



# HOUSTRON<sup>®</sup>

Whole Home Scale Prevention

## Specification Sheet

**Chemical free scale prevention without the use of power or magnets**

Fluid Dynamics provides an industry proven catalytic solution for scale prevention as an alternative to conventional ion exchange systems that have been used in the past. The residential product Houstron replaces a section of pipework and can be specified without the need to make provision for floor space or power.

The Houstron 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 di-electric fittings is not necessary when specifying a Fluid Dynamics catalytic product.

Certified Lead-Free



Houstron with cutaway showing the catalytic core

Units sized from 3/8" to 1" diameter

### Features:

- Chemical Free and Environmentally Friendly
- No Power Requirement
- No Waste Water
- No Maintenance
- Scientifically Confirmed Technology
- Uninterrupted Water Flow
- No Magnets
- Product Life Expectancy: 15+ Years



## Selection Guidance:

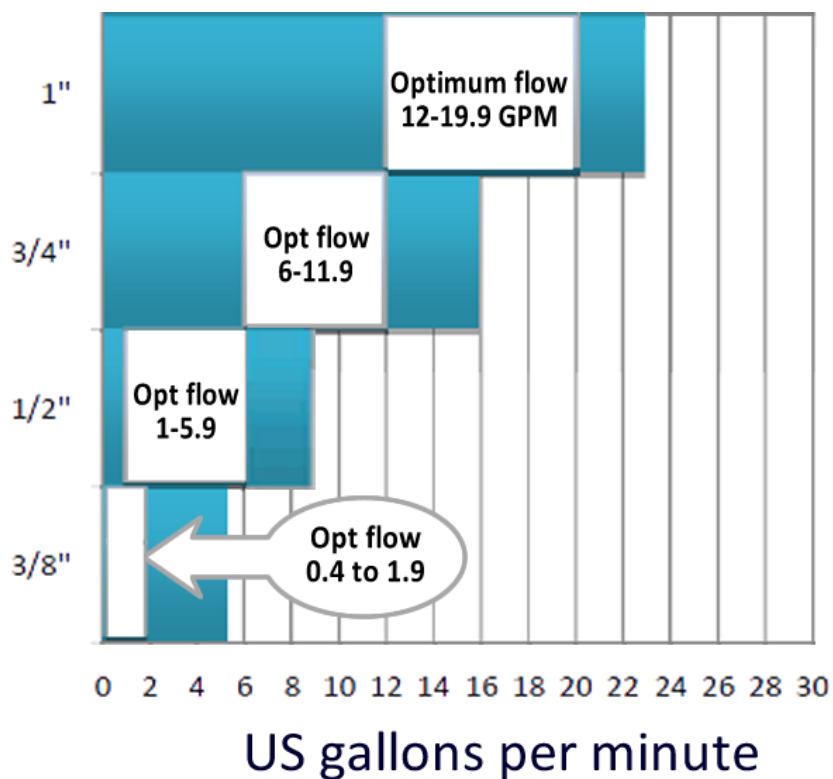
Peak and average flow rates should be considered when selecting the correct Housetron for a system. Once the flow has been determined the “Product Selection Guidance Chart” shown below will provide assistance in selecting the diameter suited to the application.

The goal is to determine and select the minimum diameter unit that can be used without incurring unacceptable pressure losses at peak demand periods.

The minimum sized diameter unit capable of supplying the peak time flow without unacceptable pressure losses should be selected.

Note: While the greatest degree of treatment will occur during peak times, treatment still takes place at other flow rates maintaining scale prevention requirements.

### Diameter



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

Technology Backed by Science, Endorsed by Industry<sup>TM</sup>



## Installation:

The Housetron can be easily installed to treat an entire home or to protect individual components within a system.

## Fitting Options:



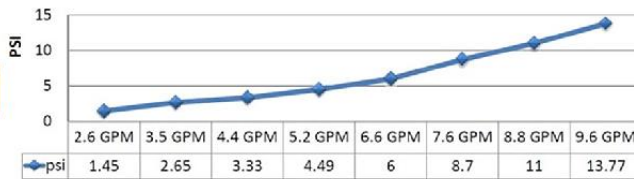
NPT

**Connection Sizes: 3/8" through 1" diameter**    **Flow Rates: 0.44GPM to 26GPM**

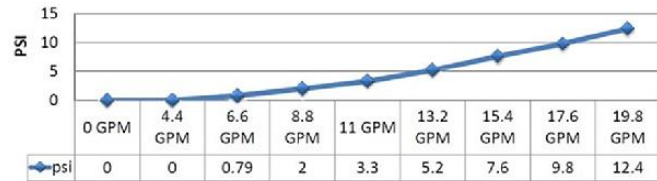
<i>HOUSTRON</i>	<i>Length</i>	<i>Diameter</i>	<i>Weight</i>	<i>NPT*</i>	<i>Max Pressure</i>
<i>0038ht</i>	<i>10"</i>	<i>3/8"</i>	<i>.44 LBS</i>	<i>3/8"</i>	<i>232 PSI</i>
<i>0050ht</i>	<i>10"</i>	<i>1/2"</i>	<i>.75 LBS</i>	<i>1/2"</i>	<i>232 PSI</i>
<i>0075ht</i>	<i>12"</i>	<i>3/4"</i>	<i>2.3 LBS</i>	<i>3/4"</i>	<i>232 PSI</i>
<i>0100ht</i>	<i>12"</i>	<i>1"</i>	<i>3.3 LBS</i>	<i>1"</i>	<i>232 PSI</i>

## Pressure Drop Graphs

1/2"



3/4"



1"

