



Established 1906

WT KNOWLES & SONS LIMITED

RECESSED GAS METER BOX Mk2

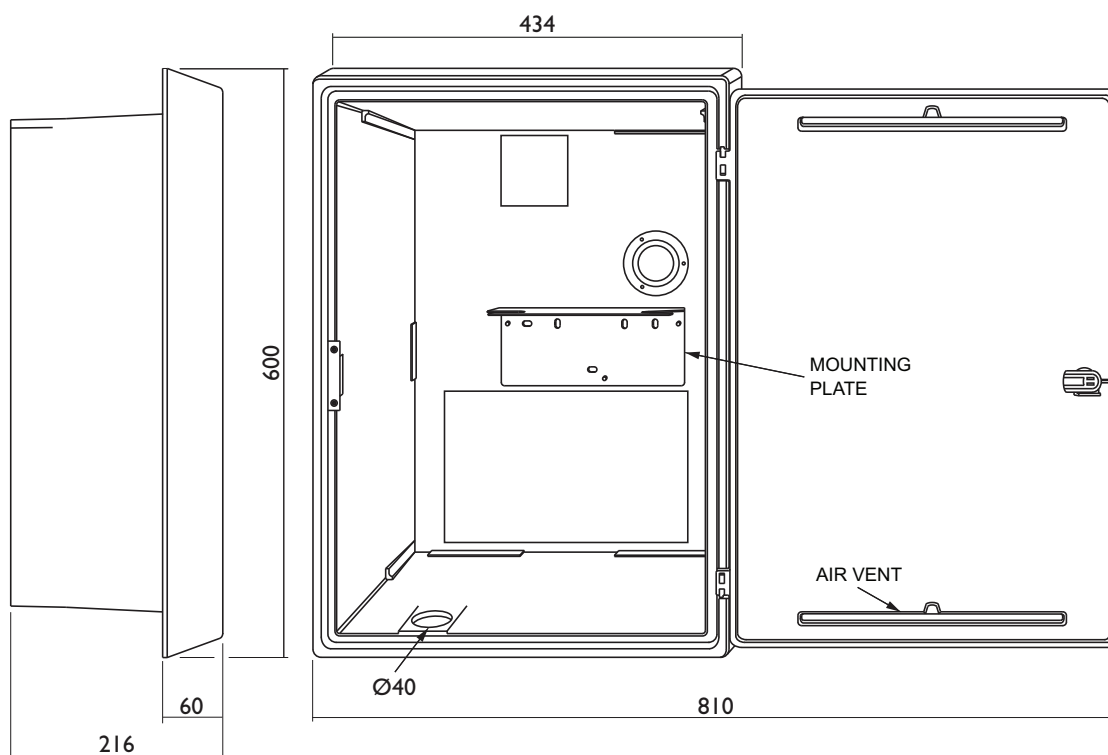
Model KG01024

Recessed Gas Meter Box

The Model KG01024 from WT Knowles is a white box and is intended to be fitted into a wall and cavity. It is suitable for all domestic U6/G4 gas meters. This box is fully approved to National Grid gas specifications.



Dimensions



WT Knowles and Sons Limited
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Specification

- Manufactured in white colour glass reinforced plastic (GRP)
- Complies with BS 8499:2009 – *Specification for domestic gas meter boxes and meter bracket* – Formerly National Grid Specification PRS8
- Fire retardant to – BS 476-7:1997 Class 2 – *Fire tests on building materials and structures. Method of test to determine the classification of the surface spread of flame of products.*
- Approved to National Grid gas specifications
- When installed in accordance with BS 6400 the box interior provides a Zone 2 area to BS EN 60079-10 – *Explosive atmospheres. Classification of areas.*
- Overall size(mm): 434 wide x 600 high x 216 deep
810 total width with door open
385 front clearance required to allow door to open
- Brickwork opening (mm): 365 wide x 527H x 155 deep.

Features

- Weather and sunlight resistant
- Degradation resistant
- Suitable for U6 and G4 metal cased gas meters
- Incorporates a fitted meter bracket
- Complete with:
 - Meter box key
 - Spigot and screw
 - Installation instructions affixed to the interior of the meter box

Replacements - (Spares)

- Door – Code: KG00016-L
- Meter box key (yellow) – Code: K203001
- Latch kit – Code: KT0008
- Pin Hinges – Code: KT0004
- Spigot and screws – Code: KIS0037

Riser Tube and Bend

GRP riser tube and 90° bend available to order

- GRP riser tube – Code: K300021
- 90 deg gas bend – Code: K208091

Installation

The installation pipe shall leave the box through either a cut-out on the bottom right or via a purpose designed spigot in the back.

