



Hawle Water Meter Chamber 2.0

Explanatory notes on the brochure

General media information in the product descriptions may apply subject to certain restrictions. Kindly always state the relevant medium in your given application when you place an order or submit a query.

If you have any further questions about our products, please do not hesitate to contact our employees of the application engineering division at any time.



Products for use in connection with potable water



In general, products sold by us are subject to the statutory warranty period of 2 years from the date of delivery at Hawle. Due to the high quality of Hawle products, we are able to offer you an extended warranty of 5 years for products manufactured by us. For more details, please see our website at: www.hawle.de/en/warranty-extension/



Information on our “10-year quality guarantee” for Hawle potable water products are available at the following link: www.hawle.de/en/10-years-quality-warranty/



For current information, please see our Hawle app. Further information is available at www.hawle.de/en/downloads/hawle-app/hawle-app/

Hawle Water Meter Chamber 2.0

The Hawle water meter chamber 2.0 is suitable for installation on domestic water connections during the construction of new buildings or restoration of existing buildings.

Furthermore, the water meter chamber 2.0 can be used in built-up areas with a risk of pressing groundwater or flooding. The chamber body seals reliably against water pressing in from the outside. The special external shape prevents the chamber from floating, and the chamber can be fastened to a foundation using the existing lugs.

The two combination connections with a ZAK46 socket or a integrated push-fit fitting allow all fittings with ZAK46 spigot ends or a PE-pipe (d 40) to be connected.

For an easy read-out of the water meter or for maintenance purposes, the meter fitting installed in the water meter chamber can be removed under operating pressure. The plug integrated in the shut-off valve shuts off automatically when the water meter fitting is removed. This eliminates the need for an additional shut-off of the potable water pipe.

Suitable water meter (to be provided on the construction site):

- face-to-face length 190 mm
- connection 1"
- analog or digital version
- Q3 = 4

The separately available chamber cover for the Hawle water meter chamber 2.0 (order no. 205-01) is available in the variants B 125 cast-iron version or a A 15 cast iron version or PE version according to DIN EN 124-1.



Water meter chamber 2.0

Outlet: ZAK46 socket with integrated push-fitting connection (d40)

A15: Areas reserved exclusively for use by pedestrians and cyclists.

B 125: Sidewalks, pedestrian zones, and similar areas, car parking areas, or parking decks.

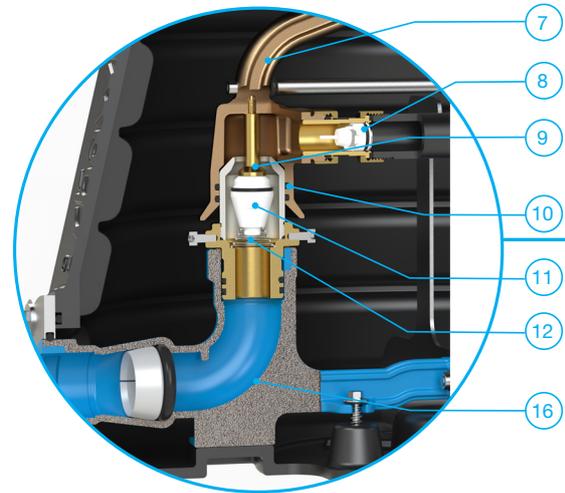
The telescopic pipe attached to the frame of the chamber cover allows for height adjustment of 0 to 30 cm during installation for all chamber cover versions. This allows the pipe cover depth of the water meter chamber to be adjusted accordingly.

