

## No More Plain Air Chambers

**KANSAS CITY, MO, February, 2017** – Sioux Chief Mfg. announces, as of March 1, 2017, they will discontinue the sale of permanent air chambers, such as their 629-Series Reducing Air Chambers and 682-Series StubAirs. All other spun closed preformed copper stub outs will continue to stay in the line with the labeled notice that these products are *intended for temporary stub out applications only, and not to be used as permanent air chambers*.

Plain air chambers (handmade or factory made) have been installed for water hammer control for over a hundred years, but now have become a dying breed. It is a well-known fact that air chambers quickly waterlog and are rendered useless. For that reason, the vast majority of contractors now install engineered arresters on residential and commercial projects to satisfy the water hammer control requirements of their local codes. Unlike plain air chambers, certified arresters are permanent products that do not waterlog.

More recently, engineers, health organizations and national design guides now strongly recommend that plain air chambers, otherwise known as *dead legs*, should not be permitted in potable water systems, because stagnant water promotes the growth of bacteria such as Legionella.

Legionella (Legionnaires' Disease) has become a hot topic in the plumbing industry. More and more deadly outbreaks in building water supply systems are occurring every year. The National Institutes of Health's Plumbing Design Guide specifically calls out that *plain air chambers should NOT be permitted due to their potential for stagnation*. Certified arresters that do not harbor stagnant water, such as piston-style arresters, should be installed instead.

For more information on arresters and water hammer control, visit Sioux Chief's website at [www.siouxchief.com](http://www.siouxchief.com).

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### More About Sioux Chief:

Since 1957, Sioux Chief has manufactured innovative plumbing products. It is a leader in providing rough plumbing solutions for residential, commercial, industrial and government applications. Sioux Chief's comprehensive product line is comprised of three core groups: Supply, Drainage and Support. Sioux Chief products are sold to qualified wholesale distributors and retailers worldwide. The company is headquartered in Peculiar, Missouri – just outside of Kansas City.

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