Please follow the instructions provided in the gas meter box. A re-formatted instruction sheet is included as pages 3 & 4 of this data sheet which is available to download from our website.

All work must be carried out in accordance with: *The Gas Safety (Installation and Use) Regulations.*

After the installation has been completed, pipework and joints must be tested in accordance with:

BS 6891:2015 - *Specification for the installation and maintenance of low pressure gas installation pipework of up to 35 mm (R1¼) on premises*

Electrical Cross Bonding

Main equipotential bonding shall be made in accordance with:

BS 7671:2008+A3:2015+Amendment No. 2: 2013 - *Requirements for electrical installations. IET Wiring Regulations.*

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NOTE: This information is contained on a yellow label on the inside of the box.

It is a legal requirement that only competent people shall carry out any work in relation to gas fittings. Employers have a responsibility to ensure that all employees undertaking work on any gas fitting are competent.

Installing the Box

Ensure that the meter box is not damaged.

Build the box into the wall in the position specified.

The base and sides of the box must be fully bedded into the mortar to hold it into the wall with the sides of the architrave touching the outer leaf of the brickwork or any framework.

An 0.1mm thick polythene sheet or similar at least 700mm wide must be fitted as a damp proof course above and behind the box as shown. Alternatively a suitable cavity tray may be used.

Where a spigot is fitted build the inner wall around it filling any space between the wall and spigot with mortar. (The spigot will be cut flush with the inner finish of the wall by the pipework installer).

Customer

When you require a meter to be installed, please telephone your gas supplier.

PLEASE TRY TO GIVE AT LEAST 7 DAYS NOTICE.

INSTALLATION PIPEWORK

Installation Pipework

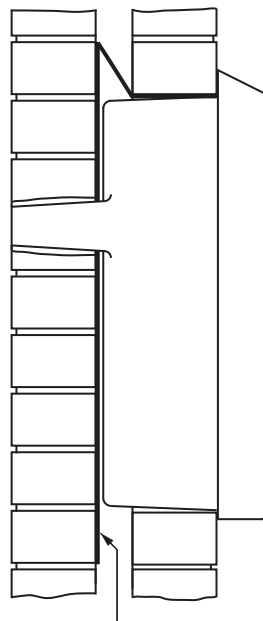
All work must be carried out in accordance with the Gas Safety (Installation and Use) Regulations.

The installation pipe shall leave the box through either a knock-out hole on the bottom left or via a purpose designed spigot in the back.

Where soldered joints are used, care shall be taken to avoid any heat damage to the box.

Where spigot entry is used, the gap around the pipe shall be sealed with a flexible sealing compound.

Where the installation pipework leaves the box at the base, care shall be taken to allow sufficient space to install the meter. Where the pipework enters the property the pipe must pass through the wall using a sleeve (sealed to the wall and pipe) in accordance with BS 6891.



A polythene sheet 0.1mm thick or suitable cavity tray to be fitted by the builder

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Installation Pipework Continued

The complete installation shall be tested for gas tightness in accordance with IGE/UP/IB or BS 5482-1:2005.

UNLESS INSTRUCTIONS ARE COMPLIED WITH, THE GAS METER MAY NOT BE INSTALLED.

GAS MUST NOT BE MADE AVAILABLE TO APPLIANCES UNLESS THEY HAVE BEEN FULLY COMMISSIONED.

Electrical Cross Bonding

Main equipotential bonding shall be made in accordance with BS 7671:2008 + A3:2015.

IMPORTANT: HOLES IN THE SIDES / BACK OF THE BOX SHOULD BE AVOIDED, ANY ESSENTIAL HOLE / FIXINGS (EG IN A REPLACEMENT BOX) SHALL BE SEALED WITH A FLEXIBLE SEALANT.

IF YOU THINK YOU SMELL GAS

Turn off the supply at the control valve. Open doors and windows.

Do NOT use naked flames.

Do NOT turn electrical switches on or off. Do not smoke.

IMMEDIATELY CONTACT THE GAS EMERGENCY SERVICE THE TELEPHONE NUMBER IS

0800 111 999

Do NOT reopen the supply until remedial action has been taken by a competent person to prevent gas escaping again.

14-06-2017

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