Technical details

- Easy removal of the meter fitting
- Automatic shut-off when meter fitting is removed
- Meter fitting can be removed while under pressure
- Operator-friendly replacement of water meters
- Dirt-resistant shut-off valve
- Shut-off valves in the chamber can be replaced due to tried and tested ZAK® system
- Integrated backflow preventer
- For standard water meters Q3 = 4 (face-to-face length 190 mm)
- Max. operating pressure PN 10
- ZAK46 socket connection versions with integrated push-fit connection d 40 mm
- Flexible connection to various pipe systems due to tried and tested ZAK® system
- No angle seat shut-off unit required due to the integrated automatic shut-off
- Available pipe cover depths: 1.00 m, 1.25 m, 1.50 m
- Load on water meter chamber cover B 125 or A 15
- Adaptation of the pipe cover depth with the aid of the chamber cover (0-30 cm)
- Can be used as a construction water chamber with blind connection
- Quick conversion from construction water connection to meter fitting
- Pressurized-water-protected chamber with float protection
- Integration of an external antenna is possible
- Own chamber cover for flushing and construction water connection

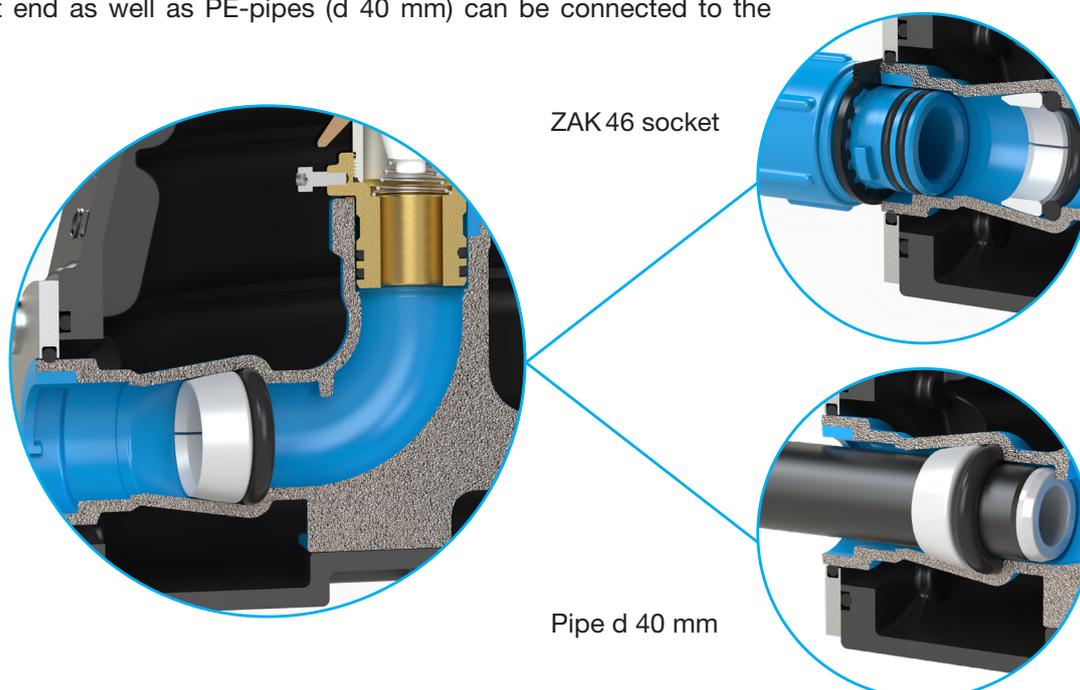
Components: Water meter chamber 2.0

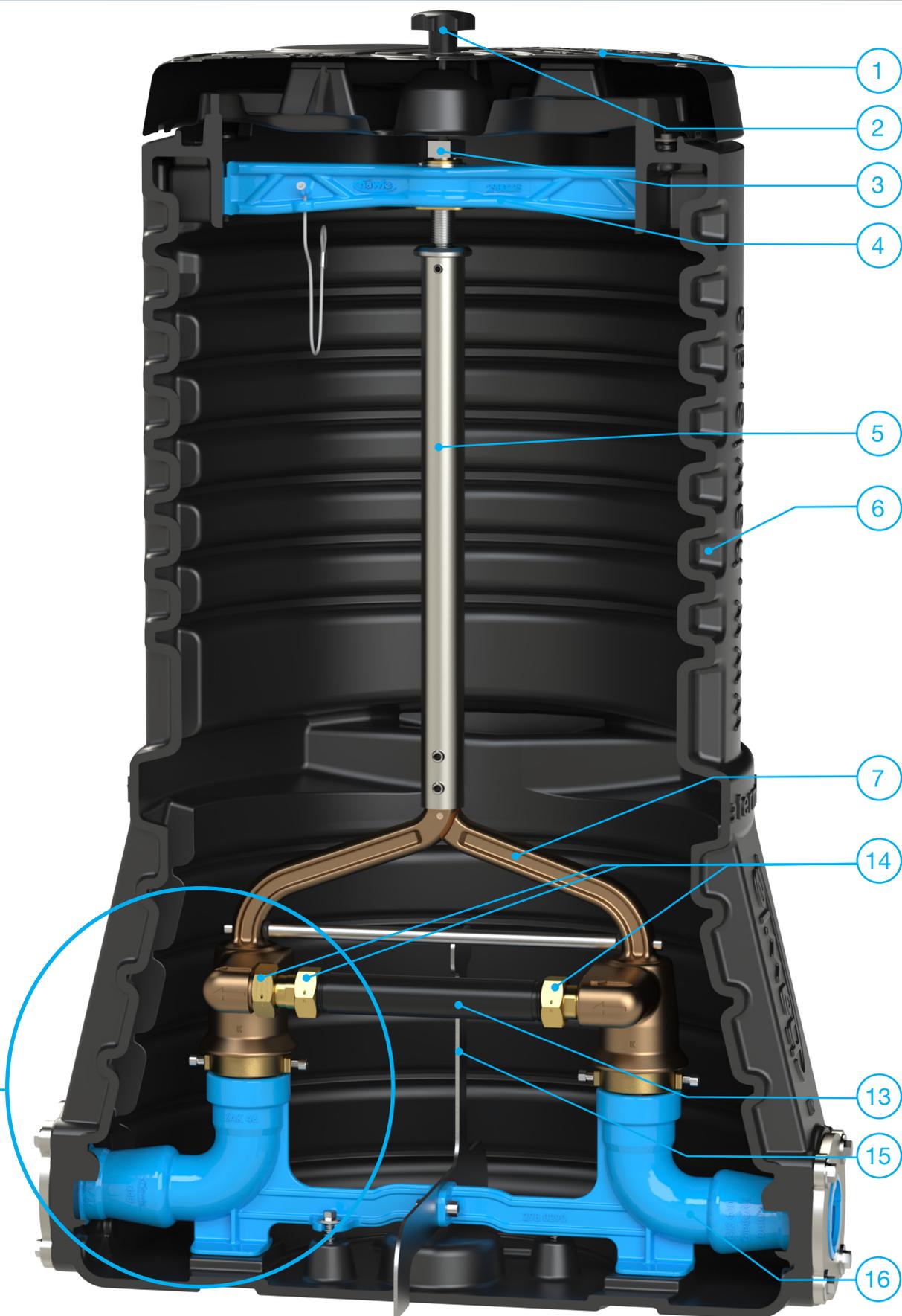
Short designation	Material
1 Chamber cover	PE
2 Star handle	PA / stainless steel
3 Centering screw	stainless steel
4 Clamping yoke chamber	GJS-400 cast iron, Hawle epoxy powder coated or
5 Mounting pipe	stainless steel
6 Chamber	PE
7 Meter fitting	gunmetal
8 Backflow preventer	POM
9 Plunger	brass
10 O-ring (double O-ring seal)	EPDM according to criteria document for plastics and other organic materials in contact with drinking water (UBA-KTW-BWGL transitional arrangement) of the German Federal Environmental Agency (UBA)
11 Plug	POM
12 Compression spring	stainless steel
13 Fitting piece	PE
14 Cap nut	brass
15 Sheet metal	stainless steel
16 Base with ZAK®46 socket with integrated push-fit connection (d 40 mm)	GJS-400 cast iron, Hawle epoxy powder coated



