



Accu-Vent

Automatic Degassing Valve

Standard Features

- CPVC (Corzan) corrosion resistant 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 CPVC and Stainless Steel 1/2", 3/4", and 1" NPT threaded connections, or optional socketweld
- **NEW!** Stainless Steel Accu-Vent with 1.5", or 2" connections, for chemical, temperature, and pressure applications
- **NEW!** Compact Accu-Vent with 1/4" connection

ACCU-VENT

Automatic Degassing valves are designed to automatically vent gases and vapors that are commonly released from chemicals such as Sodium Hypochlorite, Sulfuric Acid, or Hydrogen Peroxide.

The standard valve assembly is constructed of CPVC (Corzan) for use specifically with Sodium Hypochlorite, Sulfuric Acid to 98% and Hydrogen Peroxide applications. Alternative options include our *Stainless Steel* model and our *compact Accu-Vent* with a 1/4" connection for those applications with confined spaces.

Available in other materials of construction for various gaseous liquid chemicals.



**PRIMARY FLUID
SYSTEMS INC.**

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Accu-Vent

Automatic Degassing Valve

SPECIFICATIONS

Sizing and Ordering Information

Model	Material of Construction	Bottom Connection	Top Connection	Max. Temperature	Max. Pressure
AV-25-CPVC	CPVC	1/4" NPT or BSP Thread	1/4" Thread	180 F (82 C)	150 PSIG
AV-50-CPVC	CPVC	1/2" NPT or BSP Thread	1/2" Thread	180 F (82 C)	232 PSIG
AV-50-CPVC-S	CPVC	Socketweld	1/2" Thread	180 F (82 C)	232 PSIG
AV-75-CPVC	CPVC	3/4" NPT or BSP Thread	1/2" Thread	180 F (82 C)	232 PSIG
AV-75-CPVC-S	CPVC	Socketweld	1/2" Thread	180 F (82 C)	232 PSIG
AV-100-CPVC	CPVC	1" NPT or BSP Thread	1" Thread	180 F (82 C)	232 PSIG
AV-25-PVDF	PVDF	1/4" NPT or BSP Thread	1/4" Thread	180 F (82 C)	150 PSIG
AV-50-PVDF	PVDF	1/2" NPT or BSP Thread	1/2" Thread	180 F (82 C)	232 PSIG
AV-75-PVDF	PVDF	3/4" NPT or BSP Thread	1/2" Thread	180 F (82 C)	232 PSIG
AV-50-316S/S	316 S/S	1/2" NPT or BSP Thread	1" Thread	500 F (260 C)	250 PSIG
AV-75-316S/S	316 S/S	3/4" NPT or BSP Thread	1" Thread	500 F (260 C)	250 PSIG
AV-100-316S/S	316 S/S	1" NPT or BSP Thread	1" Thread	500 F (260 C)	250 PSIG
NEW! AV-150-316S/S	316 S/S	1.5" NPT or BSP Thread	1.5" Thread	500 F (260 C)	250 PSIG
NEW! AV-200-316S/S	316 S/S	2" NPT or BSP Thread	2" Thread	500 F (260 C)	250 PSIG

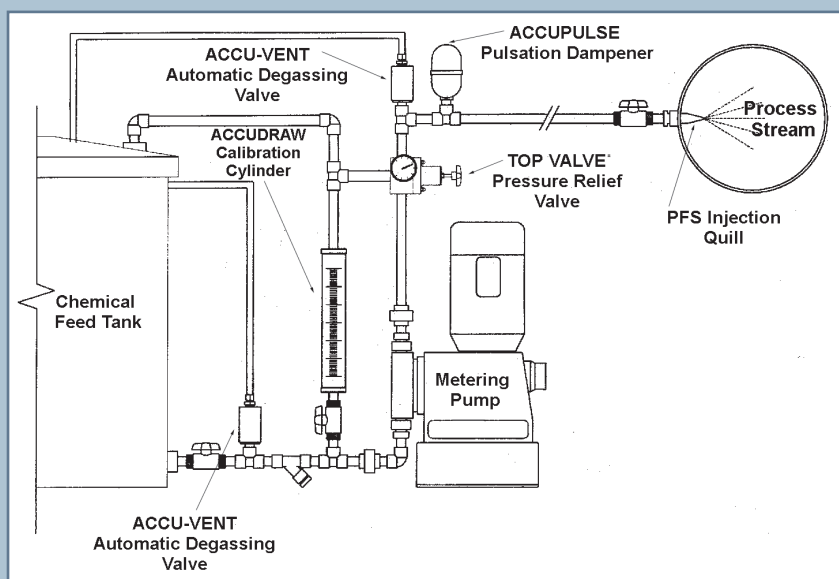
Other body materials available upon request. (-25 indicates 1/4", -50 indicates 1/2", -75 indicates 3/4", -100 indicates 1", -150 indicates 1.5", -200 indicates 2", -B for BSP thread, and -S indicates socketweld)

Why do you need Accu-Vent?

Gases and 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 accurately to the system. Our automatic degassing valves are designed to automatically vent gases and vapors that are commonly released from Sodium Hypochlorite, Sulfuric Acid and Hydrogen Peroxide.

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.

Typical Installation



Distributed By:



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For more information on Accu-Vent
and our other products visit
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