

## Installation and user manual

Integrate the sensor into your cooling system, direction of flow can be freely chosen. For optimum performance and minimum noise, the stainless steel cover (high flow 2) or circuit board (high flow LT) of the sensor should be facing upwards. For secure installation, screws can be affixed to the base of the sensor. Suitable screws are included in delivery. The sensor is accurate for flow rates between approximately 40 l/h and 1000 l/h.

For compatibility to all Aqua Computer devices, the supplied cable is equipped with both bigger standard connectors and smaller miniature connectors. Connect the appropriate 3-pin connector to the flow sensor connector of your device. If using a high flow 2, connect the appropriate 2-pin connector to a temperature sensor connector. (The high flow LT does not have an integrated temperature sensor.) Only one device may be connected per cable, the additional connector must remain unused!

Depending on device and software version, the flow sensor input of the device must either be configured as sensor type "Aqua Computer high flow 2 (53292)" / "Aqua Computer high flow LT (53291)" or be set to a calibration value according to the following table.

high flow 2	Tube inner diameter $\leq$ 7 mm	Tube inner diameter $>$ 7 mm
DP Ultra	151 impulses/liter	147 impulses/liter
Water	148 impulses/liter	144 impulses/liter

high flow LT	Tube inner diameter $\leq$ 7 mm	Tube inner diameter $>$ 7 mm
DP Ultra	177 impulses/liter	167 impulses/liter
Water	173 impulses/liter	164 impulses/liter

If these options are not available, sensor type "Aqua Computer high flow (53068)" may be set, but will result in imprecise flow measurement.

Devices with display and keys can be configured using the device menu, all other devices must be configured using the aquasuite software.

## Compatible products:

- aquaduct 240 Pro mark III, aquaduct 360 eco+
- aquaero 6 XT/PRO/LT, aquaero 5 XT/PRO/LT, aquaero 4/3.07
- aquastream ULTIMATE, aquastream XT
- cuplex kryos NEXT with VISION
- D5 NEXT
- farbwerk 360
- OCTO
- poweradjust 3, poweradjust 2, poweradjust
- QUADRO
- VISION Touch, VISION connection terminal for kryographics

## Technical details

Power supply:	5 V DC, max. 10 mA
Signal output:	Open drain, max. 5 V / 5 mA load
Ambient temperature range:	10 to 40 °C (noncondensing)
Coolant:	Double Protect Ultra or water
Coolant temperature/pressure:	10 to 50 °C, -0.6 to 1 bar

## Care instructions

Use a dry and soft cloth for cleaning. All electronic components and headers must not get in contact with coolant or water!

## Waste disposal

This device has to be disposed of as electronic waste. Please check your local regulations for disposal of electronic waste.



## Contact Aqua Computer

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