1 outlet - 2 options

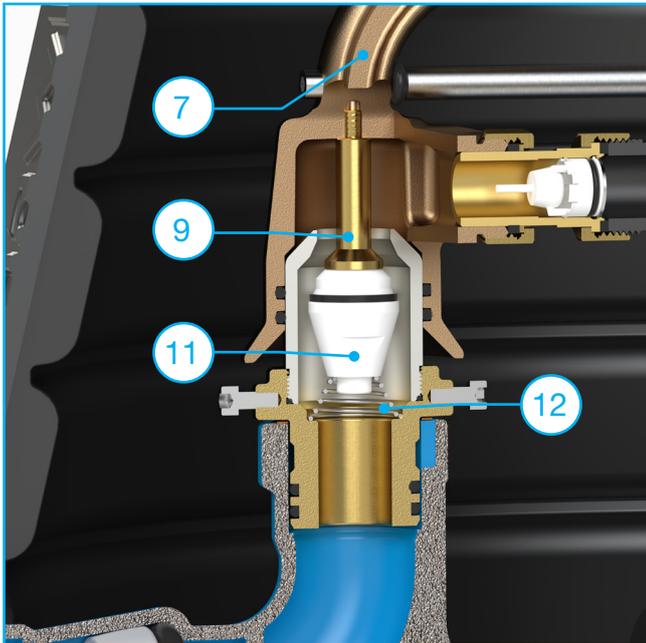
Thanks to the integrated ZAK® socket with push-fit fitting, all fittings with a ZAK® spigot end as well as PE-pipes (d 40 mm) can be connected to the outlet.





Sealing and removal of the meter fitting

Sealing of the meter fitting:



During assembly, the meter fitting (7) presses the plug (11) place with the help of the plunger (9), which ensures the flow-through of water. During assembly, the connection is fully leaktight.

Removal of the meter fitting:

When dismantling the meter fitting (7), the shut-off valves close automatically by means of the plug (11) and the compression spring (12); this depressurizes the meter fitting. No water escapes during undocking. Only when the second O-ring no longer seals does the remaining water in the meter run into the chamber, where it can then be removed with a wet vacuum cleaner.

