

# Twin Series Systems

*Impression Plus® and Sanitizer Plus® twin systems provide water 24/7*

**SOFTENER/  
FILTRATION**



## Around the Clock Soft Water

Impression Plus® and Sanitizer Plus® twin systems provide uninterrupted service of softened and treated water 24 hours a day, seven days a week. Both systems are engineered to be highly effective and offer capacities between 20,000 and 120,000 grains with flow rates to 28 GPM.

When one tank becomes exhausted, the system automatically switches to the system's reserve tank. An added benefit of the system's flexibility is that each of its tanks can utilize 100% of their capacity — eliminating the waste of unused capacity.

### Both Twin Systems Feature:

- Flow rates up to 28 GPM
- 1" pipe size
- Advanced history and diagnostic screens
- Automatically monitors regeneration cycles based on water consumption
- Safe, 12 volt DC operation saves salt and water



### Soft Water 24/7

- Unlimited supply of treated soft water 24 hours a day
- Sanitizer Plus system reduces foul tastes and odors

### Twin Systems Ideal for

- Residential
- C-Stores
- Restaurants and Bars
- Power Washing
- 24-Hour Laundromats
- R.O. Pretreatment
- Car Washes
- Boiler Feeds

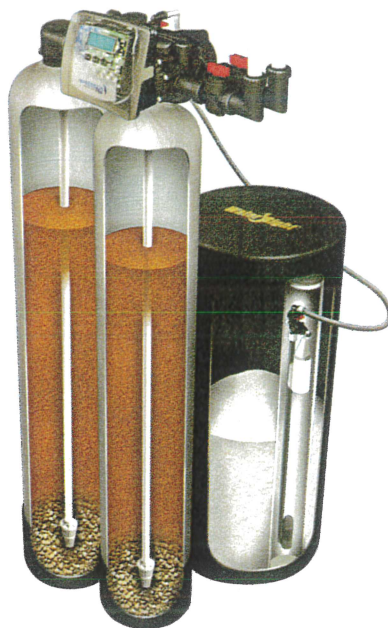


water-right.com



## Softening

**IMPRESSION<sup>Plus</sup>**  
A Water-Right Brand



## Twin Series Systems

Impression Plus (IMP-TW) systems handle common yet challenging hard water problems while the Sanitizer Plus (ASP1-TW/ASP2-TW) system goes a step further to remove iron, manganese and provide pH correction, while also soften. Powerful control valves along with advanced controller options provides for dependable, trouble-free operation.

## The Media

Water-Right twin systems are offered with three different media options capable of handling all softening needs, from the simple to the most challenging water conditions. The media options include:

- **Resin (IMP-TW)** — a high capacity sulfonated polystyrene media capable of handling common hard water conditions.



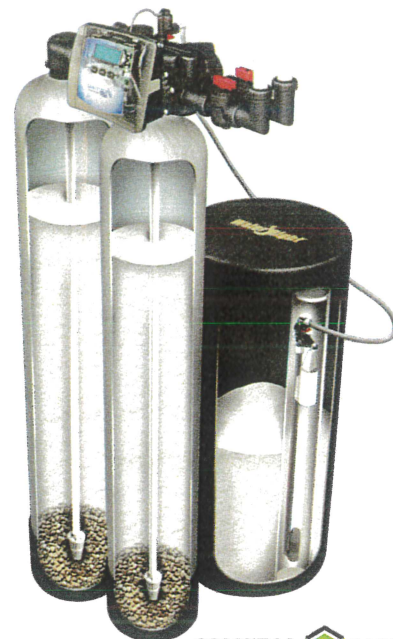
- **Crystal-Right CR-100™ (ASP1-TW)** — silica crystal media that is effective in reducing hardness, iron, manganese and raising pH levels of slightly acidic water.

- **Crystal-Right CR-200™ (ASP2-TW)** — silica crystal media highly effective in reducing hardness, iron and manganese.

