



WATER METER CHAMBERS

DN 500

for installation at the individual user connections

TYPES:

- STANDARD version,
- Standard DUO version (for two water metres)

It is possible to buy only the well body (without the equipment).

DIMENSIONS

- body height: H=1400 mm
- insulation length: L=600 mm

PURPOSE

- installation of the water meter and water fittings at the users' connections that use the water systems.

VALUES

- possibility of installing a sub meter
- protection of the fittings from theft
- simple construction
- easy access to water metre(s) – reading from the ground level
- positive temperature inside the well is assured even in external temperature reaching -30°C
- small diameter that does not require large excavations



TECHNICAL DESCRIPTION

Purpose: installation of the water meter and water fittings at the users' connections that use the water systems. DN 500 water meter chambers have bottoms, therefore they use the geothermal ground heat and can be used in temperature above ground reaching -30°C .

The body is made of rotary moulded polyethylene fitting insulated from outside, extended to the desired height of the well using the $\varnothing 400$ polyethylene pipe.

The fittings enable the assembly of a water metre DN 15 (1/2") with G 3/4" thread (or DN 20 after reduction) and inlet and outlet with the PE $\varnothing 32$ pipe.

The water metre is located under the insulated cover. Reading from the ground level. Under the cover there is a space for possible installation of a radio module for the water metre. The well cover is adapted for the load up to 15 kN (it enables installing the well in green areas and road lanes with permissible load for A class by PN-EN 124). The cover can also be equipped with a closing that prevents from unauthorized access (option). DN 500 water metre wells are also available in a version adapted for 2 water meters.

Other versions of the DN 500 water metre wells are available on request. The

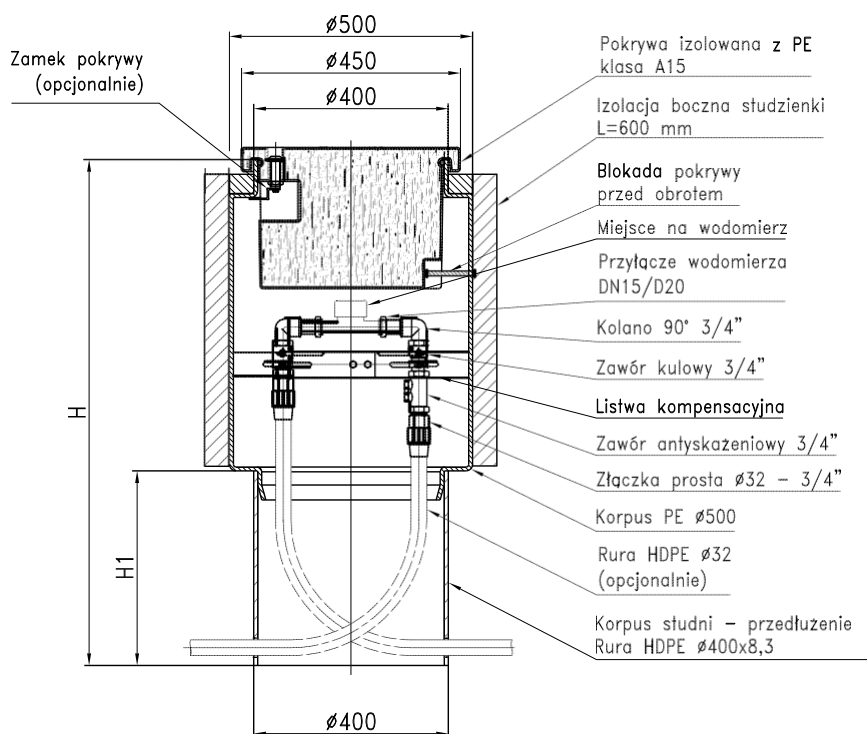
decision on well construction

on a road lane is made by a designer, road owner or future user.

During the construction and operation the chamber assembly and operation instructions must be followed.



Interior of the STANDARD DUO chamber



APPENDICES:

- Technical approval IBDiM
- Declaration of conformity no. 14
- CSW price list