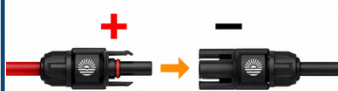


01**Mount Solar Panels**

Install panels in a sunny location with maximum sun exposure.

Face north where practical and tilt approximately 20–30°.

02**Connect Solar Panels**

Connect the panel MC4 leads together in series (+ to –).

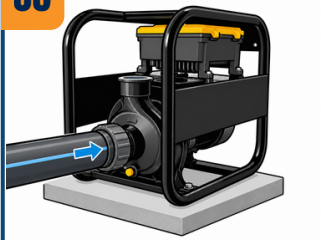
Leave the first and last connectors free for connection to the controller.

03**Connect to Controller**

Connect the supplied MC4 3m extension leads between the solar panels and controller (+ to + and – to –).

04**Position the Pump**

Install the pump on a firm, level surface as close to the water source as practical. Keep the pump protected from flooding and excessive weather exposure.

05**Install Suction Pipe**

Connect HDPE suction pipe to the pump inlet. Keep the suction line as short and direct as possible and avoid unnecessary bends.

We recommend 40mm HDPE.

06**Install Foot Valve**

Fit the supplied foot valve or non-return valve to the end of the suction line and ensure it remains fully submerged during operation but not resting on the surface of the water source.

07**Install Low-Level Probe**

Cable tie the low-level probe above the foot valve on the poly pipe. Run the probe cable alongside the poly pipe and secure it at regular intervals. Connect to controller terminals.

08**Connect Discharge Pipe**

Connect the discharge pipe to the pump outlet and route it to the tank, trough or irrigation system. Support the pipework so it does not place strain on the pump.

09**Earth the Controller**

Connect the controller earth lead to a suitable earth stake or approved earthing point. Ensure the controller is correctly earthed before startup.

10**Prime the Pump**

Remove the priming plug and completely fill the pump casing and suction line with clean water. Refit the priming plug securely. Never run the pump dry.

11**Open Valves & Start**

Open the discharge valve if installed, then turn the controller ON. Allow the pump time to establish suction and begin delivering water.

12**Final Check & Test**

Confirm steady water flow, inspect all fittings for leaks and ensure the pump maintains prime. Adjust the discharge valve if required.

**IMPORTANT**
PLEASE READ

- ✓ Never run the pump dry.
- ✓ Prime the pump completely before startup.
- ✓ Keep all suction-side connections airtight.
- ✓ Ensure the foot valve remains fully submerged.
- ✓ Keep the suction line as short and direct as practical.



RELIABLE WATER



SUSTAINABLE POWER



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