



international polymer solutions

Dilution Drain Valves

The **Dilution Drain Valve** is ideal for cooling and diluting solutions while draining. The valve is 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.

Features:

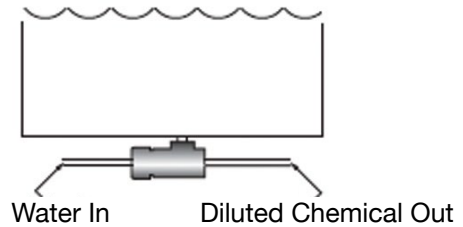
- With a focus on high purity applications, our PTFE and PVDF all wetted surface designs resist chemical corrosion and other harsh process environments.
- Configured for easy facility hookup which only requires water pressure. Dilution Water Pressure Range: 30 psi to 90 psi.
- The Fail Safe design will close the valve when dilution water is interrupted.
- The Main Drain Port is protected from chips and debris with a screened Baffle Plate.
- Media Operating Temperature Range is 32°F to 280°F (0°C to 140°C).

Note: High dilution rates will cause slow drain rates.



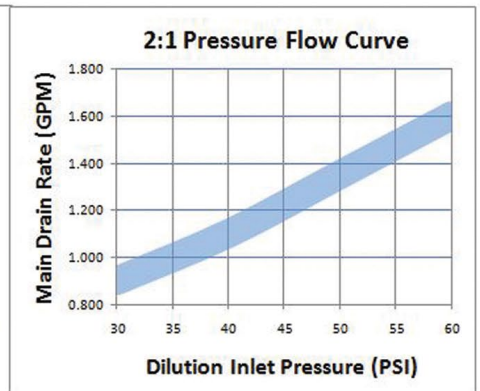
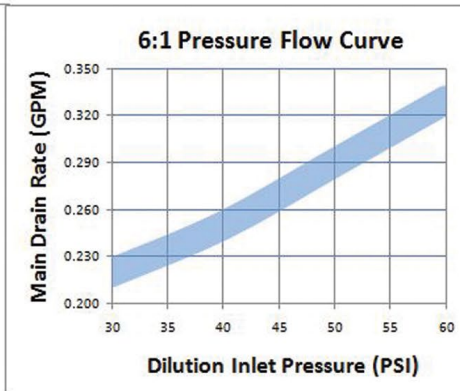
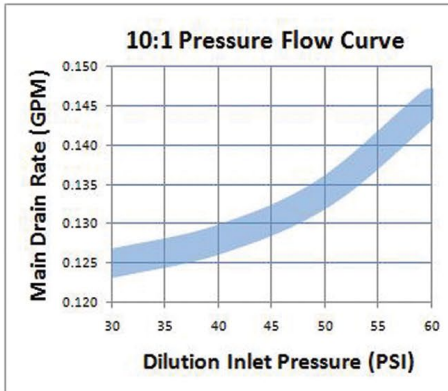
Applications

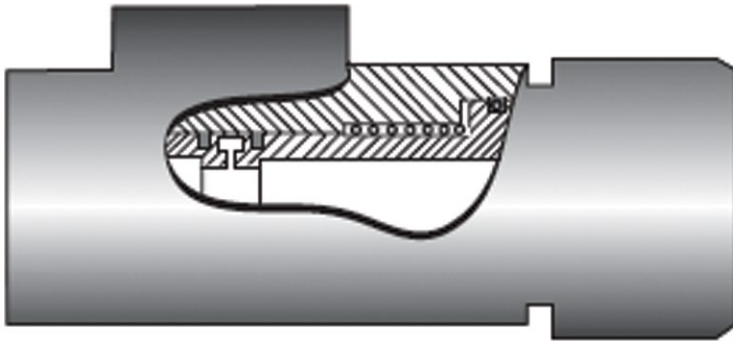
Used to drain a tank while diluting and cooling the discharge.



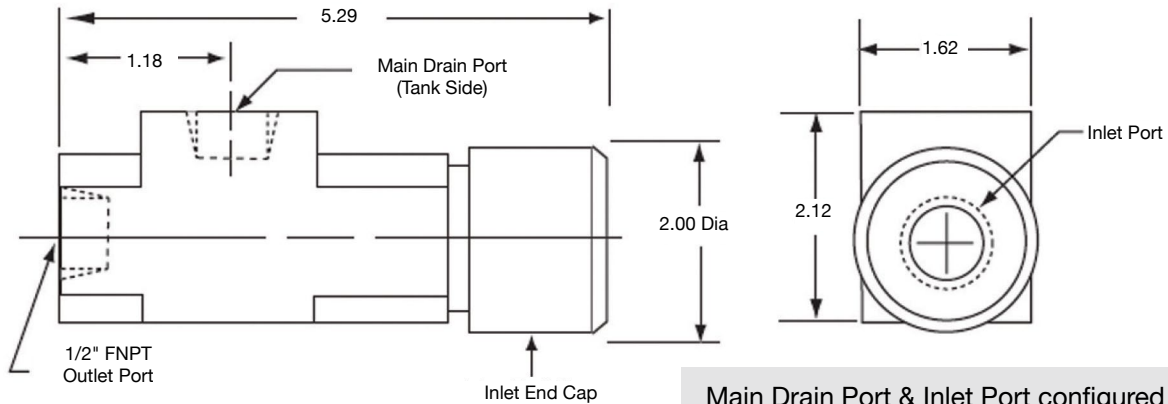
How does it work?

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





Please contact us with your special application requirements. PEEK, PVDF & Polypro configurations are available on request.



Main Drain Port & Inlet Port configured to match (see below)

Dilution Drain Valves: ORDERING FORMAT

DDV	—	02	—	06	—	V	—	T
Dilution Drain Valve		Dilution Ratio		Main Drain & Inlet Port		O-Ring Type		Body Material
		02 = 2:1 06 = 6:1 10 = 10:1		06 = 3/8" FNPT 08 = 1/2" FNPT 12 = 3/4" FNPT		V = ASTM D1418 FKM (Viton eq.) K = ASTM D1418 FFKM (Kalrez eq.)		T = PTFE (std) P = PVDF

IPS Product Notes:

1. Please email Customer Service at info@ipolymer.com
2. Call us for special applications. We can manufacture our DDV Valves with special mounting and interface dimensions.
3. Upon request, alternate material selection from those listed will allow for expanding temperature ratings or other performance characteristics.
4. Unauthorized disassembly of this product will void the original factory one-year product warranty. For further details please contact your local Distributor or our factory directly.