



Installation manual

Pump adapter for DDC pumps

Installation of a DDC pump

Remove the top section of the pump by removing four screws. The only parts needed are the housing with electronic components, the impeller and the gasket.

Install the pump motor as follows:

1. Place the gasket in the corresponding groove of the pump housing.
2. Insert the DDC pump motor into the pump receptacle of the pump adapter.
3. Secure the pump with the M4 x 16 mm screws to the pump adapter. 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 the lateral connector (engraved "out"). Seal the unused connection thread with the supplied sealing screw. Use light force only when screwing in fittings and sealing screw in order not to damage the threads in the plastic base part!

Use with aqualis reservoir

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. 41097 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.