



# H2O Rx

## Auto Degassing Valve



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

### *Standard features include:*

- ◆ CPVC (Corzan) corrosion resistant wetted materials of construction. PVDF and S/S also available
- ◆ 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)

H2O Rx

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## Sizing and Ordering Information

Model	Materials	Bottom Connection	Top Connection	Max Temp	Max Pressure (kPag)
AV-75-CPVC-B	CPVC	DN20 BSPF	DN15 BSPF	80 °C	1000
AV-75-PVDF-B	PVDF	DN20 BSPF	DN20 BSPF	80 °C	1000
AV-75-316S/S	316 S/S	DN20 BSPF	DN25 BSPF	260 °C	1700

(Optional body and seal material available upon request.)

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

### Automatic Degassing Valve:

Our standard, automatic degassing valves are designed to automatically vent gases and vapours that are commonly released from Sodium Hypochlorite, and Hydrogen Peroxide. Gases or vapour are compressible, and if not vented, cause what is known as vapour 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, vapour 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.

