CHEM PROLINE® DEGASSING VALVE

STANDARD FEATURES:

- Reduces replacement costs – no internal or external metal components; ideal for aggressive environments
- Placed at the high point of a piping system, this innovative valve will vent gas as it occurs. A unique float/actuating lever allows the vent orifice to open when gas is present. After gas vents, liquid forces the vent to close. Whenever gas accumulates, the valve will re-open until the gas is vented
- All-plastic construction designed for sodium hypochlorite and prone to outgassing, is specifically and exlusively designed for Asahi/America's Advanced PE Chem Proline® piping system
- Chem Proline® degassing valve is designed for systems that continuously generate trace amounts of gasses

SPECIFICATIONS AND DIMENSIONS

Body Materials Available: Advanced PE
Elastomers: FKM or EPDM
Additional Wetted Material: PPn
Maximum Operating Pressure: 100psi (see chart on page 2)
Minimum Specific Gravity: 0.9
Dimensions: 4-1/4" high x 2-1/4" diameter
Vent Port: 1/8" NPT
System Connection: 1/2" (20mm) spigot for socket or butt welding; valve must be oriented vertically

Specifications and dimensions are subject to change

APPLICATIONS:

Degassing valves should be installed at the highest possible point in a piping system, and it must be oriented upright. In normal operation, residual liquid and/or vapor in the valve will be expelled or "spit" from the outlet vent. Therefore, it is recommended to run clear tubing from the outlet port to a safe area for hazardous liquids, or use a standpipe for non-hazardous liquids.

IMPORTANT NOTE on degassing valve use with salt solutions & other liquids that may precipitate solids: Should the degassing valve be installed in liquids which have the possibility of precipitating solids out of solution, it is recommended to periodically clean the degassing valve in warm or cold water to remove debris and/or precipitated salts from the orifice and the seat. To disassemble, use an appropriate spanner wrench inserted into the two 1/8" holes in the top of the valve, unscrew and remove the float/seat assembly. Then clean and re-assemble the degassing valve. It is further recommended to keep a spare seal kit on hand. When the degassing valve is disassembled for cleaning, examine the spring o-ring (the o-ring retaining the seat and float arm) for elasticity and general overall condition. If lack of elasticity or general wear is evident, replace the inner valve assembly.

DEGASSING VALVE PART NUMBER

Size		Elastomer	Part Number
inch	mm		
1/2	20	FKM	582120005
1/2	20	EPDM	582220005

NOTE: It is recommended to install degass valves with a Chem Proline® ball valve between accessory and chemical line. This will facilitate easier isolation for maintenance and/or repair.

DEGASSING VALVE REBUILD ASSEMBLY

Size		Elastomer	Part Number
inch	mm		
1/2	20	FKM	582120000
1/2	20	EPDM	582220000

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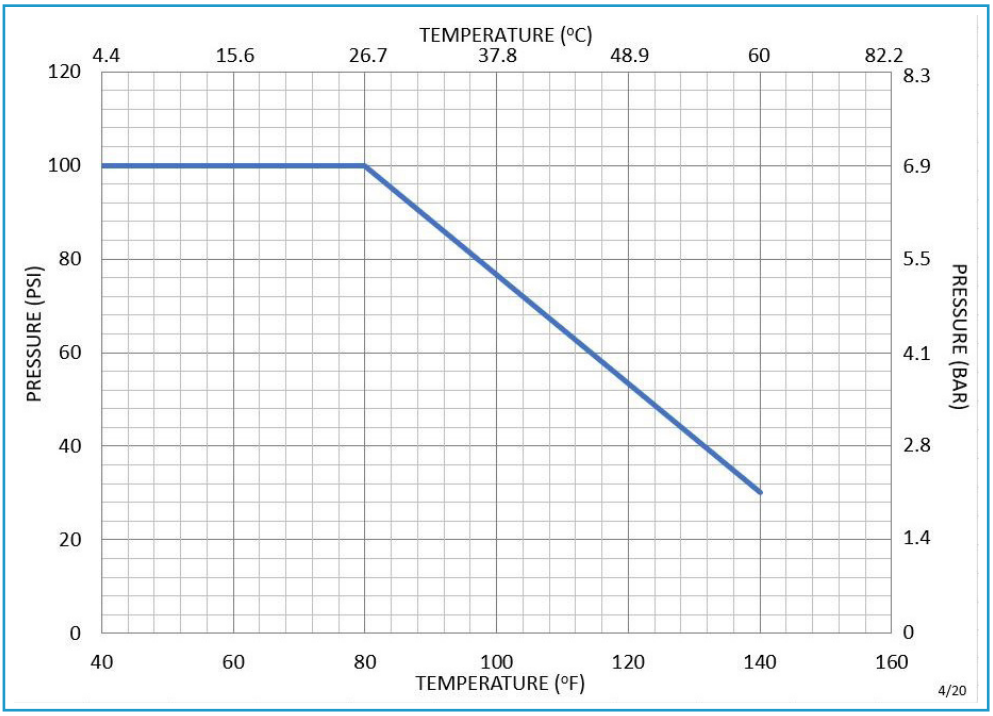
DEGASSING VALVE OPERATING PRESSURE AND TESTING



Maximum Inlet Pressure: 100psi (6.9 BAR) at temperatures shown above
Maximum Temperature: 140° F (60° C) at pressure shown above

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