

# Technical Bulletin

## Industry: Alignment with IGEM/G/13

### AMENDMENT TO INSTALLATION MANUALS

**Our current Installation manuals for Natural Gas appliances have been updated to reflect the gas pressures stated within IGEM/G/13.**

**Earlier manuals stated a working pressure at the meter outlet of 19 – 23mbar under normal conditions with the appliance operating at its maximum possible output.**

**This range has now been updated to state 18.5 – 23 mbar.**

This is a change to industry guidance, so to align with this change, the revised minimum working pressure of 18.5 mbar at the outlet of the meter under normal conditions can be applied retrospectively to all of our domestic natural gas appliances.

The pressure loss diagram will be shown as in the example below (Fig 1.)

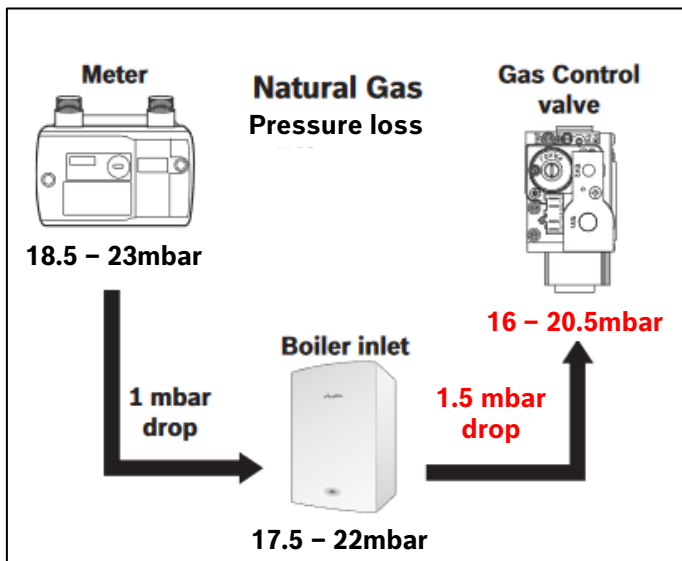


Fig 1

**Note: The values shown in red may vary according to appliance type, dependant on appliance output or internal pipe size. You must refer to the specific installation manual to obtain this information.**

The minimum permissible pressure at the meter outlet under extreme or emergency conditions is 15mbar. Our appliances will continue to operate safely at these pressures providing the maximum permitted pressure losses across the pipework and appliance are not exceeded.

If the working pressure at the gas valve test point is found to be below those stated for normal working conditions, then you should check the working pressure at the outlet of the meter to ensure the pressure loss across the pipework and appliance does not exceed the stated figures, and that the working pressure at the boiler cannot drop below the permitted minimum if the meter outlet pressure was at 15mbar.

Where working pressure at the appliance is reduced due to undersized pipework, you must ensure that it is not affecting the safe operation of any connected gas appliance. Unsafe installations must be categorised according to IGEM/G/11.