SPECIFICATION SHEET

NS1 – CATALYTIC HARD WATER CONDITIONER

ADDITIVE & MAINTENANCE FREE LIMESCALE PREVENTION WITHOUT THE USE OF POWER OR MAGNETS

NaturalSof provides an industry proven catalytic solution for limescale prevention as an alternative to conventional ion exchange systems. The NaturalSof unit does not soften water in the traditional sense of removing calcium and replacing it with sodium. NaturalSof does not add anything to your water and does not remove anything either. It uses the properties of calcium carbonate (limescale) to our advantage by creating a soft, non-bonding limescale crystal, of which the majority ends up in the drain.

NaturalSof consists of a non-sacrificial lead free catalytic core made from a special alloy housed within a non-reactive stainless steel (304) tube. Naturalsof's effectiveness is directly related to the flow rate through the device. Too little flow and the device will not operate effectively. Oversizing must be avoided.

FEATURES

- No Maintenance for 10-15 years
- Chemical Free
- Environmentally Friendly
- No Waste Water
- No Drain Required
- No Power Requirement
- Uninterrupted Water Flow
- No Magnets
- Life Expectancy of 10-15 Years

SELECTION GUIDANCE

NS1 is the norm. Correctly sizing NaturalSof is important. For homes with less than 5 bathrooms OR less than 5 users, the NS1 is all that is needed. Do NOT install the NS6 on a home with less than 5 bathrooms OR less than 5 users as the 6 GPM needed to activate treatment will rarely if ever be reached. The NS6 is appropriate for homes that have 5 bathrooms or more AND 5 or more users. Hot water recirculation loops must have a NaturalSof (NS05) installed on the return to the water heater.

	NS05	NS1	NS6
Length (in)	10"	11.5"	12.125"
Weight (lbs)	0.44	2.2	3
Connection	3/8" NPT	1" NPT	1" NPT
Min Flow Req (gpm)	0.5	1	6
Max Flow @50 psi (gpm)	5	10	16

GSA

The Oak Ridge National Laboratory report concluded:
"The technology has demonstrated its effectiveness in this study, and should be considered for adoption by GSA facilities that are experiencing scaling issues in water heating systems. Most larger GSA facilities use cooling towers and hydronic heating systems to meet HVAC needs. These also would benefit from this technology."

NSF/ANSI 61 & 372

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