

Installation and user manual

The Aqua Computer D5 pump is a circulation pump for PC water cooling systems. The supply voltage may vary from 8 to 24 volts DC, the pump is equipped with a standard power plug for connection to the PC's PSU. The pump speed can be adjusted using a built in control knob. The integrated electronic control board guarantees a reliable start up even for low speed settings.

The pump is equipped with overheat protection that will first reduce the pump speed if the temperature rises to a critical level. If the temperature still rises further, the pump will be shut down completely. After cooling down, the pump will resume operation automatically.

For monitoring purposes, the pump generates a speed signal. However, a valid speed signal cannot guarantee an actual flow of coolant!

Allowed mounting orientations

During operation, the pump's rotor must be positioned to the top or to the side in relation to the control knob. The rotor must not face down during operation!

Compatible Coolants

This product must be used with Double Protect Ultra coolant or water. **In particular, this product must not be used with coolants containing solid micro particles!** Solid micro particles contained in various non-transparent/opaque coolants cause damage to the D5 pump bearing!

Initial operation

Fill the system with coolant and then start the pump by connecting the power plug to the PC's PSU. Deaerate the system by gentle swaying or powering the pump down and up again for several times until no rattling noises can be perceived any more. The pump must not run dry for longer periods of time!

Technical data

Supply voltage:	8 – 24 V DC
Current consumption:	0.25 – 1.9 A
Speed signal:	Open collector
Max. coolant temperature:	60 °C
Max. ambient temperature:	50 °C
Coolant:	Aqua Computer Double Protect Ultra or water

The pump must not run dry!

Waste disposal

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

