

IVP 250™

Hydra-Stop Insertable Valve

The new 16" IVP 250 from Hydra-Stop is the next generation of permanent, insertable gate valves offering increased strength, improved performance, and simplified installation and operation. Its predecessor, the award winning 150 psi rated Insta-Valve Plus, is the most installed gate valve in the industry. A result of years of successful installations and dedicated research and development, this redesigned and reengineered gate valve continues Hydra-Stop's legacy of setting the industry standard for insertion valves.

Patent Pending

The Hydra-Stop Difference - It's Inside!

Hydra-Stop's new IVP 250 can be installed using Hydra-Stop's newly designed 16" insertion equipment. The IVP 250 is the only insertion valve offered with a stainless steel valve body. The IVP 250 is rated for a 250 psi working pressure and up to a 375 psi test pressure.

IVP 250 was designed in response to the feedback from Hydra-Stop equipment owners and service providers and their requests for a higher pressure gate valve. New design features of the IVP 250 include: a 2" diameter stainless valve stem for superior strength and reliability; interchangeable valve gate to accommodate most types of pipe; a double o-ring seal; true "wedge" style gate design; new valve gate seal; thrust washers; paddle shields; and loose stem nut design for simplified operation and superior performance in severe conditions. Other customer responsive improvements in the IVP 250 include superior sealing process, elimination of key ways, and improved installation process.

IVP 250, like Insta-Valve Plus, is installed in three simple steps.

1. Install the valve body
2. Make a line tap
3. Install the gate

IVP 250 Features

IVP 250 provides:

- 250 psi working pressure / 375 psi test pressure
- Re-engineered gate/paddle assembly
- Re-engineered gate housing
- New Paddle shield
- Stainless Steel Valve Stem
- Stainless Steel Valve Body

IVP 250 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



Insertable Gate Valves from Hydra-Stop require only one cut, no reaming, and cause no excessive pipe strength loss.

About Hydra-Stop

Hydra-Stop is a leading provider of integrated and expandable pipe maintenance equipment. In business for over 30 years, their experience and commitment are built in to every product and every project. The low-cost, lightweight equipment of the innovative Hydra-Stop System provides new solutions to the old dilemma of shutdowns vs. live repairs.

IVP 250 Applications

- Potable water mains
- Wastewater force mains
- Industrial

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Frequently Asked Questions

1. What is IVP 250?

IVP 250 is a 250 psi rated permanent resilient seat gate valve that is inserted, under pressure, to add control points and isolation zones to your system.

2. How does IVP 250 seal?

IVP 250 features a new contour seal design that optimizes the sealing characteristics providing the best performance and reliability of any valve insertion technology available today.

3. Is the IVP 250 simple to install?

Yes, IVP 250 can be installed in as little as one hour. Simply install the valve body, make a line tap, and install the gate.

4. Can the IVP 250 gate be replaced?

Yes, by reversing the installation process you can simply install a new IVP gate if needed.

5. Does the IVP 250 work on all common types of pipe?

Yes, IVP 250 can be installed on all common types of pipes.

6. What if my application requires me to use a valve that needs to meet AWWA C-509-01 or C-515-01 standards?

AWWA does not have a standard for insertion valves. If your application requires you to use a valve that meets AWWA C-509 or AWWA C-515 you can simply use a line stop to cut-in the AWWA approved valve of your choice.

7. In which sizes is the IVP 250 available?

Currently IVP 250 is available in 16". Additional sizes will be available in the future. Sizes 10", 12" & 14" IVP 250s are currently being developed. Hydra-Stop's IVP 250 provides a means to install a permanent valve into a water main with no interruption of flow through the pipe and no reduction of line pressure (up to 250 psi). The insertion of an IVP 250 is accomplished through a single circular hole cut (under full line pressure) into the top of the pipe with no reaming. The IVP 250 permanently remains in the pipe and operates in the same manner as any gate valve.



IVP 250 Specifications

IVP 250 can be installed using Hydra-Stop's newly designed 16" valve insertion equipment or as a stand-alone system. The high quality IVP 250 meets or exceeds industry standards for years of trouble-free service.

IVP 250 Insertable Valves

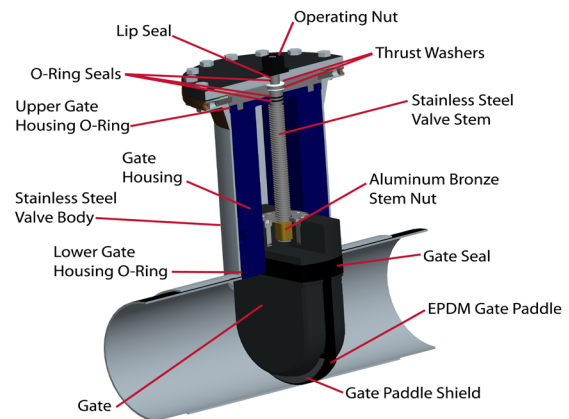
Part Number	Size
IVP 250 16.00	16in/400mm

The Hydra-Stop IVP 250 includes:

1. Standard valve nut
2. Valve body made of 304 stainless steel
3. Valve gate made of EPDM rubber
4. Valve stem made of 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

IVP 250 can be used on:

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



HYDRA-STOP®

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Ask for our cost comparison sheet and visit us on the Web at www.Hydra-Stop.com

Specifications subject to change without notice.