3050 Spruce Street, Saint Louis, MO 63103 USA Tel: (800) 521-8956 (314) 771-5765 Fax: (800) 325-5052 (314) 771-5757

# 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.



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.



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

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.

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**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.



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## **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