



Established 1906

WT KNOWLES & SONS LIMITED

UNIBOX UNIVERSAL GAS METER BOX

Model KG02013

Unibox Universal Gas Meter Box

The Model KG02013 from WT Knowles accepts all front facing, top angled or latest design pre-payment meters and smart meters with a choice of inlet and outlet positions. The Unibox incorporates a meter bracket and complies with BS 8499:2017 - *Specification for domestic gas meter boxes and meter bracket*.

The Unibox may be surface mounted, floor standing or partially buried in the ground.



Dimensions



WT Knowles and Sons Limited
Ash Grove Pipeworks
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Specification

- Manufactured in brown colour glass reinforced plastic (GRP)
- Complies with BS 8499:2017 – *Specification for domestic gas meter boxes and meter bracket*
- 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.*
- Overall size: 480 wide x 500 high x 290 deep
250 front clearance to allow lid to open

Features

- Suitable for:
 - ❑ Smart meters
 - ❑ Front facing, top angled or latest design pre-payment meters
- Weather and sunlight resistant
- Degradation resistant
- Choice of inlet and outlet positions
- Meter bracket
- Lid modified to accept the Jeavons J42 regulator
- Complete with:
 - ❑ Meter box key
 - ❑ Installation instructions affixed to the interior of the box

Replacements - (Spares)

- Lid – Code: KG02018
- Meter box key (yellow) – Code: K203001
- Latch kit – Code: KT0008

Installation

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 7671:2018 - *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 lid.

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.

Unibox Universal Gas Meter Box

The Unibox from W T Knowles accepts all front facing , top angled, U6(G4) domestic gas meters or latest design pre-payment meters and some medium pressure applications. It has a choice of inlet and outlet positions and incorporates a meter bracket. It may be semi-concealed, free standing or surface mounted.

Installing the Box

Check that the box is not damaged.

The box should be positioned so as not to cause an obstruction or be exposed to damage from vehicles etc. It should be located as close as practicable to where the installation pipework is required to enter the premises.

The UNIBOX may be used at ground level, in a semi-concealed (75mm submerged into the ground) or fixed to the wall as a surface mounted application. This allows for fitting to the wall at ground level without bridging the damp course.

Where the box is used in a semi-concealed installation, ensure that the ground is level and is firmed adjacent to the exterior wall in the location previously agreed with the developer.

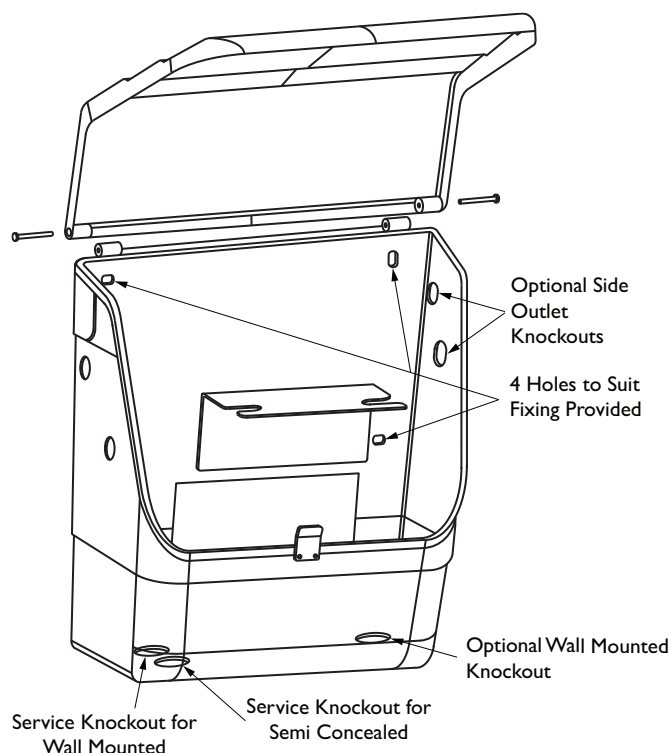
Position the box so that the ground indicator is level front and back and from side to side.

Unless previously determined, ground level will generally be two bricks below DPC. If in doubt, ask the site agent or manager.

Using the box as a template, mark the 4 fixing holes. If the rear outlet is to be used, mark the centre and drill through the wall.

Drill the fixing holes and secure the box to the wall using the plugs and screws provided.

Fit the lid by pressing the pins through the lid into the box and tap into position. Lock the box.



Connecting the Internal Installation Pipework

All work must be carried out in accordance with the Gas Safety (Installation and Use) Regulations 2018 (Latest Edition).

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

The gas service entry is through the bottom of the box on the left hand side with a built-in mounting for PE pipe transition fitting. The gas outlet positions are on the right hand side.

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Connecting the Internal Installation Pipework

The installation pipework should leave the box via the optional “knock-out” positions and should enter the building as close as practicable to the outlet of the meter box, keeping to a minimum the pipework external to the building.

Any gas pipe entering a building must pass through the wall using a full length sleeve. The sleeve must be sealed to the pipe and to the wall on both the inside and outside of the building.

The installation must be completed and tested in accordance with BS 6891:2015 *Specification for the installation and maintenance of low pressure pipework of up to 35mm (R1 ¼) on premises.*

Pipework external to the box and building must, wherever necessary, be suitably protected against corrosion.

Where the meter box is installed remotely from the building it serves, an Emergency Control Valve shall be installed at a point where the installation pipework enters the building in accordance with the Gas Safety (Installation and Use) Regulations 2018 (Latest Edition).

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

Electrical Cross Bonding

Electrical Cross Bonding shall be made to the installation pipework, as near as practicable to the point of entry into the building in accordance with IEE regulations and BS 7671:2018. *Requirements for Electrical Installations. IET Wiring Regulations.* It is recommended that the connection point be **INSIDE THE BUILDING**.

Developer

Where you require a meter to be installed, please telephone the number or the call centre specified in the Site Manager's Technical Pack.

PLEASE TRY TO GIVE AT LEAST 7 DAYS NOTICE.

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.

19-02-2019

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