

- ❖ Turn pump off and remove all pressure from system prior to installation.
- ❖ Remove all pressure from degassing valve AND pumping system before disassembly, removal or maintenance.
- ❖ **DO NOT exceed 150 psi maximum allowable working pressure (MAWP).**
- ❖ Always wear safety glasses and other appropriate safety equipment when installing, operating or repairing.
- ❖ Read and observe all safety warnings and instructions before installation, operation or repair.

Installation

Install automatic degassing valve using a tee connection at the highest point in the piping system with the discharge port piped back to the supply tank or other safe location. In applications using chemicals that typically outgas, degassing valves can be installed on both the inlet and discharge side of the pump for maximum venting.

1. Remove all pressure from system and isolate pipe.
2. Degassing valve **must be mounted upright** for normal operation with the discharge port facing up. Thread degassing valve (inlet connection) onto system piping tee by turning degassing valve clockwise until hand tight.
3. Pipe degassing valve back to supply tank or other safe location to vent using compatible 1/2" pipe or tubing connected to degassing valve discharge port.

Operation

- ⓘ Because automatic degassing valve operates with an open valve, it may be common for small traces of liquid droplets to be discharged during normal operation.

When the system is operational, process fluid fills the valve chamber which raises an internal float to seal the discharge port (closed valve). The internal mesh secures the float in place and filters out larger particles. As the fluid outgasses and excess gas accumulates in the chamber, the float drops to open the valve. Fluid pressure then pushes the gas out through the open discharge port and back to the supply tank or other safe location. Once accumulated gas is vented, the float rises again to close the valve. This process repeats automatically to vent excess gas or vapor.

