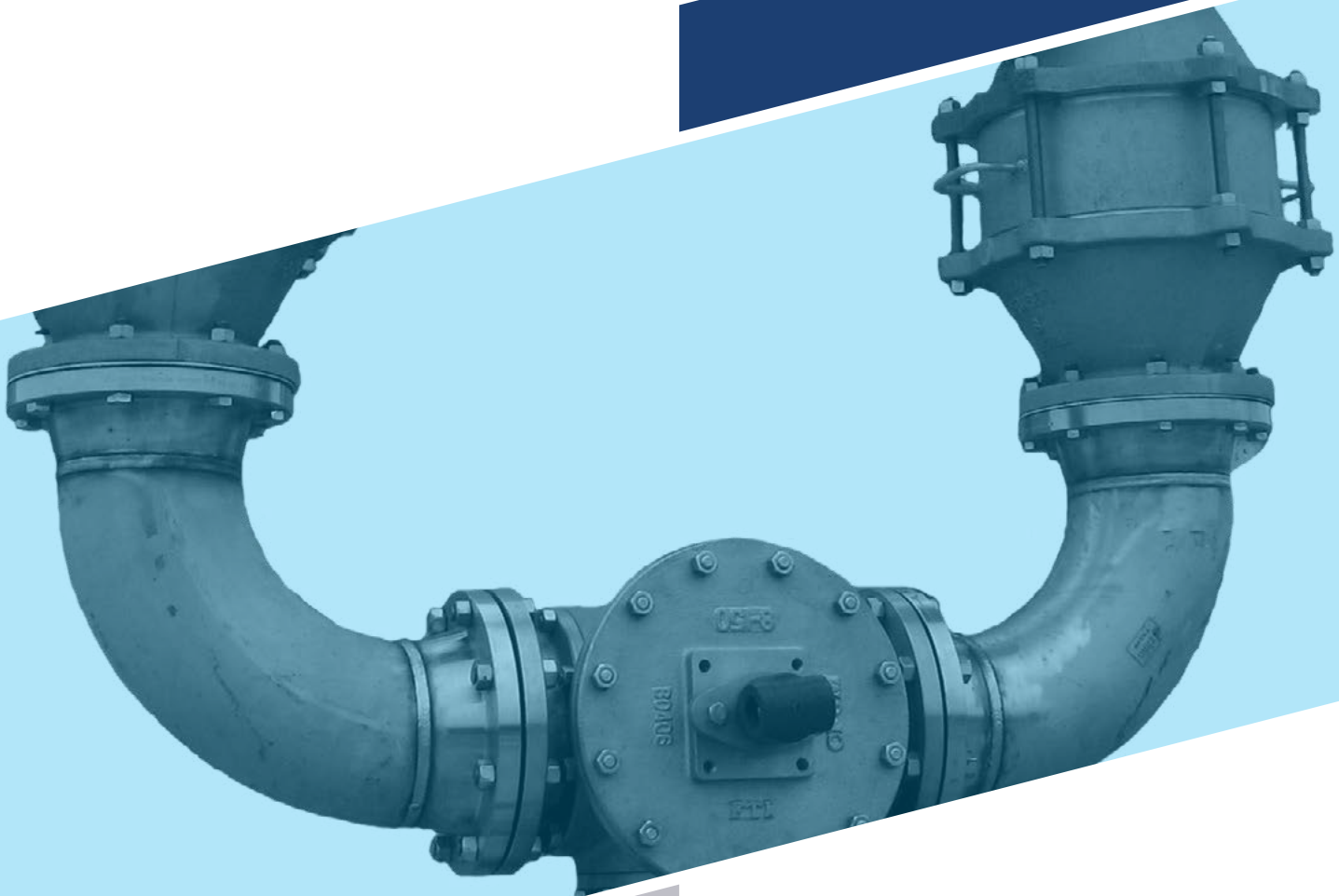




SAFETY DIVERTER VALVE

MODEL 8800SDV



MODEL 8800SDV

The Safety Diverter Valve (SDV) is a 3-way, multi-port ball valve, offering a safe, quick and easy way for valve “changeover” used quite commonly on bio-digesters for ease of inspection, maintenance and cleaning. This allows for redundant pressure vacuum relief valve (PVRV) and flame arrester (FA) assemblies allowing no process interruption, while providing continuous system overpressure or vacuum protection due to pumping-in (influent) and pumping-out (effluent). The design makes it impossible to shut-off both valve outlets at the same time which guarantees continuous operation.

Technical Details

- Size: 2” (DN 50) through 12” (DN 250)
- Material: Aluminum, Carbon Steel, Stainless Steel

Features

- 3-way, multi-port, full bore design
- L Port (90 degrees)
- Blow-out proof stem for maximum safety
- Live-loaded stem packing for positive sealing (sizes 6” and larger)
- High sphericity and mirror surface finish of ball ensures positive shut-off and low operating torque.
- Handlever (sizes 2” thru 4”), gear-operator (sizes 6” and larger)
- Visual indicator for indicating active relief valve and flow path of the media
- Lock-out mechanism (standard) prevents unwanted access
- Stopping mechanism prevents shutting off both valves at the same time
- Ability to perform maintenance without interrupting service or vessel protection
- Flow area is never restricted
- Balanced internal forces
- Smoother valve switching
- Able to apply pressure to any port

Options

- Threaded ports with manual valves allows pressure testing and field calibration



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