*\*Sanitizer Plus is not intended for treating non-potable water.*

## Softening/Filtering

**SANITIZER<sup>Plus</sup>**  
A Water-Right Brand



**CRYSTAL-RIGHT.**  
Custom-Engineered Zeolite Inside

### The Control Valve

Both twin systems achieve optimum performance using a single piston and corrosion-resistant spacers and seals. The piston design is produced with tight tolerances and offers long-term operation with minimal maintenance.

Sanitizer Plus (ASP) water treatment systems combine patented self-chlorinating technology with exclusive Crystal-Right™ media to perform like four units in one — softening, removing iron and manganese, and raising low pH levels. This advanced system also reduces unpleasant odors and tastes from your water.

The patented salt monitoring feature will trigger an alarm, notifying you when the percentage of brine concentration falls below 50 percent.

### Available Options

- Treated water regeneration
- Larger brine tanks and salt grids available
- Choice of Crystal-Right™ medias for reducing hardness, iron, manganese, and pH correction (*Sanitizer Plus system only*)

Learn more about Crystal-Right media at [www.mineral-right.com](http://www.mineral-right.com)

Your local water treatment professional:

# Twin Series Softeners

## Specifications



### IMP-TW Specifications

MODEL		IMP-844TW	IMP-1044TW	IMP-1054TW	IMP-1354TW	IMP-1465TW	IMP-1665TW
<sup>1</sup> Capacity: * (Grains/Lbs. NaCl)	Minimum	15,600 @ 3.0	23,600 @ 6.0	35,400 @ 9.0	53,000 @ 12.0	60,000 @ 18.0	80,000 @ 24.0
	Medium	21,600 @ 6.0	28,400 @ 9.0	44,400 @ 15.0	64,200 @ 18.0	75,000 @ 30.0	100,000 @ 40.0
	Maximum	25,600 @ 9.0	32,000 @ 15.0	48,800 @ 21.0	72,800 @ 24.0	90,000 @ 45.0	120,000 @ 60.0
Amount of Resin Media (Cu. Ft.)		.85	1.0	1.5	2.5	3	4
Maximum Water Hardness (GPG)		50	75	100	100	100	100
<sup>2</sup> Minimum pH Required		7.0	7.0	7.0	7.0	7.0	7.0
<sup>3</sup> Peak Flow Rate (GPM @ P-PSI)		11.4 @ 15.0	17.1 @ 15.0	14.3 @ 15.0	18.5 @ 15.0	27 @ 25.0	29.0 @ 25.0
Continuous Flow Rate (GPM @ P-PSI)		5.0 @ 5.4	5.0 @ 2.8	5.0 @ 3.8	5.0 @ 2.4	20.0 @ 15.0	22.0 @ 15.0
Water Pressure Range (PSI)		30-100	30-100	30-100	30-100	30-100	30-100
Water Temperature (°F)		33-100	33-100	33-100	33-100	33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60	110-50/60	110-50/60	110-50/60	110-50/60
Pipe Size		1"	1"	1"	1"	1"	1"
Total Dimensions:	Media Tank and Valve	27"W x 52"H	29"W x 52"H	29"W x 62"H	31"W x 62"H	32"W x 74"H	34"W x 74"H
	Brine Tank	18"W x 33"H	18"W x 33"H	18"W x 33"H	18"W x 40"H	18"W x 40"H	24"W x 41"H

NOTE: Only the -844TW through the -1354TW sizes are approved in the state of Wisconsin.

