

Insta-Valve[®] PLUS

Hydra-Stop Insertable Valve

Insta-Valve Plus[®], the award-winning, easy-to-install, easy-to-use insertable valve, gives professionals unprecedented control of their distribution systems. Imagine inserting valves wherever you need them, in a fraction of the time it used to take, without disrupting service. Take control with Insta-Valve Plus. It has never been easier. Patent # 6,810,903

The award-winning Insta-Valve Plus from Hydra-Stop[®] is a resilient seat wedge valve that uses bullet stopper technology to stop flow in all types of pipe and can be installed under pressure, up to 150 psi. The Insta-Valve Plus exceeds industry standards and provides a safer, more economical way of inserting valves in your system. The Insta-Valve Plus is easy to use and even easier to install. They install in half the time, without service disruption, providing immediate system control with only one cut.

The new Plus design includes the industry standard bronze stem collar and a heavy duty valve stem for the strongest of valve operators. Insta-Valve Plus stops flow in all types of pipe 4" to 16" including potable water mains, wastewater force and gravity mains, and industrial applications. It can be installed using existing Hydra-Stop equipment or as a stand alone system.

The sealing surfaces of the new Plus design have been completely re-engineered from the previous 360° vulcanized sealing surface. The new design consists of a compression molded hyperbolic parabola seating surface joined to the radial axis sealing area that optimizes the seal at both the pipe and the coupon removed location. Also important is the addition of a new centering plate for improved positioning control.

Insta-Valve Plus Features

Insta-Valve Plus provides:

- Constant flow
- Peace of mind
- System control
- Immediate results
- Value added options
- Clean drinking water
- Safe working conditions
- A water conservation measure
- Employee efficiency, reducing employee overtime

Insta-Valve Plus eliminates:

- Boil orders
- Complicated planning
- Loss of fire protection
- Large street excavations and street patches
- Working in unsafe trenching and knee-high mud
- Reaming the pipe wall or completely severing the pipe
- Not having isolation zones in the event of contamination



Insta-Valve Plus can be installed with your existing Hydra-Stop equipment or as a stand alone system. Easy installation makes the Insta-Valve Plus a versatile part of the Hydra-Stop System.

About HYDRA-STOP

Hydra-Stop is the world's only manufacturer of pipe maintenance equipment designed to allow you to perform line stopping, valve insertion, and line tapping with its integrated and expandable Hydra-Stop System. Hydra-Stop provides planned and emergency contract services for municipal, industrial, and gas applications.

Insta-Valve Applications

- Potable water mains
- Wastewater force mains
- Industrial

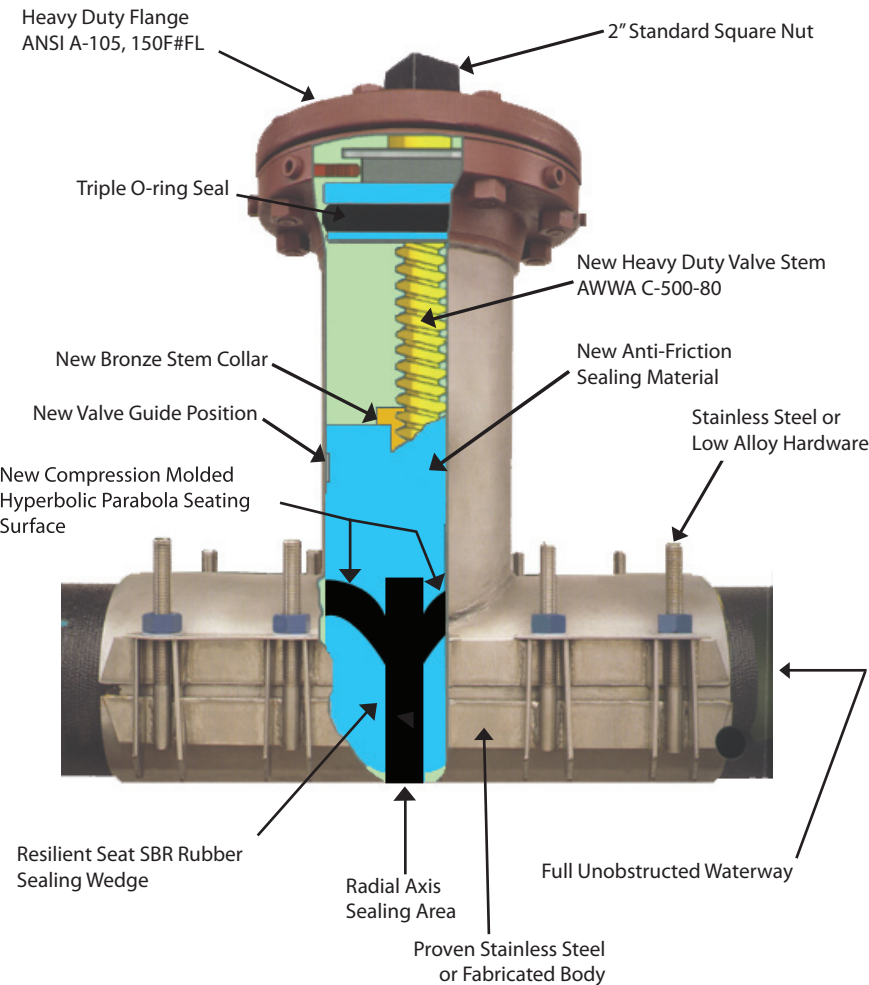
Insta-Valve Plus is not guaranteed to provide 100% shutdown. Insta-Valve Plus will provide a workable shutdown for pipeline maintenance, often achieving 100%.

Winner of the Construction
Innovation Forum's
Prestigious NOVA Award



HYDRA-STOP[®]
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Hydra-Stop's Insta-Valve Plus provides a means to install a permanent block (open-close) valve into a pressurized water main with no interruption of flow through the pipe and no reduction of line pressure (up to 150 psi). The insertion of an Insta-Valve Plus is accomplished through a single circular whole cut (under full line pressure) into the top of the pipe with no reaming. The Insta-Valve Plus, itself, permanently remains in the water distribution piping to allow shutdowns in the same manner as any gate valve which would have been originally installed with the water main.



Insta-Valve Plus is now available with a weld-on nipple and full encirclement in sizes 4" thru 16" and can be used on:

- Steel
- Cast iron
- Ductile iron
- Asbestos cement
- PVC
- PE

Custom sizes available on request.

Insta-Valve Plus Specifications

Insta-Valve Plus can be installed using existing Hydra-Stop equipment or as a stand-alone system.

The high quality Insta-Valve Plus meets or exceeds industry standards for years of trouble-free service.

Insta-Valve Plus Insertable Valves

Part Numbers	Size
IV A 04.00	4in/100mm
IV A 06.00	6in/150mm
IV A 08.00	8in/200mm
IV A 10.00	10in/250mm
IV A 12.00	12in/300mm
IV A 14.00	14in/350mm
IV A 16.00	16in/400mm

All sizes are approximate. Custom sizes available on request.

The Hydra-Stop Insta-Valve Plus includes:


1. Standard valve nut
2. Valve body made of 304 stainless steel
3. Valve gate made of SBR rubber
4. Valve stem made to AWWA C-500-93 Section 3.12 specifications
5. ANSI A-105, 150 lbs. rated flange
6. Available in:

Weld On - **Nozzle or Split Tee**

Clamp On - **Standard or Extra Heavy**

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ADS. An IDEX Fluid & Metering Business. 

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