

COVERFree Automatic Dosing Pump

Installation Guide



Introduction

Thank you for purchasing the COVERFree automatic dosing pump.

The dosing pump is supplied with

- Dosing pump
- Mains power lead (mains plug not included)
- 5 metres of 5mm (inside diameter) suction tubing
- Tube stiffener
- Inlet filter/strainer
- 5 meters of 4mm (inside diameter) discharge tubing
- Injection valve (3/8" thread) - also acts as one-way valve
- Compression fitting and nut for 4mm discharge tube
- Backup battery
- Case lid screws
- 2 x wall plugs and mounting screws



Installation

Installation of the dosing pump is straightforward.

1. Mark the holes for the back plate of the dosing pump on the wall in the desired position. If fitting to masonry, drill holes and insert the wall-plugs supplied. Fix the back plate of the pump to the wall
2. Fit the backup battery (supplied) as per the separate instruction sheet
3. Fix the front of the dosing pump using the two screws supplied
4. Connect the mains lead to a 3A fused spur or mains plug
5. Connect the 5mm suction hose to the barb on the inlet side of the dosing pump
6. Drill around a 8mm hole in the cap of the COVERFree bottle to allow the suction tube to pass through it
7. Cut the suction tubing to the required length
8. Fit the tube stiffener and strainer/filter to the bottom of the suction tubing
9. Place the cap back on to the COVERFree bottle
10. Place the end of the 4mm tubing into boiling water for a few minutes to soften it
11. Push the 4mm tubing to the compression fitting on the outlet side of the dosing pump and tighten the compression nut
12. Secure the compression fitting to the outlet of the dosing pump with a small cable tie (if not already fitted)



13. Cut the injection tubing to the required length
14. The injector can either be fitted into a pool pipe fitting, eg elbow or connector, or into a t-piece with an end cap



15. Drill a hole in a pool pipe fitting eg elbow or straight connector or the end-cap to suit a 3/8" BSP tap
16. Tap a 3/8" BSP thread into the pool pipe or end cap (3/8" BSP tap not supplied)



17. Wrap some PTFE tape around the injection fitting and screw it into the pool pipe
18. Soften the end of the tubing in boiling water for a few minutes and push it onto the injection nozzle, tighten the compression nut
19. Turn on the dosing pump and test dosing using the "prime pump" function – see manual
20. Programme the pump to give the correct doses for each day as required. Up to 32 doses per day can be programmed
21. The dosing pump outputs 42 ml/min or 2.5 litres per hour when operating

Spare Parts

We sell a replacement pump head containing a new peristaltic tube.

Please contact us for pricing on this replacement part

Questions?

If you have any questions, please contact HeatPumps4Pools on 01268-206560

Email: enquiries@heatpumps4pools.com

HeatPumps4Pools Ltd