



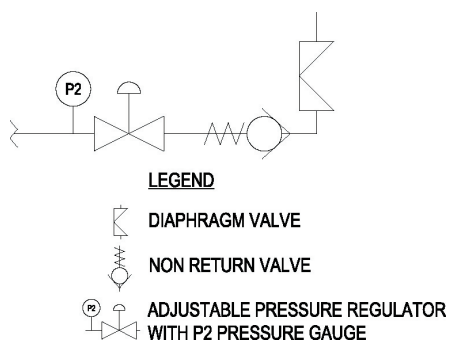
Specifications

Designed for the secondary pressure regulation of high purity (up to grade 6.0) gases to a stable outlet pressure, the Spec-Master range of nickel plated brass outlet points comply with current standards and BCGA Codes of Practice, and are ideally suited to gas pressure regulation at the point of use in laboratory, research and development, analytical facilities and many industries.

Product Features

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

Process & Instrumentation Drawing



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	Nickel plated brass
Valve seat: Regulator	Nylon
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

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