



Groundbreaker³ specifications.

Kiwa KUKReg4 approval No. 2608727 (1)

Benefits:

- Designed to eliminate installer errors.
- Water meter specifically on property served.
- Water meter accessibility for disabled as recommended by Ofwat.
- Meter range up to 3000m.
- No street furniture.
- No joints in service pipes.
- No leakage from service pipes.
- Replace lead pipes simply and efficiently.
- Total accessibility.
- Tell-tale on door to check closure.

Features

Body:

- Reprocessed plastics to enhance our carbon footprint.
- Accommodate new generation meters and all Smart meters.
- Accommodates NRv2 or LoFlo water management devices.
- Impermeable membrane seals wall gaps for added insulation.
- Interface with INSUduct.

Security:

- | | |
|-----------------------|---|
| • Secure by design | Accessible only at point of delivery. |
| • Toggle latches | Lockable Stainless steel = additional security. |
| • Door closure check. | Centre of gravity of door means it must be locked to close. |

Insulation:

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|---------------------------|--|
| • Interlocking insulation | Dovetails to seal unit internally when door closed. |
| • Denser compound | Increased density to give even greater frost protection. |
| • Graphite inclusion | For more efficient insulation. |

Manifold:

- | | |
|------------------------------|--|
| • Philmac type connector | Multiple pipe diameter and material connectors. |
| • Fittings for "standard" PE | 25mm pipe fittings as standard. |
| • Fitting for barrier pipe | 25mm barrier pipe fitting provided within pack. |
| • Manifold pressure | Individually tested to 16 bar: batch test to 50 bar. |

Applications:

- New water services.
- Ideal for modular home developments.
- Lead pipe & water service replacements.
- Retrospective meter options.
- Caravan and park homes.
- Agricultural drinking troughs.

Legislation: -

- Proven to exceed water industry requirements for frost protection.
- KUKReg4 Approval 2608727 (1).
- WRc approved for functionality.
- Exceeds Australian Standard 4020.



Technical data

Size:

530mm x 300mm x 170mm

Connections:

25mm MDPE (Philmac[™] type)

Barrier pipe(s) 25mm nominal OD diameter.

Plastic covered copper – adaptor required

Control Valve:

Standard washer / spindle

Check valve:

Watts Ocean or NeoPerl

Pressure rating:

Tested to 15 bar

QA certified to 12 bar.

Burst pressure 46 bar

Water meter compatibility

All concentric types

Shell:

Injection moulded in 100% reprocessed polypropylene material

UV stabilised

50+ year design life

Insulation:

50% recycled material

Thermal conductivity 0.025W/mK

Water absorption >0.1% by volume

Tools required:

Drill 7mm masonry bit

Screwdriver (Philips's type)