

User Instructions

9180100, 9180200, 9180300 and 9180400 Flow Cells

The flow cells are supplied with English or metric fittings.

English: 9180100 for 1 in. NPT sensors, 9180200 for ¾ in. NPT sensors

Metric: 9180300 for 1 in. NPT sensors, 9180400 for ¾ in. NPT sensors

NOTICE

Inlet pressure 50 PSIG (345 kPa) maximum 0–40 °C (32–104 °F). Do not exceed sensor maximum operating pressure and temperature. Maximum flow rate: 2 gal/min (7.5 L/min).

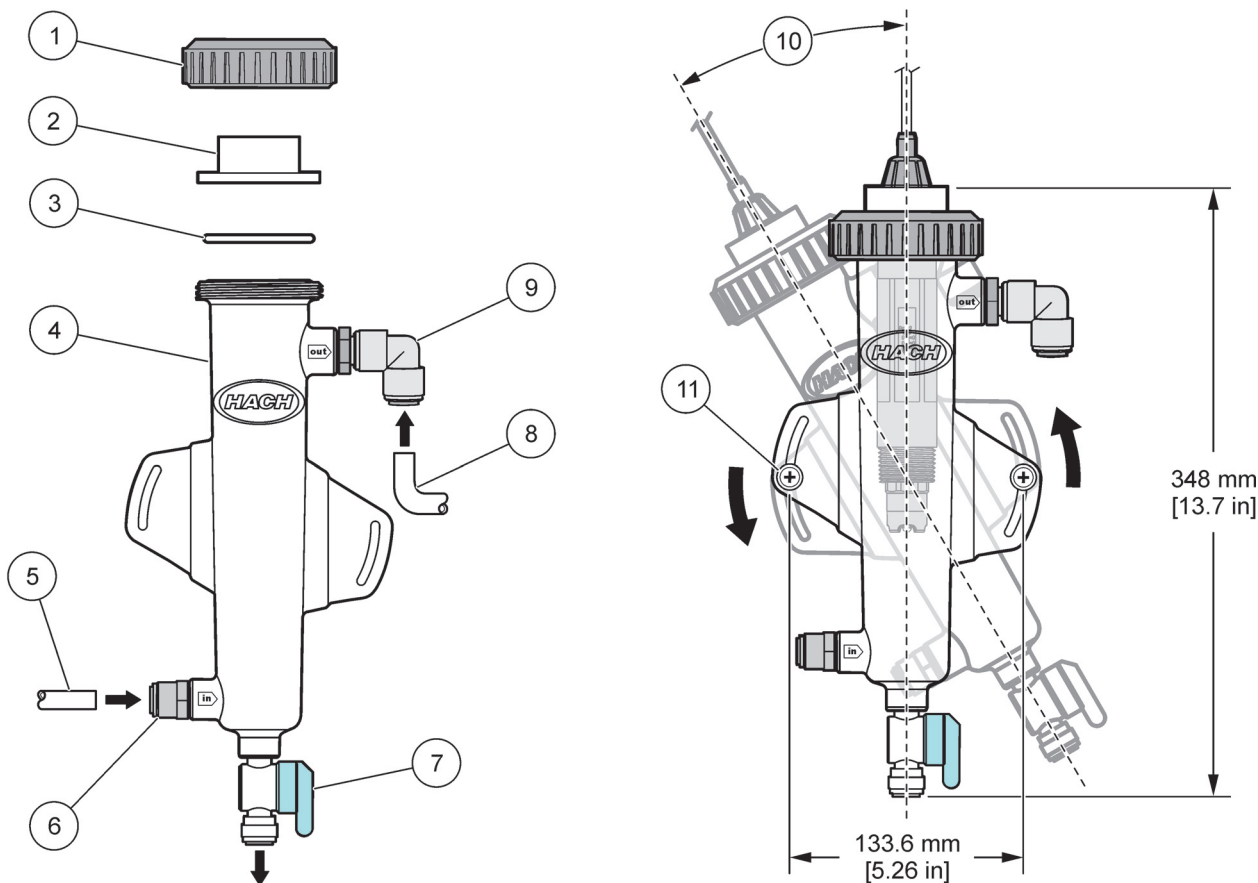
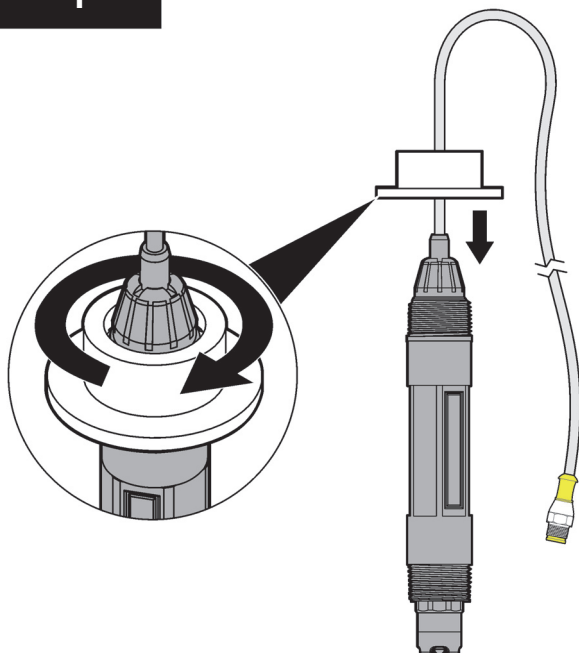


