

# G1000

**READ THE INSTRUCTIONS BEFORE USE. THIS CONTROL MUST BE INSTALLED IN ACCORDANCE WITH THE RULES IN FORCE.**

## Installation

- The G1000 regulator must be installed with the arrow pointing in the direction of flow. Whilst the regulator will operate in any orientation, the best performance will be achieved if the regulator is mounted with the adjustment chimney vertical. Ensure all mating pipework has a standard B.S.21, or N.P.T. taper thread.
- Clean and prepare pipework with a suitable jointing paste ( PTFE tape is not recommended. )
- Mount unit in position, do not over tighten threads.
- If a meter union is used on the outlet of the angled regulator, ensure that the appropriate washers are present.
- If the regulator is of the flanged variety it should be bolted onto the appropriate sized flanges. The outlet flange of the G1000M 80mm angled regulator is a non standard flange and a suitable gasket is supplied. An appropriate gasket should be used on the inlet connection.
- Test the system and regulator for leaks ( a recommended pressure for such a test is 75mbar, do not exceed working limit of 350mbar.)

## Commissioning

- The regulator is normally factory adjusted to an outlet pressure of 21mbar or 28 mbar.
- Ensure downstream pipework is shut off.
- Slowly open the inlet isolation valve.
- Purge downstream pipework.
- Check the outlet pressure of the regulator:  
The outlet pressure should be observed when the regulator is operating at half maximum capacity.
- If the outlet pressure requires further adjustment:
  1. remove top cap.
  2. Adjust spring adjuster (clockwise for increase in pressure)  
(anti-clockwise for decrease in pressure.)
  3. Re-apply top cap and seal with lead seal if required.

## Servicing Instructions

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

**SPERRYN**  
**GAS CONTROLS**



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The Company reserve the right to amend any product without notice.

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