

Flow assembly for O₂ measurement *FlowFit W COA 250*

Assembly for unsupported installation in pipes or wall mounting



Application

The flow assembly COA 250 has been developed specifically to hold the membrane-covered oxygen sensors COS 3, COS 3S or COS 4. This assembly is used wherever normal sensor immersion is either impossible or undesirable. In the case of pipes with large diameters or directly in measuring water lines of smaller diameters, the assembly should be installed in a bypass arrangement.

Areas of application

- Waste water processing
- Drinking water
- Monitoring of surface waters
- Analysis stations

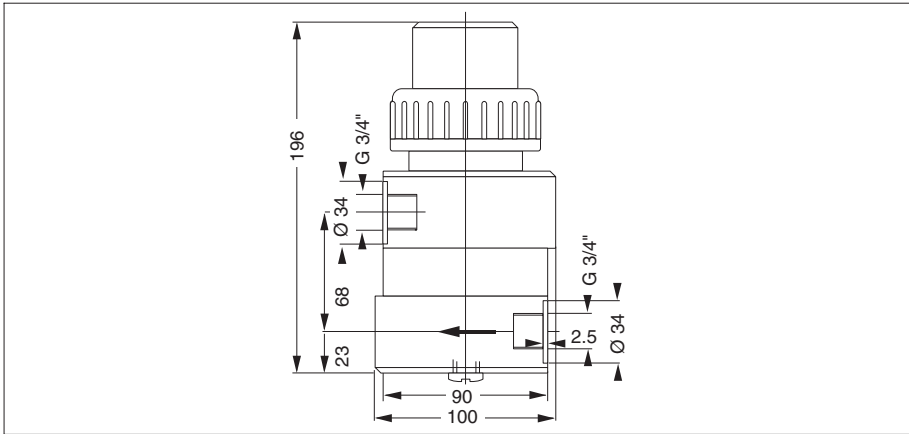
Benefits at a glance

- Simple wall installation or unsupported installation in pipes
- Can be connected to pipes or hoses
- The inlet and outlet can be connected at the same level by fitting two standard 90-degree angles
- Automatic self-venting due to bottom inlet/top outlet design
- Quick oxygen sensor response is assured by inside volume dimensions
- Construction is insensitive to clogging
- Oxygen sensor can be easily removed for calibration in air
- Allows connection of a spray head for sensor membrane cleaning during operation



Dimensions

Dimensions of
flow assembly
COA 250



Technical data

Materials of flow assembly	PVC; O-ring made of EPDM
Dimensions	Ø 100 x 195 mm (without sensor)
Measuring water connection	internal G 3/4" thread
Connectors	commercial G 3/4" fittings; an O-ring, ID 26, 57 W3, 53 can be installed for additional sealing
Max. permissible water pressure	6 bar at 20 °C 3 bar at 50 °C
Recommended minimum flow	100 l/h (with sensor COS 3 or COS 4) 500 l/h (with sensor COS 3S)
Recommended maximum flow	1000 l/h
Max. operating temperature	50 °C
Equipment mounting positions	1 oxygen sensor COS 3, COS 3S or COS 4 1 spray head CUR 3

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How to order

Flow assembly FlowFit W COA 250

Version

A Material PVC

COA 250

⇐ complete order code

Accessories

☐ COY 250 pipe clamp for plate and wall installation	Order no. 50065132
☐ CUR 3 spray head for cleaning purposes	
☐ TI COS 3/COS 3S	50057226
☐ TI COS 4	50085981
☐ TI Chemoclean CYR 10/20	50014223

Supplementary
documentation

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