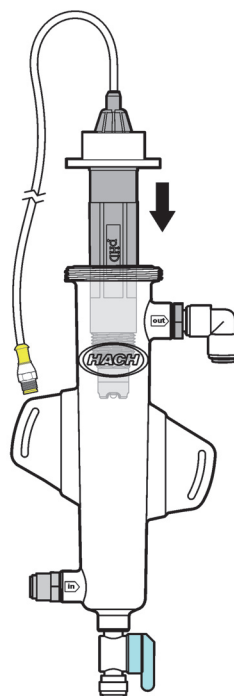
Figure 1 Flow Cell components and features

1 Lock ring (60F2032-001)	7 Speed-fit valve - ¾ in. OD (9005300)
2 Sealing hub - 1 in. (60F2021-001) Sealing hub - ¾ in. (9159800)	8 English: ½ in. OD tube, customer supplied Metric: 12 mm OD tube, customer supplied
3 O-ring (5H1233)	9 English: Speed-fit elbow fitting - ½ in. OD (9196900) Metric: Speed-fit elbow fitting - 12 mm OD (9197000)
4 Flow cell body (9159700)	10 If air bubbles become trapped below probe sensor, flow cell may be rotated up to 30° from vertical.
5 English: ¾ in. OD tube, customer-supplied Metric: 10 mm OD tube, customer-supplied	11 Screw (#10-32 or M5) (2x), customer supplied
6 English: Speed-fit fitting - ¾ in. OD (9159300) Metric: Speed-fit fitting - 10 mm OD (9196500)	

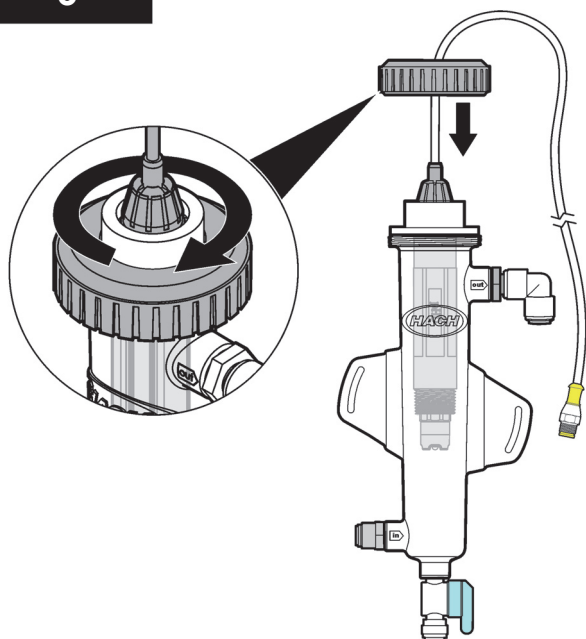
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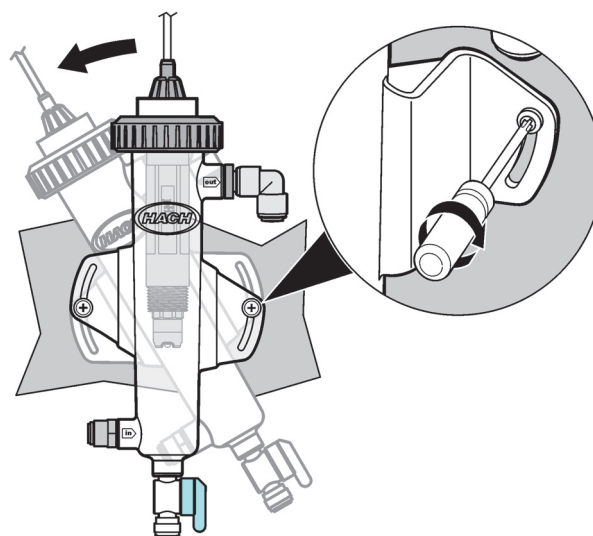
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