

Part Number: UUCARABOXL P



* Meterbox hose is an optional extra. Part number UUMB1FLEX (3/4" BSP X 22mm Copper). Other sizes are available.

Application

Our post mounted meter box use the STB27-UPSO low pressure regulator with manual UPSO. It provides a con-stant 37mbar through a G4 DTI Badged meter to exit on the right hand side with a 3/4" BSPTF thread.

The box is made from PVC which fully complied with the latest BS6400-3 standard and with resistance to fire Class UL94HB (10). The door is hinged with a viewing window to ease meter reading and regulator resetting.

Materials

- Meter Box Outer: Green PVC - UL94HB(10)
- 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: 3/4" BSPTF Front Right Hand Lower

Outlet Connection: 3/4" BSPTF Left Side Outlet

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.

Capacity

Typically 6scm/hr for LPG 3rd stage models (when using a minimum inlet pressure of 60mbar).

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 which are shown on the overleaf.

Conformity

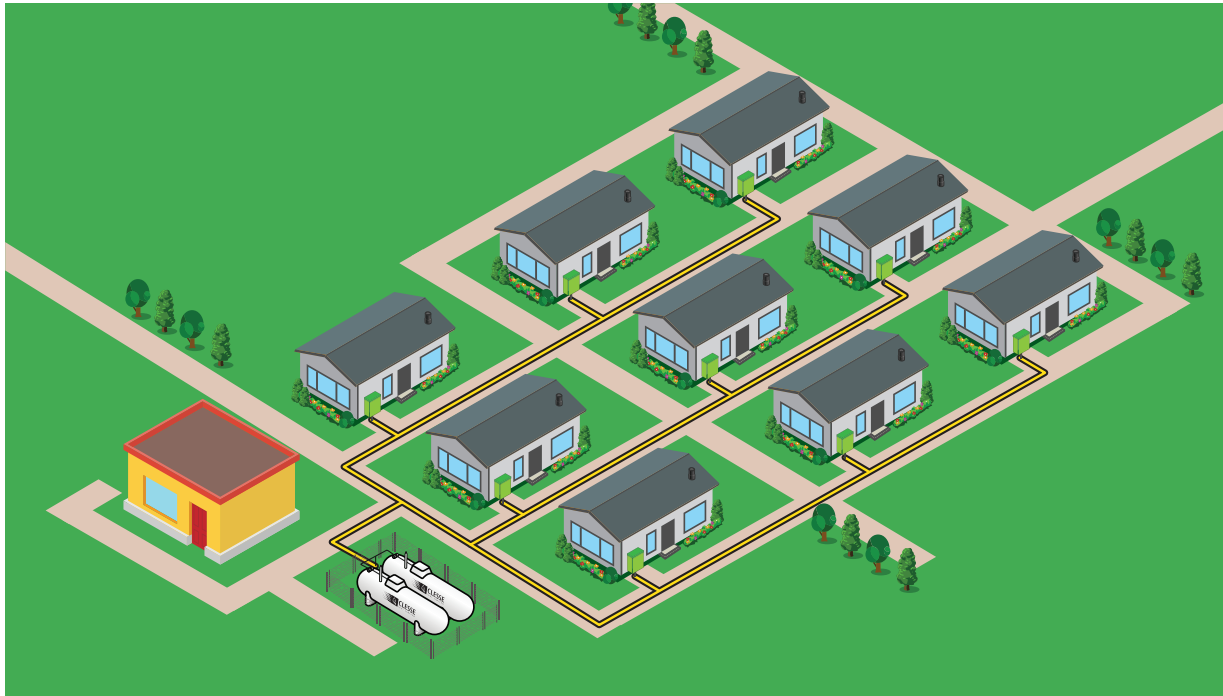
EN 13785 LPG regulators

Pressure Equipment Directive 97/23/CE : classification Art 3.3 (no CE marking)

Technical Information

Regulator	STB27-UPSO
Capacity kg/h (kW)	10.5 (155)
Set Pressure	37mbar
Inlet Pressure(2nd Stage)	75mbar (150mbar max)
UPSO Pressure	27-30mb
Design Standard	EN13785
Inlet connection	Rc3/4F ISO/7 (BSP)
Outlet connection	Rc3/4F ISO/7 (BSP)

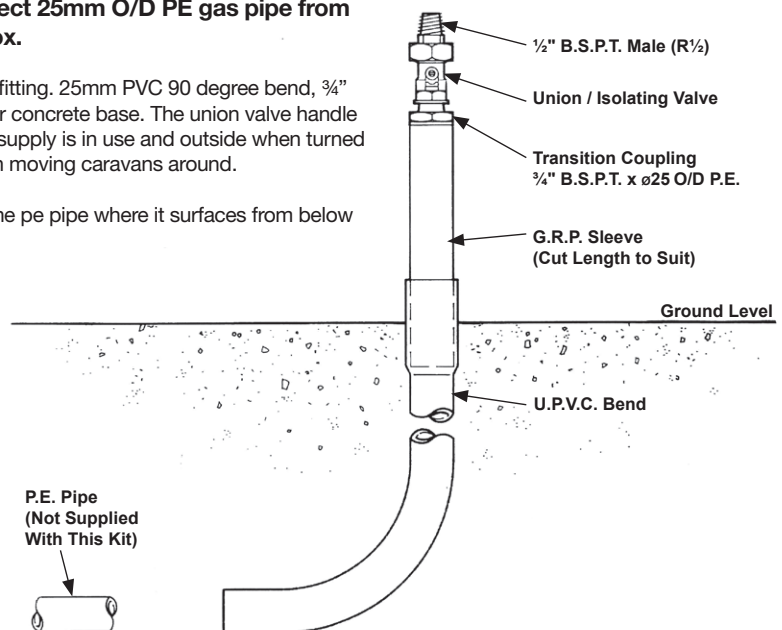
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The PE Connection Kit is designed to connect 25mm O/D PE gas pipe from below ground level to the caravan meter box.

The connection comprises 25mm Primofit transition fitting, 25mm PVC 90 degree bend, 3/4" x 1/2" Union Ball Valve and Baseplate for fixing to your concrete base. The union valve handle is designed to fit inside the meter box when the gas supply is in use and outside when turned off. It also allows easy removal of the meterbox when moving caravans around.

A GRP anti shear sleeve should be used to protect the pe pipe where it surfaces from below ground. A 1m length of GRP is supplied in the kit.



We also offer our caravan meter box with the option of a central inlet connection. This keeps all of the inlet pipework in line with the box support.