



**THE FUTURE
OF WATER HEATING**

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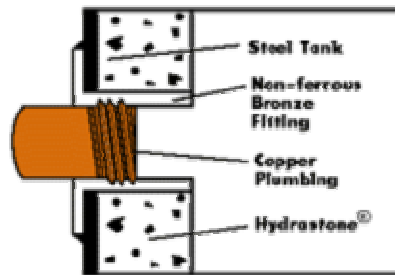
All the latest news in the Industry and at Vaughn

TURNKEY

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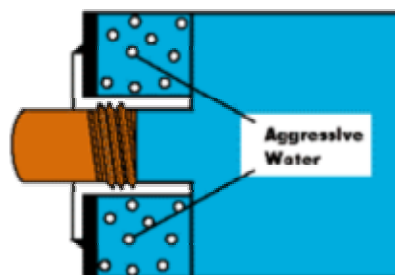
THE STONE STORY

Unlike conventional glass lined tanks, Vaughn's tanks are protected by the superior **Hydrastone®** lining which absorbs the water and holds it against the inner tank.



The heart of every Vaughn Water Heater is the Hydrastone® lining which protects the **steel tank** (shown at left) from the corrosion action of water. Corrosion in a water heater has

essentially two forms: **Electrolysis** (due to dissimilar metal) and **Oxidation** (or rusting, as when oxygen contacts a steel surface). The combination of our nonferrous, brass plumbing connection and the seamless 1/2" Hydrastone® lining efficiently protects the inner tank from both forms of corrosion...



As water first enters the tank, it is absorbed into the finely porous Hydrastone lining. This initial water contains oxygen capable of creating corrosion and is

therefore **aggressive**. Some of the aggressive oxygen will contact the steel tank and actually cause a small amount of corrosion. This process of corrosion uses all the oxygen in the initial water supply and changes it from aggressive to inert, non-corrosive water.



The **inert water**

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is now trapped within the Hydrastone® lining by adhesion and is never displaced throughout the life of the heater. A blanket of non-corrosive water lines the entire inner steel tank protecting it from further aggressive water and corrosion, without the need for anode or sacrificial rods. The superior corrosion protection and energy saving design features of Vaughn's water heaters are the reasons why they're called...

"The Rolls Royce of Water Heaters," - Consumer Digest

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