



North America's #1 Manufacturer  
of High-Quality Cleaning Equipment

# Water Softener

**Prolongs Equipment Life**

***Soft water delivers  
better cleaning results,  
in less time,  
at lower cost !***



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*Requires less detergent*

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*Leaves cleaner surfaces*

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*Shortens washing time*

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*Reduces scale buildup in heater coils*

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*Improves heater efficiency*

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*Sizes available for every application*

## Four Facts You Should Know About Hard Water

### 1. Most communities have hard water

All natural water supplies exhibit at least some degree of hardness. According to the U.S. Geological Survey, hard water is found in about 85% of the United States. Which means the water you use for cleaning contains a certain amount of dissolved minerals, primarily calcium and magnesium compounds, that affect your equipment's cleaning ability and efficiency.

### 2. Hard water reduces cleaning efficiency

Compared to soft water, hard-water washing requires greater effort and greater quantities of cleaning agents. That's because minerals in hard water react with soaps and detergents to produce a sticky, gummy deposit called soap curd. Soap curd interferes with cleaning action and leaves a dull film on cleaned surfaces. Furthermore, the minerals in hard water are left behind as water evaporates, leaving spots.

### 3. Hard water increases operating costs

Obviously, increased detergent use means increased costs. But that's not all. When hard water is heated, minerals form a hard, rock-like scale on the insides of pipes and tubes. This scale eventually reduces water flow and slows heat transfer in pressure-washer coils. The result is reduced performance and increased fuel costs.

### 4. Hard water reduces equipment life

The gradual buildup of scale on the insides of pipes and tubes is a costly process. Eventually, water flow is significantly reduced. Moreover, since heat is not transferred as efficiently, coils can overheat, possibly resulting in service calls, shortened life or replacement.

**Call your Hotsy Representative for a FREE on-site water analysis and equipment recommendations.**

Distributed by:

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## Five Things to Remember About Hotsy's Water Softener

### 1. It's effective

With the elimination of soap curd, soil removal is significantly improved. In one study, conducted by an independent laboratory, comparing hard- and soft-water cleaning, soil removal ranged from 30% to 50% higher when detergents were used with soft water. In addition, the removal of hard-water minerals reduces or eliminates spotting and dulling soap-curd film. Finally, with soft water you'll use less detergent and take less time to do the job.

### 2. It's trouble-free

Commercial and residential water softeners have been around for decades. The technology and equipment are safe, effective and reliable. The Hotsy Water Softener consists of a tank that contains a bed of cation exchange resin (which does the softening), a separate vessel that stores the salt-brine solution used for resin regeneration, plus control valves and timers for automatic operation. All you do is periodically add salt to the brine tank.

### 3. It helps prolong equipment life

After installation of a Hotsy Water Softener, most scale buildup is eliminated, which means pipes and tubing don't get clogged. Your equipment operates at greater efficiency for a longer period of time, reducing your maintenance, repair and replacement costs.



*Scale buildup on the inside of tubes and pipes reduces water flow and impairs heat transfer, shortening equipment life.*

### 4. It's easy to install

The Hotsy Water Softener is quickly and easily installed between your water supply and your pressure-washer. In a matter of hours you'll start enjoying the benefits of soft-water cleaning.

### 5. It's available now...

Call your Hotsy representative to get the facts on Hotsy's immediate solution to hard-water problems. Don't delay. Call today and ask how you can start benefiting from soft water today!

*The brine/salt storage tank periodically regenerates the resin bed, providing a continuous supply of soft water. The result is better cleaning, lower operating costs and longer equipment life.*



*The Hotsy Water Softener provides everything you need. An ion-exchange process in the cation resin bed removes harsh calcium, magnesium, iron and manganese ions from your water supply.*