

## CATALYTIC HARD WATER CONDITIONERS

### CHEMICAL FREE SCALE PREVENTION WITHOUT THE USE OF POWER OR MAGNETS

NaturalSof PRO is an industry proven catalytic solution to hard water limescale build-up as an alternative to conventional ion exchange units or in applications where ion exchange is not possible. NaturalSof PRO does not soften water in the traditional sense of removing calcium and replacing it with sodium. Instead, NaturalSof PRO uses the properties of calcium carbonate (limescale) to our advantage by creating a soft non-bonding limescale crystal. The crystals are less than 1 micron. They flow to a drain in single pass applications and are removed through blow down in recirculating applications. NaturalSof PRO does not add anything to your water and does not remove anything either.

NaturalSof PRO consists of a non-sacrificial, lead-free catalytic core made from a special alloy housed within a non-reactive stainless steel (304) tube. The use of dielectric fittings are not necessary when specifying NaturalSof PRO. Always install a NaturalSof on any hot water recirculating pumps located in the house or business.

Treat entire buildings or individual pieces of equipment. When protecting heating equipment, always remember to put additional NaturalSof PRO units on the hot water recirculating pumps.

Recirculating type equipment like water features or cooling towers must always have a NaturalSof PRO sized for the recirculating loop, and not just the make-up water. A portion of the basin water can be recirculated to utilize a smaller NaturalSof PRO unit. 10% of the total recirculating flow is recommended.

#### FEATURES

- No Maintenance for 10-15 Years**
- Chemical Free and Environmentally Friendly**
- Zero Footprint, No Wasted Space**
- No Waste Water**
- No Power Requirement**
- Uninterrupted Water Flow**
- No Magnets**
- Product Life Expectancy: 10-15 Years**



#### INSTALLATION REQUIREMENTS

- NaturalSof PRO can protect entire buildings or specific pieces of equipment as long as it is sized for the correct flow rate and never over-sized.
- When protecting heating equipment, always place secondary units on hot water re-circulation loops.
- Re-circulating applications like water features or cooling towers require a unit sized for the recirculating flow rate and installed in this loop. An additional unit may be required for the make-up water depending on loss. A smaller NaturalSof unit could be sized if a portion of the basin was circulated, we recommend no less than 10%.
- Low flow applications like ice machines, dishwashers and humidifiers must be treated individually even when a larger unit protects the main line. (P/N - NS05 or NS1)
- Refer to Page 2 for NaturalSof PRO sizing by flowrate

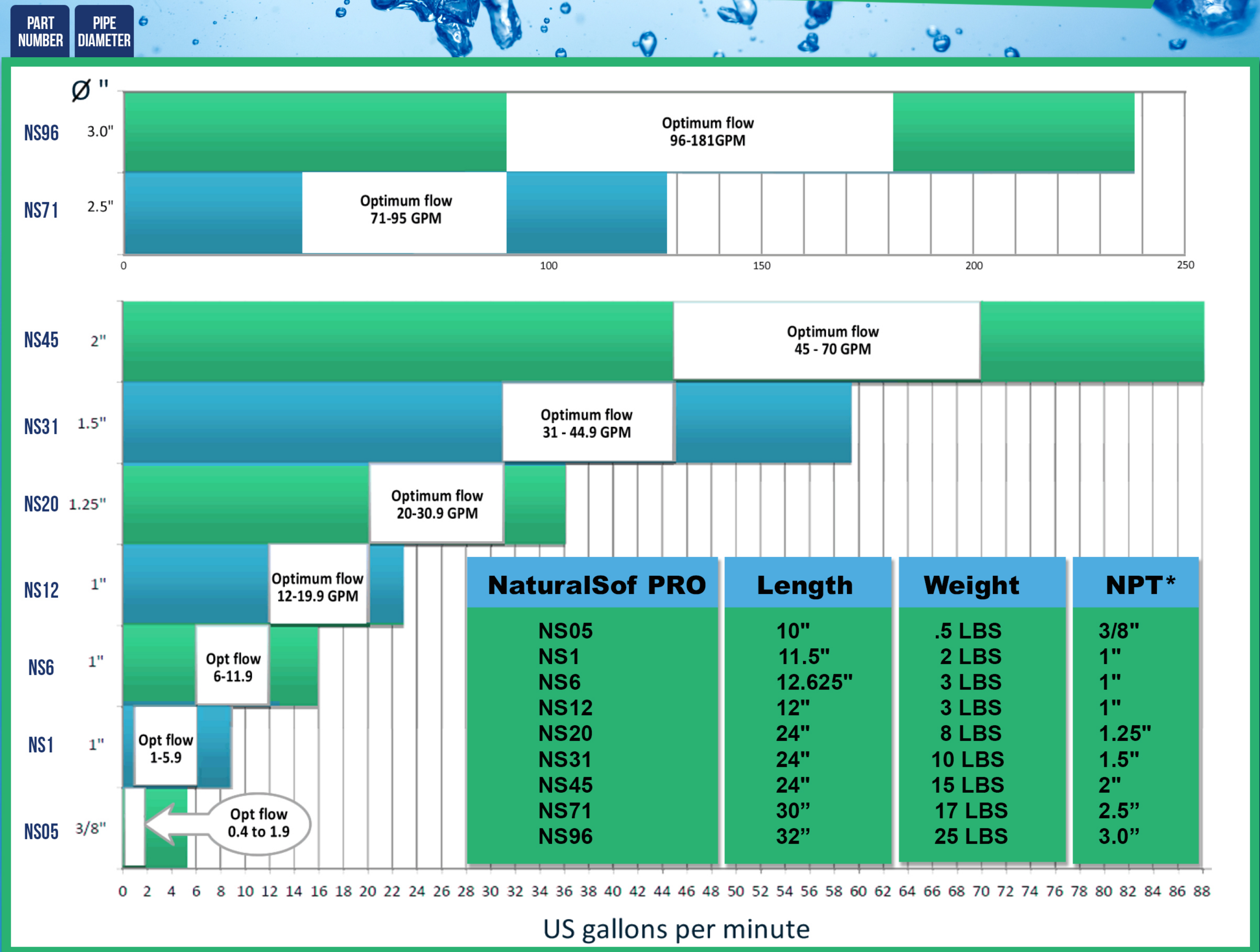


**Technology backed by Science, Endorsed by Industry<sup>™</sup>**

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## NATURALSOF PRO SIZING BY GPM



Connection Sizes: 3/8" through 12" diameter We can handle any flow rate.  
Larger sizes available and custom designed. (Typically 6 week lead time)



\* Actual maximum throughput (GPM) will vary according to system pressure

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## CONNECTION OPTIONS AND OTHER INFO

### INSTALLATION:

NaturalSof PRO can be easily installed to treat an entire system or to protect individual components within a system. There are numerous commercial applications from recirculating systems to single pass applications such as water delivery pipe lines to buildings.



NPT



Quick Fit



ASA 150 Flanges

- \* Quick Fit fittings are also available as an option on sizes 1.25" diameter and above.
- \* ASA 150 Flanges are also available upon request
- \*Maximum temperature 250°F

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