



# H2O Rx

## Auto Degassing Valve



*ADV Automatic Degassing Valves are designed to automatically vent gases and vapors that are commonly released from chemicals such as Sodium Hypochlorite, Sulphuric Acid and Hydrogen Peroxide.*

### Standard features include:

- ◆ CPVC (Corzan) and Viton corrosion resistant wetted materials of construction
- ◆ specially designed float material that automatically vents built up gases on system start up and under working pressure
- ◆ can be used on feed side or discharge side of pump (or both)
- ◆ standard DN15 or DN20 BSP threaded connections or optional socket weld available in other materials of construction for various gaseous liquid chemicals

H2O Rx

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## Sizing and Ordering Information

Model	Materials	Connection	Max Temp	Max Pressure (Barg)	Max Pressure (kPag)
AV-50-CPVC-B	CPVC and Viton	DN15 BSPF	82 °C	10.3	1030
AV-75-CPVC-B	CPVC and Viton	DN20 BSPF	82 °C	10.3	1030

(Optional body and seal material available upon request.)

The standard valve assembly is constructed of CPVC (Corzan) and Viton wetted parts, for use specifically with Sodium Hypochlorite, Sulphuric Acid to 98% and Hydrogen Peroxide to 30% applications.

### Automatic Degassing Valve:

Our standard, automatic degassing valves are designed to automatically vent gases and vapors that are commonly released from Sodium Hypochlorite, Sulfuric Acid and Hydrogen Peroxide. Gases or vapor are compressible, and if not vented, cause what is known as vapor lock in your metering pump and the system.

This causes metering pump malfunction and in most cases, causes the pump to stop discharging chemical to the system.

The valve is designed to allow for the venting of gases and condensed vapor back to the feed tank, which improves priming on initial start ups and continuous, trouble free operation while working under pressure.

When in operation, the valve vents gases, vapor and a small amount of the chemical being pumped. This discharge must be returned through hard piping or tubing back to the tank, to prevent personnel or equipment from coming in contact with vented corrosive fluid.

