

Part Number: UUSEMISUBLP



## Application

Our semi submerged meter box use our STB27-UPS0 low 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 150mbar (2 psig).

### Regulated pressure

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

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## Capacity

Typically 6scm/hr for LPG 3rd stage models (when using a minimum inlet pressure of 75mbar).

### UPS0 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 which are shown on the overleaf.

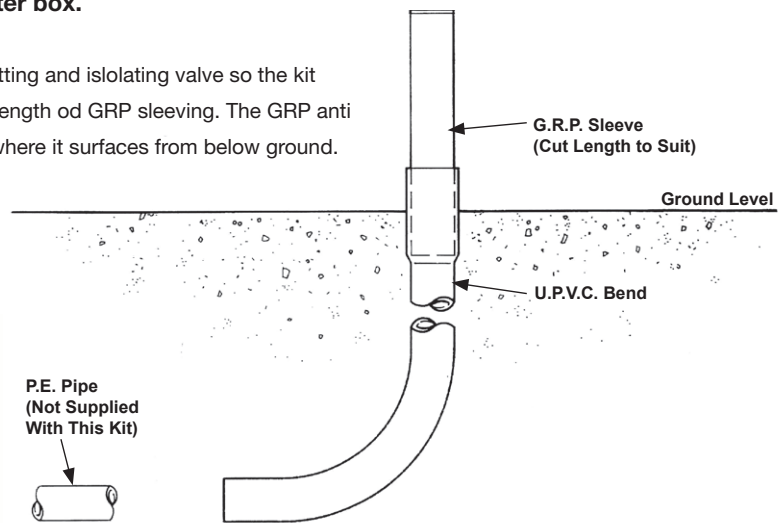
## Technical Information

Regulator	STB27-UPS0
Capacity kg/h (kW)	10.5 (146)
Set Pressure	37mbar
Inlet Pressure(2nd Stage)	75mbar (150mbar max)
UPS0 Pressure	27-30mb
Design Standard	EN13785
Inlet connection	22mm WASK Crimp
Outlet connection	22mm Copper



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.**

