

ELECTRICAL METERING CABINETS

KMG Ltd, outdoor meter cabinets are manufactured from Glass Reinforced Plastic (GRP), and comply with the National Code of Practice for Customer Interface, 3rd Edition 2002 and the ESI standard, 12-3.

2004 specification outdoor metering cabinet



National Code of Practice for Customer Interface - 3rd Edition 2002

Enclosures for Domestic Metering Equipment
- particular to domestic installations

- Only ESB equipment should be fitted in outdoor metering cabinets
- Diagram A (overleaf), shows a typical outdoor metering cabinet
- Where it is clearly impossible to fit ESB equipment into an accessible outdoor location, the local ESB office should be consulted at planning stage, to determine the most suitable location
- Where the outdoor locations are permitted, an enclosure shall be provided for ESB equipment.
See page 47 of the Code of Practice 3rd Edition 2002



▲ 'Snap shut' self-latching locking mechanism

- ◀ Typical layout within the outside meter box.
Note: the cable entry and exits at the bottom of the box. Customer cable may also enter through a predrilled hole at the bottom right hand side of the box.



Typical location of outside metering cabinet at the side of a house. This is also a suitable location for the recessed Gas Box, manufactured by KMG Ltd.

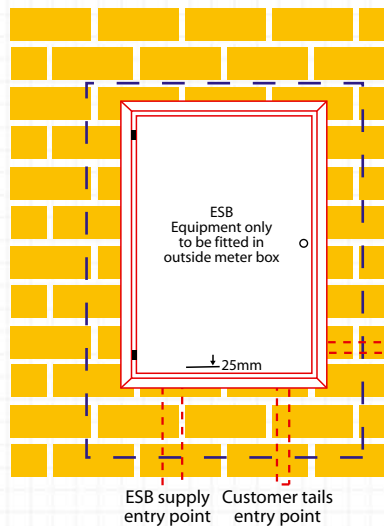
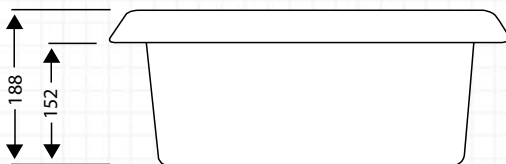
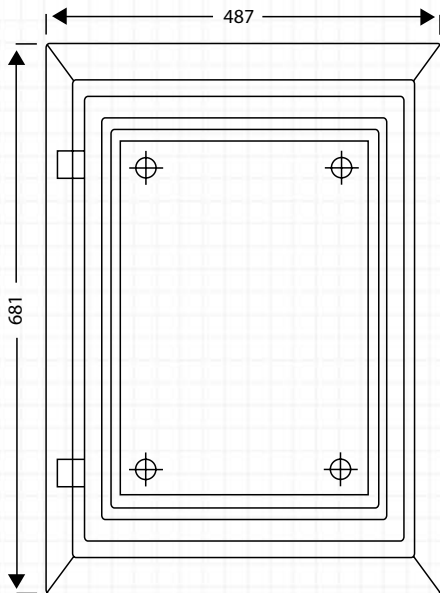
Other products from KMG Ltd. include:

- electrical metering box
- temporary supply meter box
- recessed gas meter box
- surface mounted gas box
- ground mounted gas box
- 63mm Riser cover
- 32mm Riser cover
- cable (ETU) box
- IP65 meter cabinet
- Agri box

Note: To comply with ESB regulations, all outdoor meter cabinets must be supplied with 'National Code of Practice Interface - 3rd Edition 2002', replacing 2nd Edition, issued 1994



ELECTRICAL METERING CABINETS SPECIFICATIONS



50mm diameter red electric cable duct, projecting 25mm inside the meter cabinet.

Water drain hole in the lowest section of the pipe.

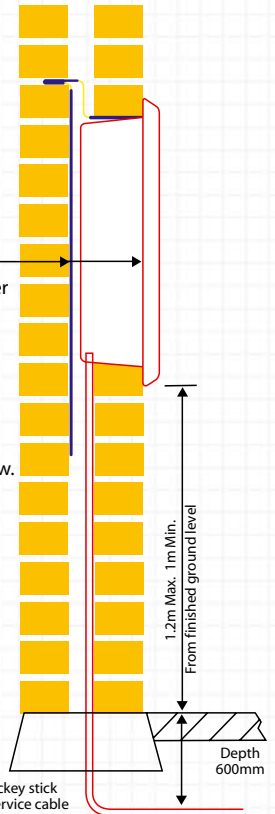
10mm draw-in rope (free of knots) to draw ESB supply cable.



Note:
Meter cabinet must comply with ESB specifications

Flange of cabinet to be water sealed and polythene damp proof course to be fitted by builder

Customer meter tails to enter at the bottom right of the meter cabinet. See notes below.



Typical method of installation of outdoor meter cabinets

- To comfortably accept the above cabinet, builders should provide an opening of 606mm (h) x 402 (w) x 155 (d).
- Where applicable, ensure that the door hangs so as to allow latch to fall into closed position.
- For ESB O/H supply situation, see sketch on pages 12/13 of the National Code of Practice for Customer Interface, 3rd Edition 2002 and/or contact local ESB office before fitting box.
- Meter cabinet to be located within 2m from the front line of the building and allowing ESB unobstructed access for meter reading.
- Each outside box must have identification to associate it with a particular installation/address, this I.D. should be in place at service installation stage.

**Note: Entry point for customer tails will be accepted at the bottom right hand side wall of the box.
This entry point is pre-drilled.**

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In accordance with Killarney Manufacturing Group's normal policy of product development this specification is subject to change without notice.