

SLUICE VALVE MANUFACTURER FROM AHMEDABAD

Cair Euromatic Automation Pvt. Ltd. is a trusted Sluice Valve Manufacturer in Ahmedabad, specializing in the design, development, and in-house manufacturing of high-quality sluice valves for water supply, irrigation, wastewater treatment, municipal, and industrial pipeline applications. With 30+ years of experience, we deliver reliable, customized valve solutions that meet diverse project requirements.

What is a Sluice Valve?

A sluice valve is an isolation valve used to completely start or stop the flow of water in a pipeline. It operates by lifting or lowering a gate inside the valve. When fully open, water flows with minimal pressure loss. When fully closed, the valve provides a secure shut-off, making it ideal for water distribution and industrial pipeline systems.

Types of Sluice Valves

Metal Seated Sluice Valve

Metal seated sluice valves feature metal-to-metal sealing, making them suitable for heavy-duty applications where strength, durability, and resistance to wear are required.

Soft Seated (Resilient Seated) Sluice Valve

Soft seated sluice valves use an EPDM rubber-lined wedge to provide leak-tight sealing, smooth operation, and reliable performance in clean water applications.

Rising Stem Sluice Valve

A Rising Stem Sluice Valve has a stem that moves upward when the valve is opened, giving a clear visual indication of the valve position. It is ideal where sufficient vertical space is available.

Non-Rising Stem Sluice Valve

A Non-Rising Stem Sluice Valve keeps the stem inside the valve body during operation, making it the preferred choice for underground pipelines or installations with limited space.



Manual or Motorized Sluice Valve?

Manual Sluice Valve

Manual sluice valves are operated using a handwheel or gearbox. They are economical, easy to maintain, and suitable for applications where the valve is operated occasionally.

Motorized Sluice Valve

Electric Actuator Operated Sluice Valves provide automatic opening and closing at the push of a button or through remote control systems. They reduce manual effort, improve safety, and are widely used in modern water treatment plants, pumping stations, dams, irrigation systems, and industrial facilities.

Benefits

- Complete pipeline isolation
- Smooth opening and closing operation
- Manual and electric actuator operated options
- Rising Stem and Non-Rising Stem designs
- Metal Seated and Soft Seated models
- Low maintenance and long service life
- Easy installation between pipeline flanges
- Custom sizes and pressure ratings available
- Suitable for water supply, wastewater, irrigation, and industrial applications



Specifications

- Available Size: 2" to 56" (50 mm to 1400 mm)
- Power Supply: 110V AC / 415V AC / 380V AC / 24V DC
- Operation: Manual or Electric Actuator Operated
- Stem Type: Rising Stem / Non-Rising Stem
- Design Standard: IS 14846
- Applications: Water Supply, Irrigation, Sewage Treatment Plants, Water Treatment Plants, Pumping Stations, Industrial Pipelines

Why Choose Cair Valve?

At Cair Valve, every sluice valve is manufactured using premium-quality materials and undergoes strict in-house quality testing. We offer customized solutions based on your pipeline size, pressure rating, flange standard, and operating requirements. Our experienced engineering team helps you select the right valve for reliable performance and long service life.

Looking for a reliable Sluice Valve Manufacturer in India? Contact Cair Valve today. Share your project details, and we'll recommend the best manual or motorized sluice valve solution for your application.