

PROTECT YOUR HOME FROM HARD WATER

Product Preservers® Tankless Anti-Scale System



- Product Preservers® (PP-AS20) system significantly reduces scale buildup from accumulating in your tankless water heater
- The filter promotes formation of inactive scale crystals which flow through the water heater without sticking to the heat exchanger
- The filter does not add chemicals to the water or require electricity
- It is virtually maintenance free, only requiring a simple filter change every two years



Product Preservers® Anti-Scale System is better at protecting a tankless water heater from scale buildup than isolation valves

Product Preservers®:

- Significantly reduces scale buildup from accumulating in the tankless water heater
- Virtually maintenance free
- Removes the need to install isolation valves unless required by plumbing code

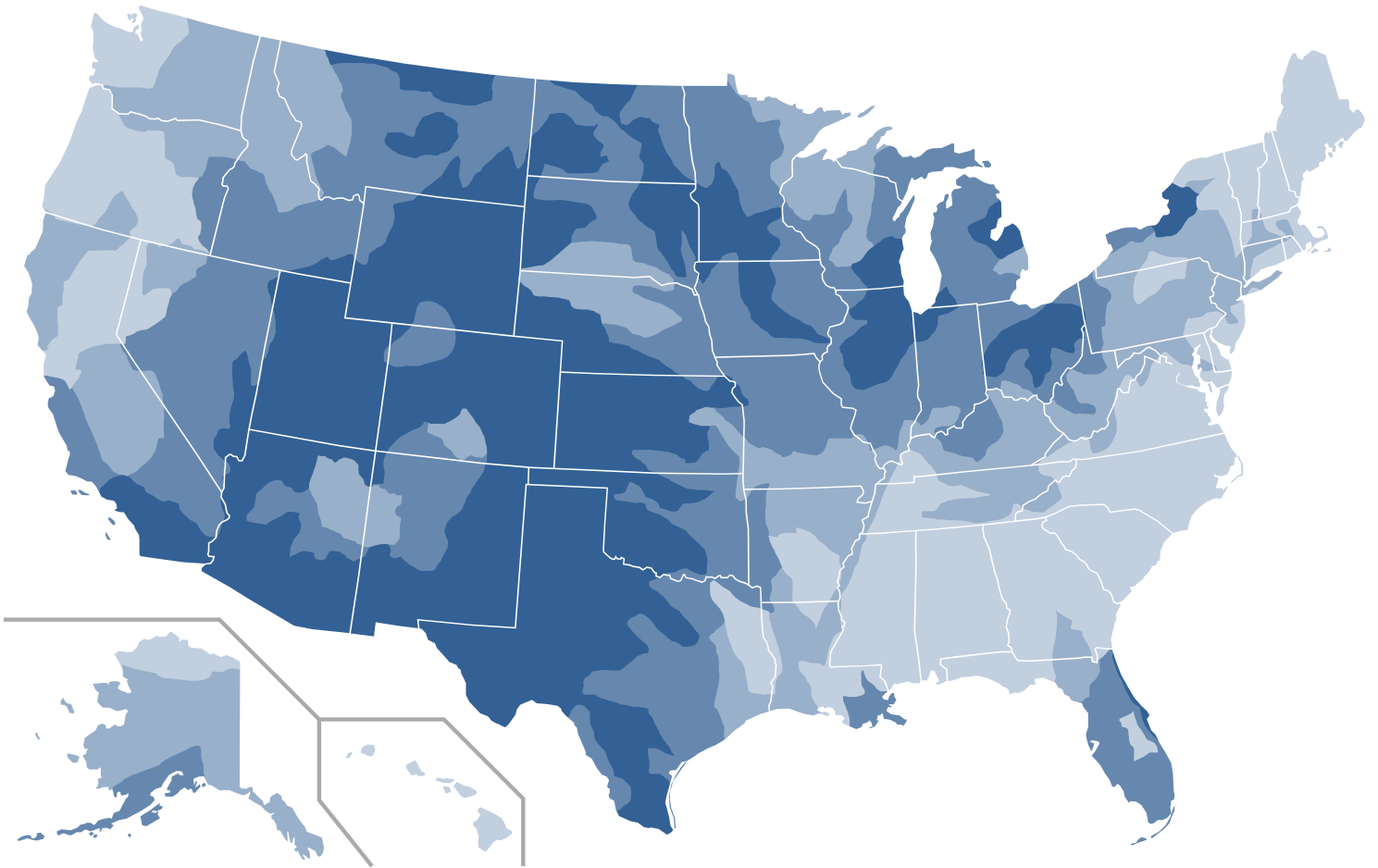
Isolation Valves:

- Tankless water heater should be flushed with a cleaning solution to remove scale buildup
- Flushing out scale is a temporary fix that doesn't return the heater to full efficiency
- Requires more frequent service - may require flushing annually or more often depending on local water conditions

Water quality will play a role in your water heater's performance and cost of operation. Hard water scale is the leading cause of failure in tankless water heaters.

- More than 85% of American homes have hard water
- Scale reduces the efficiency, causes the heat exchanger to overheat, and eventually damages it to the point it begins to leak water

Protect your tankless water heater with a Product Preservers® Anti-Scale Filter



LEGEND FOR WATER QUALITY MAP

Hardness	MG/L	Grains Per Gallon
0-60 Slightly Hard	0-60	0-3.5
61-120 Moderately Hard	61-120	3.5-7
121-180 Hard	121-180	7-10.5
181-250 Extremely Hard	181-250	10.5-14.5

A. O. Smith reserves the right to make product changes or improvements at any time without notice.

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