

G941

# Gas Regulator

## INSTALLATION

- The G941 gas regulator must be fitted by trained competent personnel.
- It is recommended that the regulator is mounted in the upright position as illustrated above, where possible.
- The G941 unit is maintenance free with no user serviceable parts.
- Ensure that connecting pipe work has a standard B.S.21 taper thread.
- Clean and prepare the pipe work with a suitable gas jointing paste (PTFE tape is not recommended).
- Mount the G941 in position. Do not over tighten the threads.
- If a meter connector is used in the unit, ensure that the appropriate sealing washers are in place.
- Test the system and regulator for leaks (a recommended pressure for such a test is 75mbar, do not exceed the working limit of 350mbar).

## COMMISSIONING

- The regulator is factory adjusted to the required outlet pressure.
- Ensure that downstream pipe work is shut off.
- Slowly open the inlet isolation valve and wait for under pressure shut-off to reset.
- Purge the downstream pipe work.
- Check the pressure at the outlet of the meter:
- The approximate outlet pressure should be observed when an appliance is operating (suggest 4 hot-plate burners).
- If the outlet pressure requires further adjustment:
  1. Break seal and remove the plastic cap from the top of the regulator.
  2. Adjust screw slot.
    - Clockwise for increase in pressure.
    - Anti-clockwise for decrease in pressure.
  3. Re-apply the plastic cap onto the top of the regulator and reseal.

## RE-COMMISSIONING

The G941 is fitted with a low pressure cut off, therefore in the event of a low pressure shut-down, it can be re-commissioned by closing all downstream valves and waiting for the pressure to build up and the under pressure shut-off to reset.

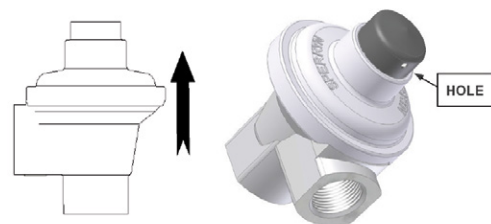
- Any leaks on the downstream side must be corrected before the G941 will re-set.

## ENVIRONMENTAL

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

## OPTIONAL RAIN CAP INSTALLATION

- The Rain Cap must be fitted to the regulator cover, by pushing it over the sealing wire retention lugs.
- The breather hole in the rain cap must be situated to prevent the ingress of water.
- If the regulator is mounted on its side the breather hole in the rain cap must point downwards.
- When the Rain Cap is fitted the breather hole must be free from obstruction.



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