

Low Pressure & Low Pressure Line Regulators

LOW PRESSURE REGULATORS 4286-10 SERIES & 4289-10 SERIES

Application

The 4286 and 4289 series inertrol third-stage low pressure regulators are designed especially for secondary regulation of gaseous nitrogen on electrical transformer systems. These regulators are factory preset at 14" to 15" water column delivery pressure with an inlet pressure of 5 to 10 PSIG.

Features

- Large diaphragm allows for highly sensitive and accurate low-pressure control
- Incorporates integral relief valves (except on 4289-10)
- Zinc body and bonnet resist corrosion and provide longer life
- Adjusting screw is concealed by a cap to help prevent against tampering by unauthorized personnel
- Operating temperature range is -40°F to +160°F

Part Number	Inlet (NPT)	Outlet (NPT)	Delivery Pressure Setting	Relief Valve Setting
LV4286-10-5	1/4"	1/2"	14"-15" w. c.	5 PSIG
LV4286-10-8				8 PSIG
LV4289-10				None



LV4286-10

LOW PRESSURE LINE REGULATORS 4403 SERIES

Application

The 4403 series regulators provide very sensitive control of a variety of gases at low pressures. The large, molded diaphragm assures responsive regulation with inlet pressures up to 250 PSI.

Features

- Large, molded diaphragm provides highly sensitive and accurate low-pressure control.
- Zinc body and bonnet resist corrosion and provide longer life.
- Teflon seat disc, Teflon faced diaphragms, and stainless-steel nozzles make the T4403J regulators compatible with a variety of gases.
- LV4403C2H42 features integral relief valve set at 3 psig.
- Adjusting screw is concealed by a plastic cap which helps prevent pressure adjustments by unauthorized personnel.
- Working temperature range is -40°F to +165°F. (-40°C to +74°C)
- Not suitable for oxygen applications

Part Number	Inlet Connection	Outlet Connection	Factory Delivery Pressure*	Delivery Adjustment Range	Relief Setting
4403W-P4	1/2" F.NPT	1/2" F.NPT	6" w.c.	3.5 - 6" w.c.	None
4403W-R4			25" w.c.	15 - 28" w.c.	
4403W-S4			5 PSIG	1 - 5 PSIG	
4403W-T4			10 PSIG	5 - 10 PSIG	
4403W-U4			15 PSIG	10 - 15 PSIG	
LV4403C2H42	1/4" F.NPT		1.5 PSIG	1.5 PSIG	3 PSIG ± 20%
T4403JS2			5 PSIG	1 - 5 PSIG	None
T4403JT2			10 PSIG	5 - 10 PSIG	



LV4403C2H42

*Based on 50 PSIG inlet pressure. LV4403C2H42 based on 100 PSIG inlet pressure.

