

Installation manual

Pump adapter for D5 pumps

Installation of a D5 pump motor

If you have a complete D5 pump instead of a D5 pump motor, you will have to disassemble the pump first. The only parts needed are the housing with electronic components and the impeller.

Install the pump motor as follows:

1. Place the gasket into the pump receptacle. When properly inserted, the gasket is properly aligned to the pump receptacle on the outer diameter.
2. Insert the D5 pump motor into the pump receptacle.
3. Slide the mounting ring onto the rear side of the pump motor (where the electrical connections are) and take care not to jam any cables. Secure the ring with the appropriate counter-sunk M4 x 12 mm screws. Gently tighten the screws by hand and do not use excessive force in order not to damage the threads!

Use without aqualis reservoir

Connect the return line to one of the central connectors of the pump adapter (engraved "in") and connect the other line to one of the lateral connectors (engraved "out"). Seal the unused connection threads with the supplied sealing screws. Use light force only when screwing in fittings and sealing screws in order not to damage the threads in the plastic base part!

Use with aqualis reservoir

Seal the lateral G $\frac{1}{4}$ connection thread of the pump adapter's reservoir-facing side with one of the supplied sealing screws, the central thread remains open. Use light force to slide the connection ports of the reservoir base plate into the corresponding receptacles of the pump adapter. Base part of the reservoir and pump adapter should now be flush with each other. Do not use excessive force and check for correct alignment if necessary! Use four countersunk screws M4 x 12 mm supplied with the reservoir to fasten the reservoir to the pump adapter. Use light force only in order not to damage the threads in the plastic base part!

Connect the return line to the central connector of the pump adapter, engraved "in" (alternatively to the central connector of the reservoir base when using the fountain effect). Connect the other line to the lateral connector, engraved "out". Use light force only when screwing in fittings in order not to damage the threads in the plastic base part!

Installation of the stainless steel bracket

Slide four screws M4 x 20 mm supplied with the pump adapter through the corresponding drill holes in the stainless steel bracket and then slide one of the plastic spacers onto each screw. Fasten the screws holding the stainless steel bracket to the pump adapter. Use light force only in order not to damage the threads in the plastic base part! Instead of screws and plastic spacers, decouplers can also be used (art. no. 41092, not included in delivery). Four additional screws M3 x 8 mm with nuts are supplied to mount the bracket to the PC.

Fill level sensor (art. no. 41095 only)

Please refer to the manual "mps". The sensor installed into the pump adapter is a "mps pressure $\Delta 40$ ". Install a pressure equalizing membrane into the top of the reservoir.