

Tech Data

Viega ProPress® Venturi Insert Model 2911.5ZL



Description

Stagnant water can harbor dangerous pathogens in domestic water distribution systems. Reducing stagnation helps to maintain design temperature and residual disinfectant levels both of which reduce the propagation of waterborne pathogens, leading to a safer domestic water distribution system.

Viega's Venturi insert can be used to induce flow in seldom used remote fixtures. Water flows along the path of least resistance. By manipulating pressure, a Venturi can alter the path of least resistance and reduce stagnation.

Features

- Designed to easily fit between Viega ProPress tees
- Flow direction indicated by arrow
- Designed to provide required spacing between tees
- Induces flow in seldom used fixtures
- EPA registered antimicrobial bronze alloy

Approvals

- NSF/ANSI 61 and 372
- UP Code
- CSA



This document is subject to updates. For the most current Viega technical literature please visit www.viega.us.



Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**



Zero Lead identifies Viega products meeting the lead-free requirements of NSF 61 through testing under NSF/ANSI 372 (0.25% or less maximum weighted average lead content.)

Compliant With

- ASTM B-75
- ASTM B-88
- ASHRAE Guideline 12
- USGBC

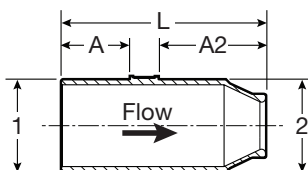


Refer to the [ProPress Copper Tube Compatibility Tech Data](#) on the [viega.us](http://www.viega.us) website for a list of compatible B-75 tubing.

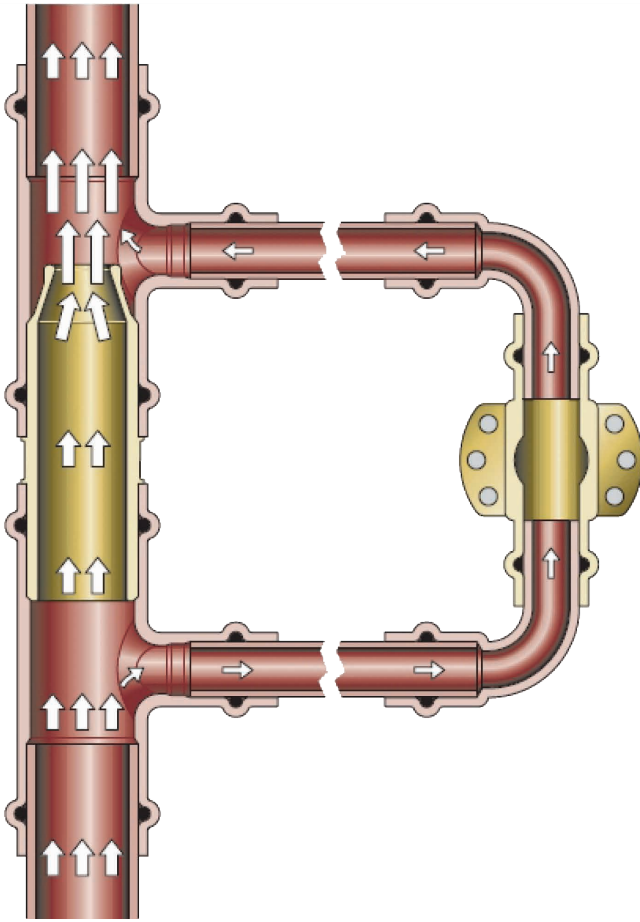
Typical Applications

- Mop sink
- Classroom sink
- Drinking fountains
- Janitor's sink
- Break room sink

Viega ProPress Venturi Insert Zero Lead Bronze - Model 2911.5ZL

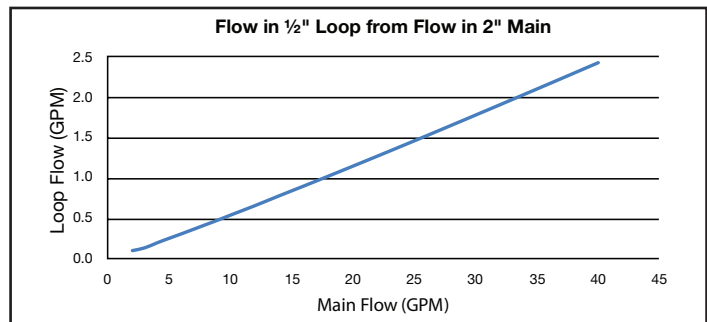
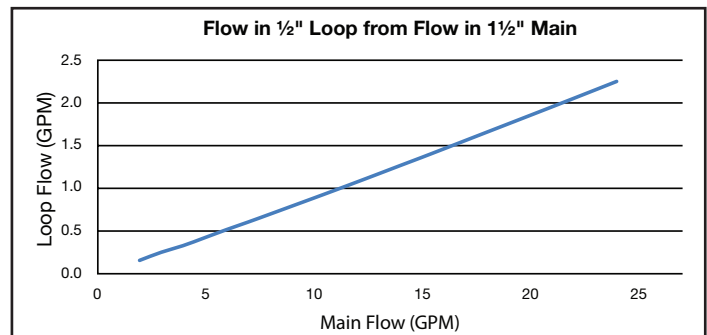
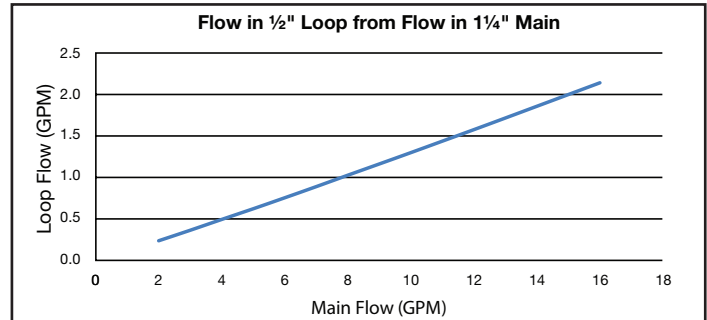


Part No.	Size (in)	A (in)	A2 (in)	L (in)
	1 2			
78810	1¼ x 1¼	1.02	1.60	3.07
78811	1½ x 1½	1.43	2.10	3.98
78812	2 x 2	1.58	2.45	4.48



Function

As water flows through the venturi, in accordance with Bernoulli's principal, the water flows faster but at a reduced pressure. The local low pressure area at the outlet of the venturi induces flow through the loop. Water flows along the path of least resistance, therefore the Viega venturi insert does not have an equivalent length of tubing. The overall pressure reduction can be calculated by loop flow (from graph) and applying standard pipe friction loss tables or graphs to the loop.



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TD-PP 0320 Venturi Insert

