which features up-flow regeneration to conserve water and increase salt efficiency. Tri-Plex conditioners also use three chamber 10" x 60" Vortech® mineral tanks, (with safety float valves) and come with a 1" by-pass valve.

## Media replacement

Media replacement may be completed using the extraction tool, designed for Tri-Plex water conditioning systems (see bottom photo). Micro-Z® is typically not replaced because the media is refreshed during backwash. We recommend replacement of the activated carbon and KDF every 1-2 years, depending on chlorine levels. For more information please see our owners manual.

## Resin replacement

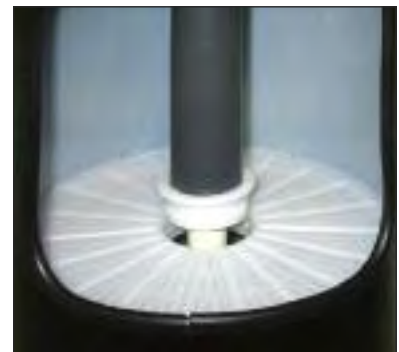
Resin life is dramatically extended due to pre-treatment by activated carbon and KDF. With Tri-Plex conditioners, resin life may be extended indefinitely with adequate carbon pre-treatment.

## Warranty

Tri-Plex conditioners come with a five year limited warranty on control valves, mineral tanks and brine tanks. For more details please refer to our owners manual.



Extraction Tool  
(P/N: D91EXT)



Adapter Removal Tool  
(P/N: D91INS)

## Models

MODEL NUMBER	VALVE	WATER	RESIN CU. FT.	CARBON CU. FT.	SERVICE FLOW (GPM)	BACKWASH (GPM)	BRINE TANK	SHIP WT. (LBS.)
M3011-W100SM5CZ	W100SM	City	1.0	0.5	8 to 11	7.5	18x36	150
M3011-W100SM8CZ	W100SM	Well	1.0	0.5	8 to 11	7.5	18x36	150

Note: Pipe connections are 1".