



RHOMAR WATER

Heat Transfer Fluids • Hydronic System Solutions

Boiler Pro™ 903

Concentrated Treatment for Residential and Commercial Steam Boilers

- *Protects system metals, steam and condensate lines against corrosion*
- *Extends boiler life and protects boiler warranty*
- *Multi-purpose, all-in-one steam treatment: Oxygen scavenger, sludge conditioner, acid neutralizer and corrosion inhibitor for boiler and steam lines in one product*
- *Excellent fluid for summer storage*
- *Helps control system fluid pH*
- *Prevents maintenance problems due to scale and corrosion*
- *Keeps system efficiency high*
- *Non-hazardous & environmentally friendly*
- *Concentrated product - requires on-site dilution*



Available in a variety of sizes.



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DESCRIPTION:

Boiler Pro™ 903 is a premium multi-purpose product designed for use in residential and small commercial steam boilers. **Boiler Pro™ 903** is formulated to provide continuous protection from scale and corrosion in boilers and steam /condensate lines as well as dispersing suspended solids for easy removal during blowdowns.

ADVANTAGES:

Boiler Pro™ 903 is an ideal product for regular water treatment, maintenance and protection of old or new steam boiler systems. Properly applied and controlled **Boiler Pro™ 903** will maintain scale-free heat transfer surfaces, protect against oxygen pitting corrosion, disperse suspended solids and neutralize acids in steam and condensate lines. **Boiler Pro™ 903** is non-corrosive at use concentration and will passivate and protect systems metals from corrosion. **Boiler Pro™ 903** is safe to store and handle and contains no acids or heavy metals.

DIRECTIONS:

It is recommended that new and used boilers first be properly cleaned using Rhomar **HYDRO-STEAM™ 9150** steam boiler cleaner. **Boiler Pro™ 903** should then be slug dosed to the system at 1 quart per 10 gallons of system volume. A short 3-5 second blow down on all valves is recommended once a month or when conductivity levels reach 4000 mmhos/cm (uS/cm). After blowdown, add additional **Boiler Pro™ 903** at ½ the normal dosage or when boiler water sulfite levels drop below 20 ppm. Regular slug additions of treatment will ensure proper protection from incoming oxygen. Should boiler water become dirty or foaming and surging occur, do additional short frequent blowdowns until water clears before adding **Boiler Pro™ 903**. At the end of the heating season, slug dose the boiler with **Boiler Pro™ 903** at twice the normal dosage and fill the boiler to the top with water to remove all air. This will provide corrosion protection during the off-season.

TESTING:

The normal operating pH for **Boiler Pro™ 903** is 11.0-12.0. **Boiler Pro™ 903** treatment levels and blowdown requirements may be more accurately controlled with proper testing. Add **Boiler Pro™ 903** until a sulfite level of 30 ppm or higher is achieved. Sulfite levels will drop rapidly when oxygen enters the system with makeup water. Residual sulfite levels of 100 ppm or higher are acceptable to protect the system from corrosion. Add more treatment when sulfite level falls to 30 ppm or less. Blowdown boiler when water conductivity levels reach 4000 mmhos/cm. Sulfite test kits and conductivity meters can be purchased from your local Rhomar Water distributor. Fluid samples can also be sent to Rhomar Water for in-depth testing if needed. Completely and accurately fill out the "Water Test Request Form" found on our website at www.rhomarwater.com and send it along with the boiler fluid sample. Contact our technical department with questions regarding the testing and use of the **Boiler Pro™ 903**.

BLOWDOWNS:

Dissolved solids and chemical performance additives in boiler water will accumulate over time and need to be removed with boiler blowdowns. High dissolved solids may cause forming, surging and carry-over into the steam lines. Blowdowns should be performed when boiler water conductivity levels reach 4000 mmhos/cm.

ATTENTION:

Variations of product color may be caused by exposure to UV or sunlight, or mixing with chlorinated water. This does not affect product performance.

REORDERS:

Call **800-543-5975** or visit our website at www.RhomarWater.com.