Technical Bulletin

AL-151
Gas Equipment Configurations

The recommended regulators, control valves, lecture-bottle stations, and Sure/Pac stations for use with Aldrich gas products are specified on our web site, sigma-aldrich.com. Click the Related Products tab for a gas listing to view the recommended information.

Do not use Aldrich gas regulators on cylinders that exceed 3000 psig.

Configurations for Mildly Corrosive or High-Purity Gases

Regulator designated for mildly corrosive or high-purity gases with a T-purge assembly and bonnet vent tube.

Lecture-bottle station designated for mildly corrosive or high-purity gases.

Control valve designated for mildly corrosive or high-purity gases to meter the flow of gas. **WARNING:** Gas-control valves do not control pressure in a closed system. Regulator or relief valves should be used to prevent the buildup of unsafe pressures that could lead to explosion.

Sigma brand products are sold through Sigma-Aldrich, Inc. Sigma-Aldrich, Inc. warrants that its products conform to the information contained in this and other Sigma-Aldrich publications. Purchaser must determine the suitability of the product(s) for their particular use. Additional terms and conditions may apply. Please see reverse side of the invoice or packing slip.
Configurations for Extremely Corrosive Gases

Regulator with cross-purge assembly designated for extremely corrosive gases.

Lecture-bottle station designated for extremely corrosive gases.

Control valve designated for extremely corrosive gases to meter the flow of gas. **WARNING:** Gas-control valves do not control pressure in a closed system. Regulator or relief valves should be used to prevent the buildup of unsafe pressures that could lead to explosion.

Configurations for Non-corrosive Gases

Regulator designated for non-corrosive gases with a check valve on the outlet side of the regulator to prevent back streaming of process gas.

Lecture-bottle station designated for non-corrosive gases.

Control valve designated for non-corrosive gases to meter the flow of gas. **WARNING:** Gas-control valves do not control pressure in a closed system. Regulator or relief valves should be used to prevent the buildup of unsafe pressures that could lead to explosion.
Configurations for Liquefied Gases

Use the appropriate mini-regulator, brass or stainless steel

Use the appropriate hose barb adapter.

Sure/Pac station for non-corrosive liquefied gases