

Tender specification:

Oventrop water meter installation set “Aquastrom UP-MS” consisting of a flush-mounted isolating valve and a water meter housing with universal G 2 coaxial thread for the fixing of measuring capsules of different manufacturers up to $Q_n=1.5 \text{ m}^3/\text{h}$ ($Q_3=2.5 \text{ m}^3/\text{h}$ according to MID directive). The one-piece casted, completely pre-assembled and leak tested unit allows for an optimum installation and alignment of water meters and isolating valves for metering the cold and hot water consumption in potable water installations.

Complete pipe section made of bronze according to DIN EN 1982 and DIN 50930-6, one-piece casted, isolating valve DVGW certified, high quality insulation shells made of special expanded polystyrene according to the German Energy Saving Directive (EnEV) for thermal and sound insulation, building material class B1 according to DIN 4102, including fixing set for installation on the brickwork or front-wall installation, compact construction with 120 mm inside micrometer, different bonnets (see accessories) allow for variable installation depths within the installation dimensions of the corresponding water meter, including protection caps and pressure relief cap, operation of the isolating valve during the construction phase with the help of the protection cap.

Technical data:

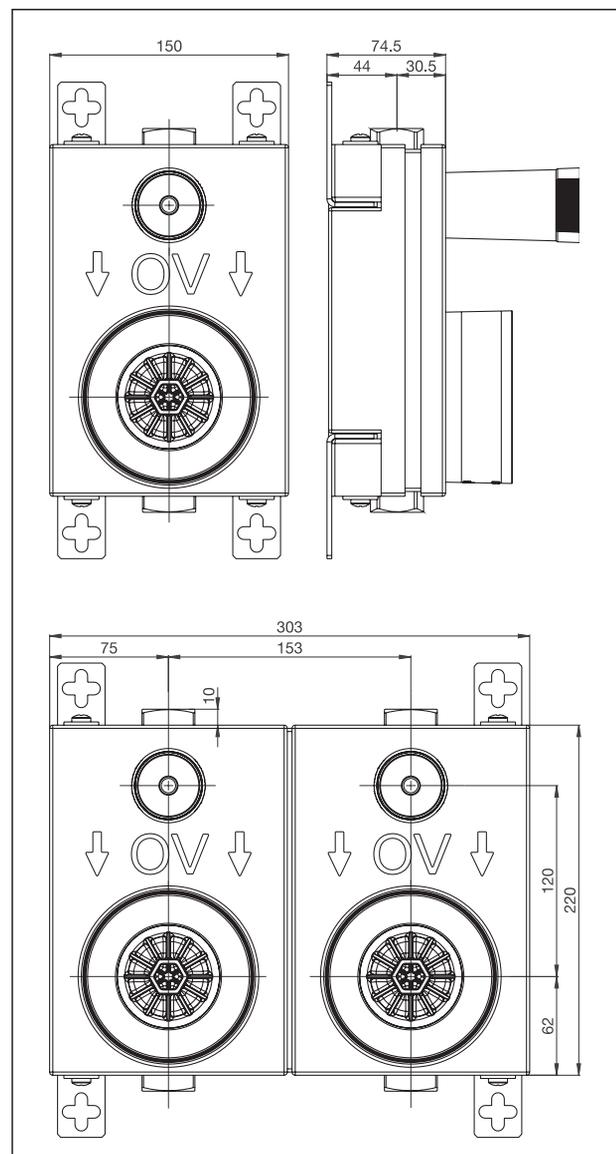
Application:	Potable water installations
Max. operating temperature:	90 °C (observe specifications of the manufacturer of the measuring capsule!)
Max. operating pressure:	10 bar (PN 10)
Installation:	Including fixing set for brickwork of front-wall installation
Materials:	Complete pipe section made of bronze according to DIN EN 1982 and DIN 50930-6 DVGW certified isolating valve made of bronze and brass, PTFE seal Insulation shells made of special expanded polystyrene according to the German Energy Saving Directive (EnEV), building material class B1 according to DIN 4102
Connections:	Rp 3/4 (pipe section) G 2 coaxial (water meter)

Models:			Item no.:
“Uno” (1 x pipe section)	DN 20	Rp 3/4	4223116
“Duo” (2 x pipe section)	DN 20	Rp 3/4	4223216

The “Duo” model is dividable into two “Uno” models at the centre cut edge.



