iPolymer | Dilution Drain Valves

Dilution Drain Valves

Dilution Drain Valves are ideal for diluting and cooling liquid while draining it from a tank. They are designed to shut off the drain automatically if the water flow is interrupted. The DDV fits tanks with 3/8", 1/2" and 3/4" main drain ports.

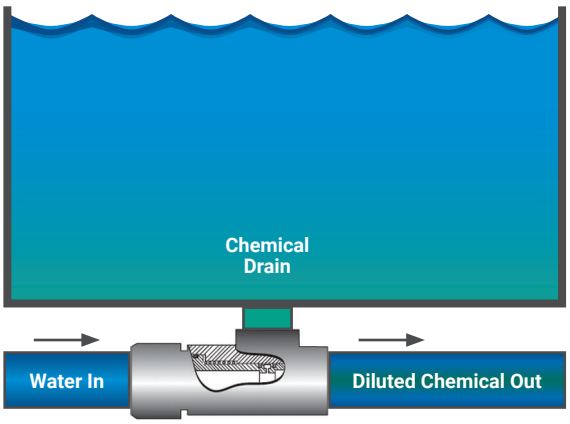
Operation

When water pressure is activated, a unique spool valve design moves forward and aspirates the tank dry. When water pressure ends, a PTFE-coated, isolated-return spring automatically shuts off the valve.

Highlights

- PTFE wetted surfaces resist chemical corrosion and other harsh media
- Configured for easy facility hookup which only requires water pressure
- Water pressure range: 30 - 90 psi
- Fail-safe design will close the valve when dilution water is interrupted
- Main drain port is protected from chips and debris with a screened baffle plate
- Media operating temperature range is 32 - 212°F (0 - 100°C).

Note: High dilution rates will cause slow drain rates.



Ordering Format

DDV - 02 - 06 - V - T
0 1 2 3 4

0. Valve Series
DV = Dilution Drain Valve

1. Dilution Ratio
02 = 2:1
06 = 6:1
10 = 10:1

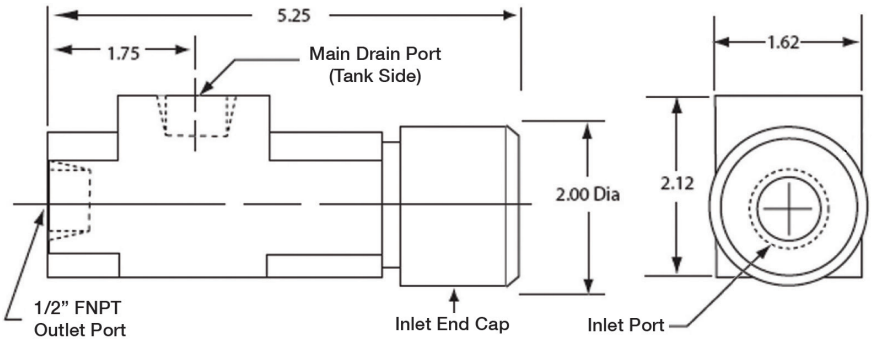
2. Main Drain & Inlet Port
06 = 3/8" FNPT
08 = 1/2" FNPT
12 = 3/4" FNPT

3. O-Ring Type
V = FKM (Viton Eq.)
K = FFKM (Kalrez Eq.)

4. Body Material
T = PTFE (std)

Main Drain Port matches Inlet Port.

Dimensions



Performance