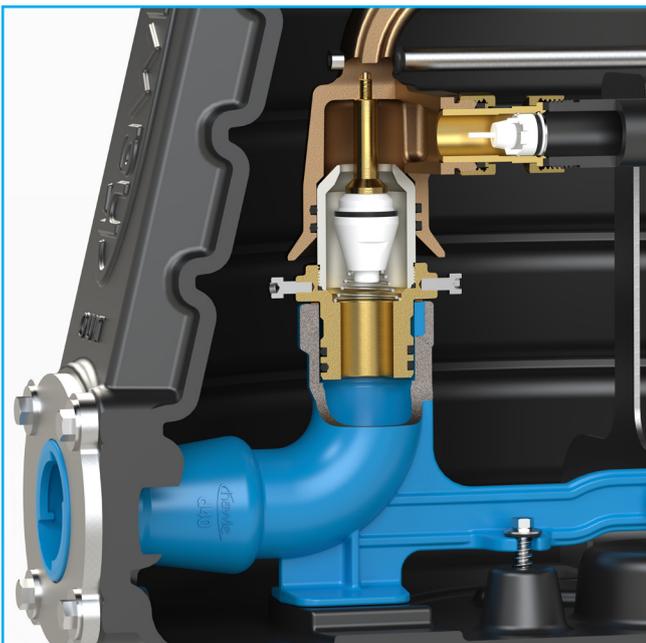


Figure: Mounted meter fitting

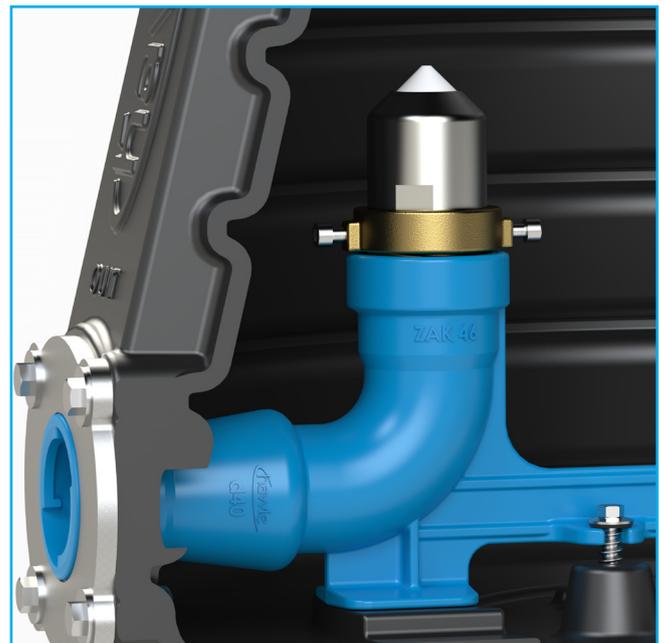
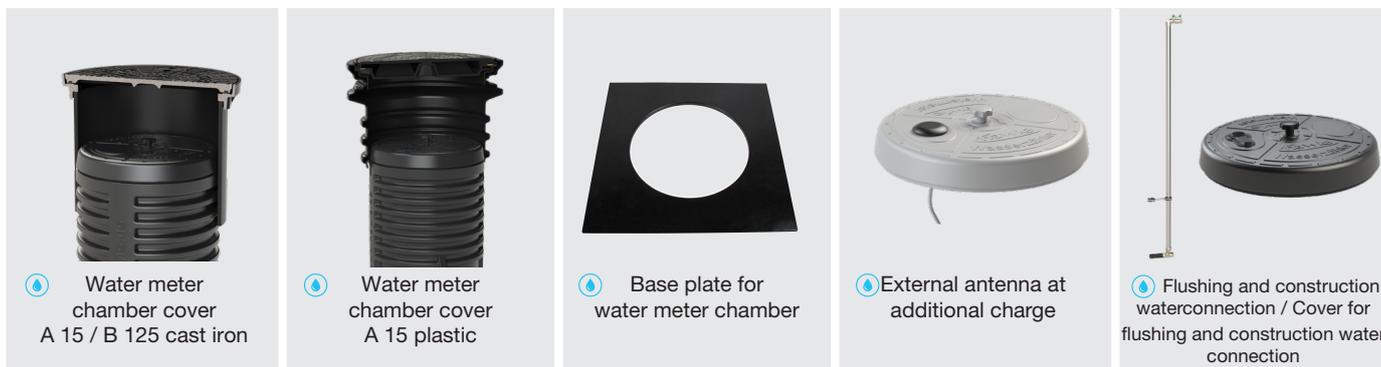


Figure: The Hawle ZAK® system allows for easy, quick removal of the meter fitting. Reduced susceptibility to dirt due to conic design.

Height adjustability / product supplements

Height adjustability:



Max. operating pressure

No.	Description	Max. operating pressure	Properties
205-01	Water meter Chamber cover B 125 cast iron	-	Label "Wasserzähler" - "Water meter" Material: GJS 400 cast iron / PE
205-01	Water meter Chamber cover A 15 cast iron	-	Label "Wasserzähler" - "Water meter" Material: GJS 400 cast iron / PE
205-01	Water meter Chamber cover A 15 plastic	-	Label "Wasserzähler" - "Water meter" Material: PE
204-10	Base plate for chamber cover for water meter chamber 2.0	-	Material: PE
-	External antenna at additional charge	-	Improvement of wireless range of digital water meters
298-01	Flushing and construction water connection / Cover for flushing and construction water connection	10 bar	Material: gunmetal, stainless steel / PE



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We deliver based on our familiar General Terms and Conditions of Sale (GTC), which are available for downloading.
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