

R1000

WARNING! INCORRECT INSTALLATION, ADJUSTMENT, MODIFICATIONS, OPERATION AND MAINTENANCE MAY CAUSE INJURY OR DAMAGE. READ THE INSTRUCTIONS BEFORE USE. THIS CONTROL MUST BE INSTALLED IN ACCORDANCE WITH THE RULES IN FORCE.

Installation

- To be fitted by trained competent personnel.
- The R1000 Low Pressure Relief Valve must be installed with the arrow pointing in the direction of flow.
- It is recommended that the regulator is mounted in the upright position where possible; however, it may be used in other orientations.
- The R1000 unit is serviceable and a spare kit is available.
- Ensure mating pipework has a compatible thread.
- Clean and prepare pipework with a suitable gas jointing paste (PTFE tape is not recommended).
- Mount unit in position, do not over tighten threads.
- Test the system and valve for leaks (A recommended pressure for such a test is 75mbar, do not exceed working limit of 350mbar)



Commissioning

- Ensure downstream pipework is shut off.
- The R1000 is factory adjusted to a set pressure.
- Slowly introduce the supply pressure to the valve.
- If the relief pressure requires further adjustment:
 1. Break seal and remove the cap from the top of the unit.
 2. Adjust screw slot (clockwise to increase the relief pressure.) (anti-clockwise to decrease the relief pressure.)
 3. Replace the cap and re-seal using a suitable method.

Servicing

The servicing of the low-pressure relief valve unit requires the replacement of the rubber components available as a soft spares kit, which contains the relevant servicing instructions.

Environmental

- All elastomeric components are ozone resistant to BS EN 549.
- The operating temperature range for the regulator is -20°C to 60°C.
- It is not expected that the unit will be mounted externally without additional environmental protection.

SPERRYN
GAS CONTROLS



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