

Part Number: UUSEMISUBMP



Application

Our semi submerged meter box use our BP2203 UPSO/OPSO medium pressure regulator. It provides a constant 37mbar through a G4 DTI Badged meter to exit on the right hand side with a capped meter union with 22mm plain brass connection for a soldered joint.

The box is made from chopped strand GRP which fully complies with the BS6400 -3 standard and with resistance to fire Class UL94HB (10). The door is hinged up-wards and the meter has an angled meter display to ease meter reading.

Materials

- Meter Box Outer: Chopped Strand GRP
- Regulator Body and cover: zinc alloy (EN 1774)
- Regulator Diaphragm (reinforced), pads, gaskets: NBR (EN 549)
- Regulator Powder coat high resistance colour finish
- Meter to EN1359 : measuring to 6scm/hr with large, easy to read display
- Lever and butterfly handled valves to EN331 supplied with the box. The inlet valves comes complete with union for quick and easy meterbox removal

Features

Connections

Inlet Connection: 25mm Wask Crimp Connector
 Outlet Connection: 22mm Copper Solder Connection
 Standard triangular meter box key to open the meter box.

Supply pressure

The meter box is able to withstand inlet pressures up to 4 bar (60 psig).

Regulated pressure

The module is tested and, where required, adjusted to give an outlet pressure of 37mbar.

Capacity

Typically 6scm/hr for LPG 2nd stage models (when using a minimum inlet pressure of 450mbar).

OPSO Safety Device

The Over Pressure Shut Off safety stops the gas flow when the regulated pressure is higher than a defined value (e.g. The regulator not shutting off correctly)
 Visual indicator displays the open-close state.

Relief Valve

The relief valve is designed to relieve pressure should the regulator no shut off properly but allow continuity of supply.

UPSO safety device

The Under Pressure Shut Off safety stops the gas flow when the regulated pressure is lower than a defined value (e.g. lack of supply pressure)
 Visual indicator displays the open-close state.

Accessories

A full range of accessories are available for the meter box

Technical Information

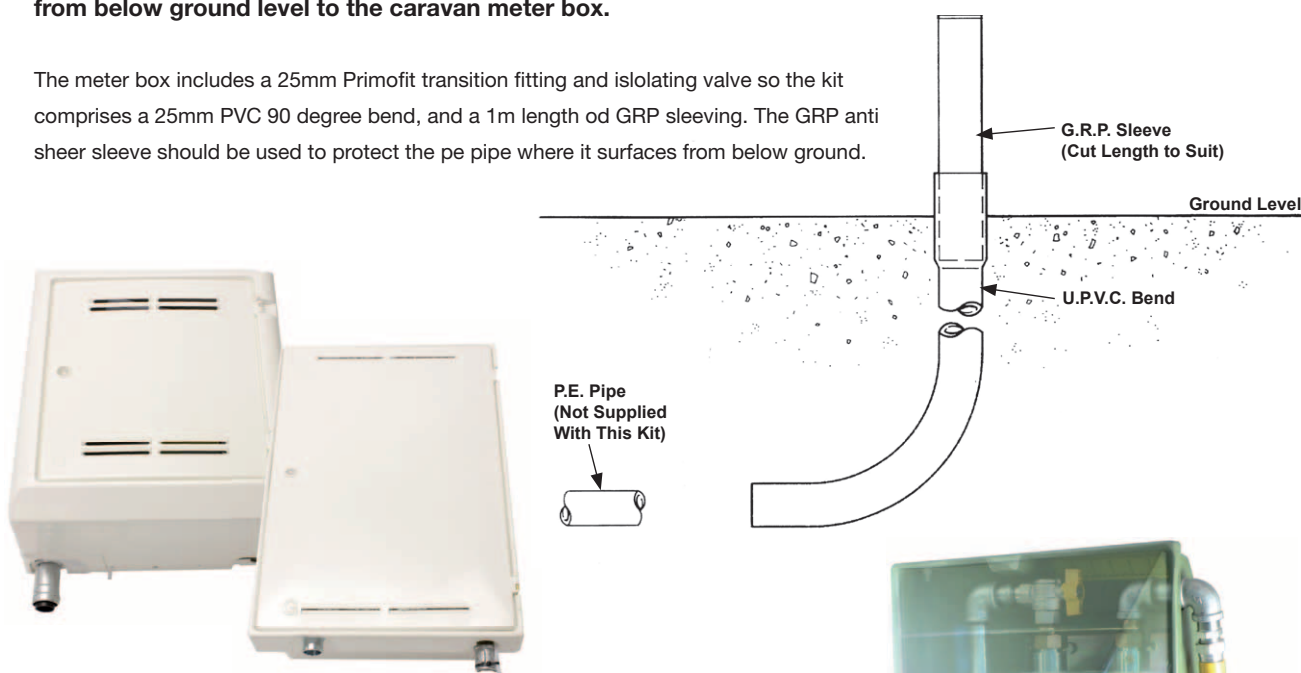
Regulator	BP2203 OPSO/UPSO
Capacity kg/h (kW)	10.5 (155)
Set Pressure	37mbar
Inlet Pressure	750mbar
Relief Valve Pressure	75mbar
OPSO Pressure	100mbar
UPSO Pressure	27-30mb
Design Standard	EN13785
Inlet connection	25mm WASK Crimp
Outlet connection	22mm Copper

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The PE Connection Kit is designed to connect 25mm O/D PE gas pipe from below ground level to the caravan meter box.

The meter box includes a 25mm Primofit transition fitting and isolating valve so the kit comprises a 25mm PVC 90 degree bend, and a 1m length of GRP sleeving. The GRP anti shear sleeve should be used to protect the pe pipe where it surfaces from below ground.



Clesse UK also manufacture the standard surface mounted, recessed meter and caravan style boxes in both medium pressure and low pressure options. Please call for details.