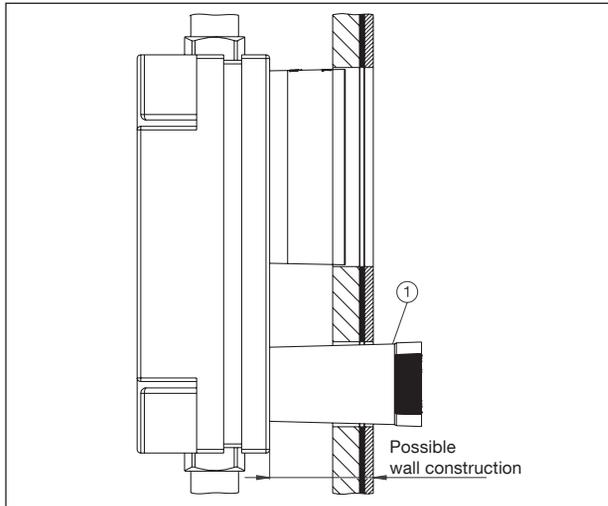
“Aquastrom UP-MS”, models “Uno” and “Duo”



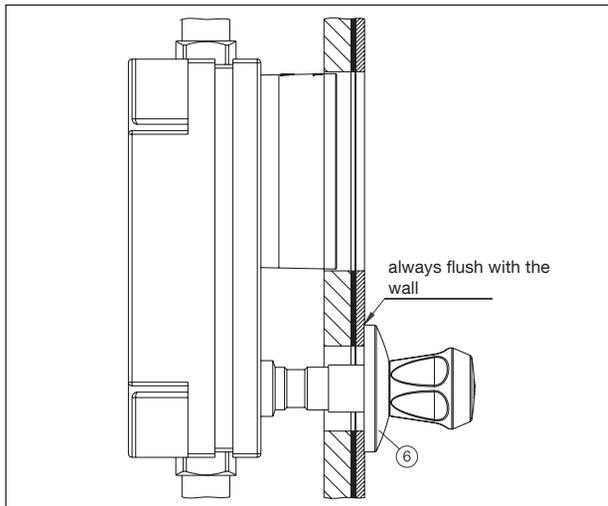
Dimensions

Wall construction:

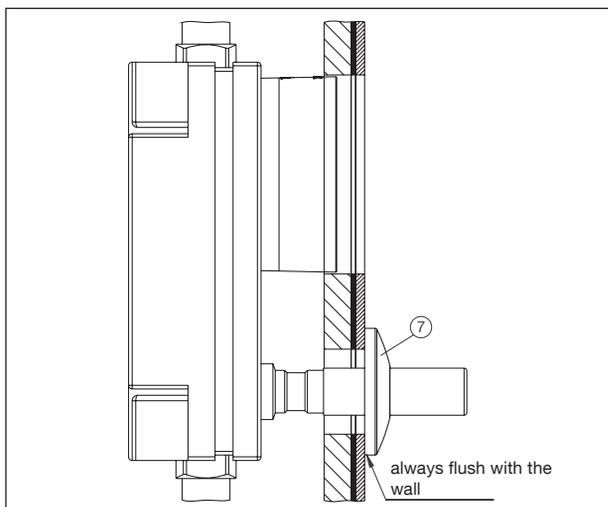
Depending on the model, the different Oventrop bonnets (see accessories) for the valve insert allow for a variable wall construction depth between 0 and 135 mm. It must be observed that the wall construction depth also depends on the selected water meter and the accessories offered by the manufacturer.



Possible wall construction depth (min. 0 mm, max. 135 mm)



Example: Bonnet handwheel set long (35-90 mm)



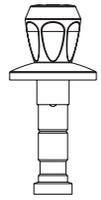
Example: Lockshield bonnet set long (35-135 mm)

Accessories:

Bonnet handwheel set
for wall construction depth 0-35 mm
Item no. 4223192



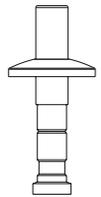
Bonnet handwheel set long
for wall construction depth 35-90 mm
Item no. 4223195



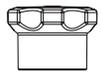
Lockshield bonnet set
for wall construction depth 0-40 mm
Item no. 4223196



Lockshield bonnet set long
for wall construction depth 35-135 mm
Item no. 4223193



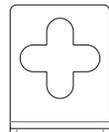
Handwheel
for surface-mounted installation
Item no. 4223197



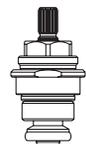
Pipe socket wrench
for all flush-mounted valves
Item no. 4229035



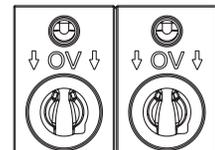
Fixing set
consisting of 4 elbows,
4 screws and 4 discs
Item no. 4223194



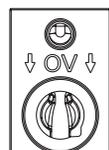
Spare valve insert
DN 20
Item no. 4223191



Spare insulation shells
Model “Duo”
Item no. 4223290



Spare insulation shells
Model “Uno”
Item no. 4223190



Subject to technical modifications without notice.

Product range 12
ti 341-DE/10/MW
Edition 2017