

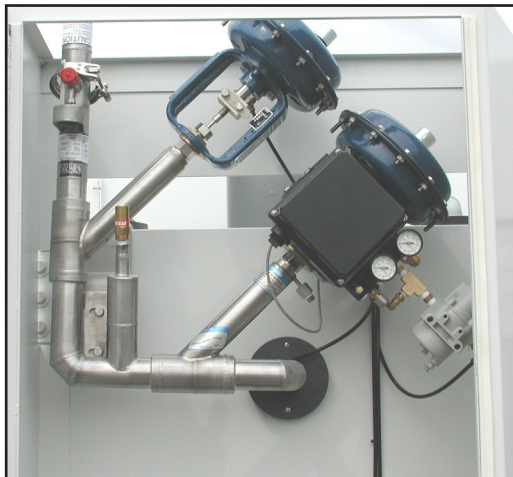
VACUUM INSULATED CONTROL VALVE ASSEMBLY

BENEFITS AND FEATURES

- **Improved Efficiency:** The elimination of heat transfer gives LN₂ more cooling capacity, which translates into less LN₂ use per test.
- **Greater Safety:** The vacuum insulation ensures that there is no frost or ice build-up on the valves, which prevents condensation from dripping onto the floor or other equipment.
- **Ease of System Installation:** The vertically-aligned bayonet connections make the system installation as easy as sliding components together and securing the V-clamp. Also, eliminated are threaded fittings and solder joints to complete and insulate after the installation.



Vacuum Insulated Control Valve for Real-48



Vacuum Insulated Control Valve for Real-30

- **Improved Aesthetics:** This system can be shown to customers or senior management without the embarrassment of ice covered valves or the sweating box that covers the valves. In addition, the stainless steel construction looks professional and durable.
- **Elimination of Lab Hazard:** Vacuum insulation eliminates any ice or frost build-up that can drip on equipment and damage it.
- **Ease of Maintenance:** When valves need servicing, the removal and replacement of insulation is not required. Valve components are easily removed by unbolting the top works of the valve.