

20"–24"

# INSTA-VALVE® 20–24

**The reliability, strength, quality and value are unmatched.**

**When your project calls for the best, specify an Insta-Valve insertion valve.**

## KEY FEATURES

- Requires no system shutdown
- Eliminates 100 percent of the costs related to shutting down a system
- Engineered valve cartridge for a drip tight seal
- 150 psi working pressure, however the qualification process to obtain a 250 psi pressure rating is underway and is expected soon
- Ductile iron valve construction with fusion-bonded epoxy coating
- Permanent asset for site-specific control
- Can be installed on ductile iron (DI) and cast iron (CI) pipes in as little as 4 hours
- No need to ream or sever the pipe, only a single tap needed for installation
- Bevel gear available for horizontal installation

## HOW IT WORKS

The installation of the Hydra-Stop Insta-Valve 20-24 insertion valve is accomplished through a single circular hole — commonly known as a “tap” — cut under full line pressure into the top of the pipe without the need to ream or sever the pipe. By installing the Insta-Valve 20-24 right where a control point is needed, you gain a permanent asset allowing system control and maintenance in the same manner as a resilient seated gate valve.



# 20"-24" INSTA-VALVE® 20-24

## FREQUENTLY ASKED QUESTIONS

**Q. Is the tapping machine powered by air or hydraulic drive?**

**A.** Hydraulic. Air drive is not available.

**Q. What is the ID range for the Insta-Valve 20-24?**

**A.** The ID range for the 20-inch insertion valve is 20.00"-20.82" and the 24-inch insertion valve's is 24.00"-24.89".

**Q. What is the OD range for the Insta-Valve 20-24?**

**A.** The OD range for the 20-inch insertion valve is 21.45"-22.25" and the 24-inch insertion valve's is 25.65"-26.47".

**Q. How does the Insta-Valve 20-24 seal?**

**A.** The engineered valve cartridge has a mechanically actuated, resilient wedge that expands to provide a drip-tight seal with minimal torque.

**Q. How long does the Installation take?**

**A.** Installation of the Insta-Valve 20-24 can be completed in one day, ensuring your project is completed on time and on budget.

**Q. Can the Insta-Valve 20-24 be installed vertically and horizontally?**

**A.** Yes. Please refer to the Insta-Valve 20-24 Installation Instructions for more information.

**Q. On what type of pipe can the Insta-Valve 20-24 be installed?**

**A.** The Insta-Valve 20-24 can be installed onto Ductile Iron (DI) and Cast Iron (CI) pipes.

**Q. What is the pressure rating for the Insta-Valve 20-24?**

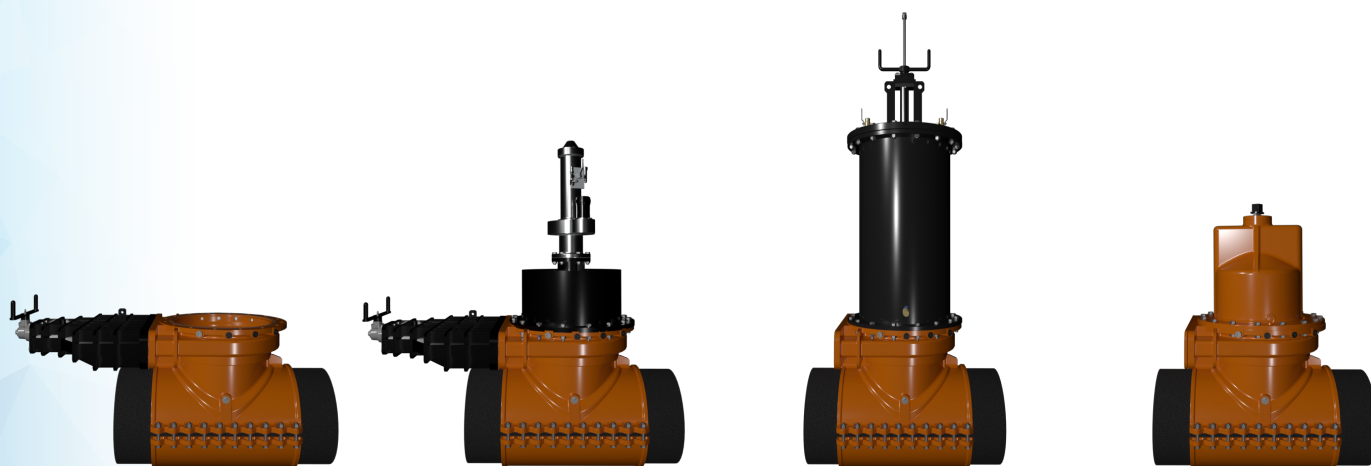
**A.** Current pressure rating of the Insta-Valve 20-24 is 150 psi, however the qualification process to obtain a 250 psi pressure rating is underway and is expected soon.

**Q. What sizes are available for the Insta-Valve 20-24?**

**A.** The Insta-Valve 20-24 is available in 20" and 24" sizes. Larger sizes are currently in development.

**Q. Is the Insta-Valve 20-24 a permanent valve?**

**A.** Yes, the Insta-Valve 20-24 is a permanent valve designed to provide decades of trouble-free operation, and can be capitalized and depreciated over time.



Step 1: Mount and pressure test

Step 2: Perform tap

Step 3: Insert cartridge

Step 4: Operate valve as needed