### IMPRC-TW Specifications

MODEL		IMPRC-1054TW	IMPRC-1354TW
<sup>1</sup> Capacity: (Grains/Lbs. NaCl)	Minimum	23,600 @ 6.0	35,400 @ 9.0
	Medium	28,400 @ 9.0	44,400 @ 15.0
	Maximum	32,000 @ 15.0	48,800 @ 21.0
Amount of Resin Media (Cu. Ft.)		1.0	1.5
Amount of Carbon Media (Cu. Ft.)		.5	1.0
Maximum Water Hardness (GPG)		75	100
<sup>2</sup> Minimum pH Required		1.0	1.0
<sup>3</sup> Peak Flow Rate (GPM @ P-PSI)		15.6 @ 15.0	20.4 @ 15.0
Continuous Flow Rate (GPM @ P-PSI)		9.7 @ 7.5	13.2 @ 7.5
Water Pressure Range (PSI)		25-100	25-100
Water Temp. (°F)		33-100	33-100
Electrical Requirements (volts-hertz)		110-50/60	110-50/60
Pipe Size		1"	1"
Total Dimensions:	Media Tank and Valve	10"W x 62"H	13"W x 62"H
	Brine Tank	18"W x 33"H	18"W x 40"H

<sup>1</sup> All water softeners are factory preset at medium salting.

<sup>2</sup> The pH listed is the minimum for the influent water.

<sup>3</sup> Unit not tested for capacity at these peak flow rates. Water quality may vary.

\* All specs are shown in capacity per tank.



### Cycle Times and Salt Usage

MODEL	IMP-844TW	IMP-1044TW	IMP-1054TW	IMP-1354TW	IMP-1465TW	IMP-1665TW	IMPRC-1054TW	IMPRC-1354TW
Backwash	6	8	8	10	12	12	8	10
Brine & Rinse	40	60	90	90	90	90	90	90
Rinse	4	4	4	4	4	4	4	4
Brine Refill	4	6	10	12	20	27	6	10
Regenerant (lbs.)	6	9	15	18	30	40	9	15
Total (min.)	54	78	112	116	126	133	108	114



## Water Conditioner Limited Warranty

Congratulations. You have purchased one of the finest water treatment systems available. In the unlikely event of a problem due to defects in material and workmanship, we proudly warrant our water conditioners to the original owner, when installed in accordance with Water-Right® specifications. This warranty is effective from the date of original installation for:

- |                                |  |
|--------------------------------|--|
| <b>A period of TEN YEARS:</b>  | <b>Fiberglass mineral tank except for damages due to freezing, high pressure (120 PSI and above), extreme temperature (100°F and above) or a vacuum on the system.</b> |
| <b>A period of FIVE YEARS:</b> | <b>The control valve and all internal components.<br/>The salt storage container.</b>  |
| <b>A period of ONE YEAR:</b>   | <b>All other conditioner components.</b>   |

Any part found defective within the terms of this warranty will be repaired or replaced by the dealer. You pay only freight from our factory and local dealer charges. To obtain local warranty service, contact original dealer or an authorized service dealer. If no authorized dealer is located in your area, please ship defective part or component freight prepaid to Water-Right, Inc., 1900 Prospect Ct., Appleton, Wisconsin 54914. Water-Right, at its discretion, will repair or replace the part or component at its expense and return part freight collect.

The above provisions of the warranty are valid as long as the unit is connected in compliance with local plumbing codes and in an equivalent manner and condition of the original installation and is owned by the original owner.

This warranty does not cover damages due to accident, fire, flood, freezing, or any other Act of God. We are not responsible for damages due to change in water conditions, misapplication, misuse, neglect, vacuum, oxidizing agents, alteration, or lack of maintenance. No responsibility is assumed for loss of use of the unit, inconvenience, loss or damage to real or personal property or any incidental or consequential damages. Furthermore, we assume no liability and extend no warranties, express or implied, for the use of this product with a non-potable water source. **To the extent permitted by law, Water-Right disclaims all implied warranties, including without limitation warranties of merchantability and fitness for particular purpose; to the extent required by law, any such implied warranties are limited in duration to the aforementioned period specified above.**

Some states do not allow the exclusion of implied warranties or limitations on how long an implied warranty lasts. Consequently, the above limitation may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.