



Specifications

Designed for the secondary regulation of both high or low cylinder pressure corrosive gases, toxic or high purity (up to grade 6.0) gases to a stable outlet pressure, the Chem-Master range of stainless steel outlet points are ideally suited to gas pressure regulation at the point of use in laboratory, research and development, analytical facilities and many industries.

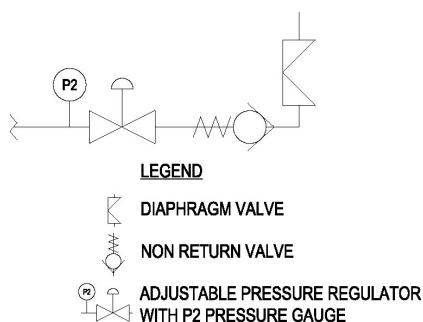
Product Features

- Chem-Master stainless steel line regulator
- High pressure diaphragm isolation valve
- Integral non-return valve
- Low wetted surface area for minimal purge requirements
- Stainless steel wall mounting bracket
- Chem-Master products are clean room assembled, undergo 100% Helium leak testing and are vacuum packed
- Designed and manufactured in Norfolk, UK.

Technical Data

Type	Single-stage
Inlet Pressure	maximum 40 bar
Outlet Pressure	0-1.5, 0-3.5, 0-10 bar
Materials:	
Body: Regulator & Valve	316L Stainless steel
Valve seat: Regulator	PCTFE
Diaphragm: Regulator & Valve	316L Stainless steel
Filter: Regulator	sintered 316L Stainless steel
Inlet Port	1/4 NPT female
Outlet Port	1/4 NPT female
Helium Leak Integrity	1x10 ⁻⁹ mbar l/s
Gas purity	grade 6.0 (99.9999%)
Temperature range	-20°C to +60°C
Dimensions	width: 70mm height: 380mm depth: 140mm

Process & Instrumentation Drawing



LIT99999 Issue: A Revision: 1