

TECHNICAL BULLETIN

»» WATER HAMMER ARRESTERS

SUBJECT: Sioux Chief Water Hammer Arresters – No Access Panels Required

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The American Society of Sanitary Engineering (ASSE) defines their standard 1010 as: “Engineered Water Hammer Arrestor having a cushion of air or gas permanently sealed in the unit, and designed to provide continuous protection, without maintenance, against excessive surge pressure.” More simply stated, an arrester that bears the ASSE seal must be totally maintenance free. This automatically excludes air chambers or any field rechargeable shock arrester. The ASSE tests are based on those of the Plumbing and Drainage Institute (PDI) and conducted on PDI testing equipment.

The Sioux Chief HydraRester™ and MiniRester™ water hammer arresters have been tested and are found to be in compliance with the ANSI/ASSE-1010-2004 Revision.

On the average, a plumbing contractor will spend approximately thirty minutes on an access panel. Obviously, if access panels are not otherwise specified, most contractors will require an arrester approved by ASSE. Eliminating access panels saves the plumbing contractor time and cuts product and labor costs.

The HydraRester™ and MiniRester™ are designed with cold-formed, spin closed ends and have no welded seams for two basic reasons: (1) An air charge cannot be depleted through a seam which does not exist and, (2) Labor costs are kept down with a much more efficient and cost effective manufacturing process. Many manufacturers still employ the welding or soldering process which is time consuming. These manufacturing costs are reflected in higher product prices to the plumbing contractor.

The information contained herein is believed to be reliable, but is subject to change without notice. No guarantees of any kind are made as to its accuracy, suitability for particular applications or conclusions obtained therefrom. Before use or installation, the user shall determine the suitability of the information for the intended purpose, and shall assume all risk and liability in connection therewith. Use of any/all Sioux Chief product shall be in accordance with supplied instructions, common practices, local codes and legal requirements.