

## *Need Assistance or Service?*

Please call our Customer Assistance Hotline and speak to one of our Customer Service Specialists.

They can provide you with additional information, answer product questions and help you get the most out of your system.

If service is necessary, you can arrange for a visit from a highly skilled Factory Authorized Service Technician who is trained to fulfill the product warranty and perform any out-of-warranty service on your system.

**CUSTOMER ASSISTANCE HOTLINE  
1-800-454-3429**

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Further information is available  
24-hours a day on our website

[www.intermountain-water.com](http://www.intermountain-water.com)

## Owner's Manual

# ***Patriot***

High Efficiency  
Water System

## **Intermountain Water**

[www.intermountain-water.com](http://www.intermountain-water.com)

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424 West 1200 North, Orem UT 84057 USA  
Part number FM 500-013-03-00

Congratulations on purchasing the Patriot water system. This investment will not only protect your home, it will change the way you live.

The Patriot water system's cutting-edge technology makes life more convenient for you. Many years of dedicated research and concentrated effort have gone into bringing it to you.

Intermountain Water has a proud tradition of manufacturing excellence. We know that you will be extremely satisfied as you experience the feeling of high quality water in your home.

This Owner's Manual was compiled to help enjoy years of trouble free operation from your Patriot water system.

Residential Water System  
Limited Lifetime

■ **Warranty** ■

**1<sup>st</sup> year of ownership**

This residential water system is warranted as to workmanship and material for a period of one year from date of original installation at the original installation site, if properly installed by an Intermountain Water Certified Installer. Should any component in your system prove defective in the first year, it will be repaired, rebuilt or replaced at our option, provided it is returned directly to us.

**After the 1<sup>st</sup> year of ownership**

Should any component in your system prove defective after the first year, it will be repaired, rebuilt or replaced at our option for a maximum charge of \$50.00, provided it is returned directly to us. Labor, transportation, shipping or other charges incurred in the diagnosis, replacement or repair of defective components are not covered by this warranty.

If you choose not to send a defective component back to us, repairs to your system can be conducted in your home by a factory authorized service technician if your home is within the operating radius of an Intermountain authorized repair center. This warranty does not cover transportation, shipping, diagnosis, replacement and repair charges resulting from your in-home repair request.

**Intermountain Water or its subsidiaries will not be held responsible for loss or damage caused by any defective component.**

**This warranty must be presented at time of claim and all claims must be presented within 30 days of occurrence.**

This warranty is void if your water system is not installed in compliance with prevailing plumbing codes, including necessary overflow protection, or if the influent water temperature is hotter than 90°F or where the static water pressure is less than 25psi, or more than 90psi. Intentional/malicious damage, misuse, neglect, unauthorized modifications or accidental damage to the system are not covered by this warranty. This warranty does not cover damage caused by pressure surges, water hammer, power surges or sags, lightning, fire, flood, freezing, earthquake, acts of God or other casualty.

Your water system is subject to normal wear and tear during its usable service life. Wear and tear is not regarded as a product defect and is not covered by this warranty.

Your water system includes a Hydroclear performance-enhancing injection system in the salt tank. The Hydroclear performance-enhancing additive is essential to proper functioning of your system. If Hydroclear is not added to the injection system at the prescribed interval in your owner's manual, this warranty will be void.

**This limited lifetime warranty is only valid if registered within 10 days of initial installation. If unregistered, this warranty is only valid for 1 year from the date of original manufacture.**

**Water Pressure Regulator**

The influent water pressure into this water system must be regulated by a code-compliant pressure regulating device not to exceed 75psi.

**Power protection**

Power to this system must be supplied by an unswitched 110VAC supply. Surge protection is mandatory and is to be supplied by the customer.

**Hydroclear**

Your Patriot is one of the hardest working appliances in your home.

Years of drought conditions and massive population growth have caused water to become much worse than before.

Hydroclear performance enhancer is designed to help your water system work at maximum efficiency levels. This environmentally friendly supplement is designed to clean the moving parts of the softener as well as synergistically activate the Patriot-Pro® resin media inside your system, allowing maximum efficiency.

A Hydroclear Injection system is installed in your system's brine tank. The feeder should be kept as full as possible. The innovative design of the injector allows the system to only use Hydroclear when it needs it, so your system will use Hydroclear proportionately to the amount of water that you use. Be sure to always have the injection system full, so that your system complies with the terms of its warranty and that it functions at the highest levels of performance and efficiency.

**PROTECT THE INVESTMENT THAT PROTECTS YOU**

As the world's water gets worse, better equipment is needed to clean it.

The Patriot line of high efficiency water softeners are specially designed to handle the extreme water conditions found here in the Western United States.

Years of drought conditions and massive population growth have caused water problems to become far more serious than ever before.

Treating water in the 21st century requires highly specialized equipment to protect you and your home from minerals and metals that could be lurking in your water.

Your Patriot water system is able to give you the water quality that you deserve at high efficiency levels, saving you money on salt and water, as well as protecting the environment.

Your Patriot performs at high efficiency due to synergistic design techniques. By utilizing technologically advanced electronics and the latest synthetic resin technologies, the Patriot effortlessly balances power, performance, reliability and efficiency.



The water specialists - Since 1966

Your Patriot commercial water system is probably the hardest-working appliance that you'll ever own.

Robust design, high flow rates and commercial-grade electronics make the Patriot unequalled in its class.

The Patriot incorporates a sophisticated command & control system to monitor water consumption, regulate salt efficiency and regeneration frequency.

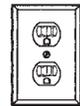
Due to its innovative regenerant regulation technique, the Patriot allows complete demineralization with minimal salt consumption.

Commercial-grade equipment installed in your own home, voted by many plumbers as the ultimate in home defense.

Your Patriot is so simple, that all you have to do is ensure the following to keep your system running at optimum levels...

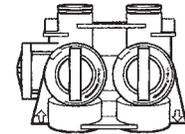
**Electricity**

Keep the Power Supply plugged into an unswitched electrical outlet.



**Valves**

Keep water flowing freely through your system by keeping the Bypass Valves in this position. Turn both valves to the right to bypass your system.



**Salt**

To keep your system running efficiently, fill your brine tank with 8 bags of high quality pellet salt and top-up when necessary.



**Programming**

All you need to do is make sure that the clock is set to the right time of day. Use the up and down arrows to set the clock.



**Battery**

The 9V Alkaline Battery should be replaced when the "REPLACE BATTERY" light is on.

