

15mm and 20mm Surface Polymer Water Meter Box.

- Meter box inlet and outlet connectors shall have 20 mm glass reinforced polymer BSP parallel male threads to accept a suitable 20 mm female adaptor.
- Size of box across the base: 300 mm (length) x 180 mm (height) x 198 mm (width), capable of housing 15 mm and 20 mm meters of 114 mm and 165 mm length.
- Meter box and lid to be moulded from modified UV stabilised polypropylene.
- All internal plumbing should be such that it is easily repairable in the field without the need for power or specialised skills and tools. No fusion welding.
- The meter box lid to overlap the top of the meter box to give additional support and strength.
- Meter box to have been tested for load bearing at the SABS and certified in terms of SANS 1882: 2003 as conforming to the requirements for Light Duty – 7
- Meter box to be fitted with a clip-on polymer base plate. No metal securing pins or screws to be used which can corrode.
- Lid to be fitted with a tamper resistant locking mechanism which must be opened using a special key.
- Meter couplings to be so designed that they retract to create a gap when loosened, thus allowing easy removal and replacement of the meter without having to apply pressure to force the connectors away from the meter.
- Meter box to be fitted with a 15 mm or 20 mm volumetric water meter approved by the N.R.C.S to Class 'C' specifications under the Legal Metrology Act and Regulations, and tested in a S.A.N.A.S. accredited laboratory recognised as competent to carry out specific tests under the Code of Practice S.A.N.S.10378: 2012.
- A high-quality 2-way SABS approved polymer ball valve to be fitted on the upstream side of the water meter.
- All Meter box internal plumbing to be pressure tested with air at a pressure at a pressure of 600 kPa prior to dispatch to ensure there are no leaks.
- Three years guarantee against faulty workmanship and/or materials.

OPTIONS: (Please add or remove as required)

- 114 mm long 15 mm Polymer Volumetric Piston Meter as per specification.
- 165 mm long 20 mm Polymer Volumetric Piston Meter as per specification.
- 114 mm long 15 mm DZR Brass Volumetric Piston Meter as per specification.
- 165 mm long 20 mm DZR Brass Volumetric Piston Meter as per specification.

- Municipality name on Lids (To special order minimum quantities and longer lead time).
- Additional serviceable fine mesh strainer upstream of the meter for additional protection of the meter. (Special order 15mm 114 meters only).
- 20 mm Female Inlet and Outlet fittings (Special order with longer lead times).
- Meter box supplied without meter with fittings. (Specify meter size and fitting type).
- Meter box supplied without fittings and meter.

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