

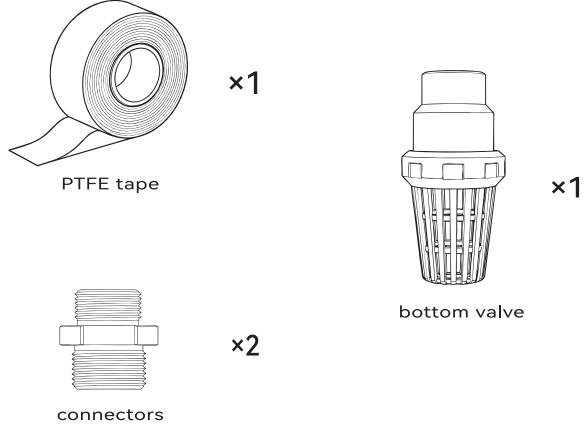
QUICK INSTALLATION GUIDE
SHALLOW WELL JET PUMP
Model: SGJ SERIES



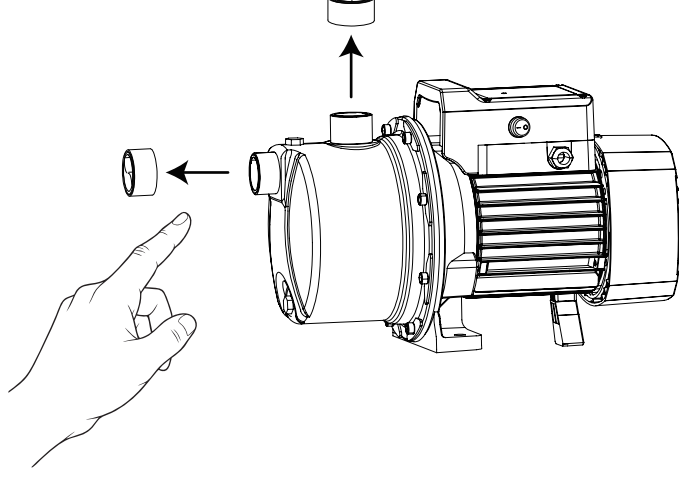
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● Please read the product instruction manual carefully before installation and use.
● The electric pump shall be installed with leakage protection device and reliable grounding before use, and ensure that the installation site is well drained without water accumulation.
● After the electric pump is connected to the power supply, it is strictly prohibited to disassemble the shell and touch the internal parts of the shell.
● It is strictly prohibited to use the pump for a long time in dry running and hot water over 75°C.

Installation Guide

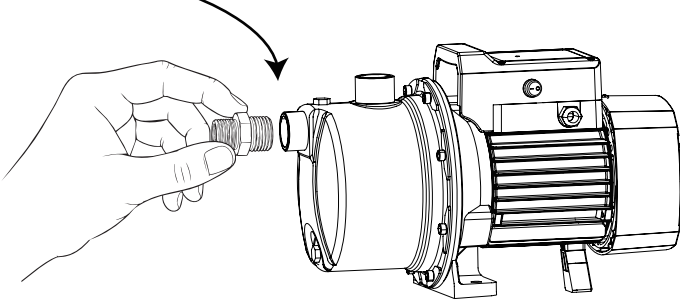


01 Before installation, please check that all accessories are included in the package, as shown in the diagram: two connectors, a roll of PTFE tape, and a bottom valve. You will also need to provide your own rigid inlet and outlet piping.

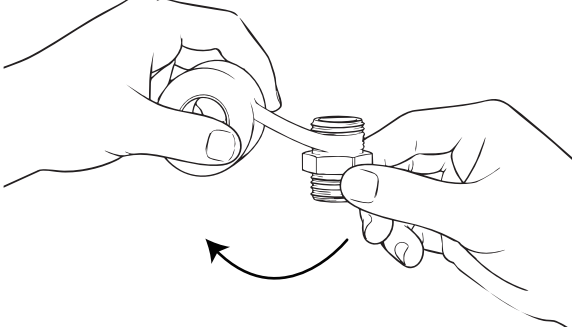


02 Remove the white dust-proof protective caps from the water inlet and outlet.

01

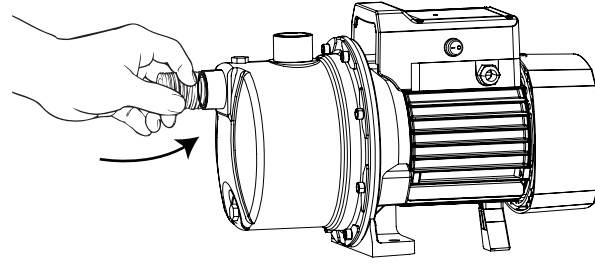


03 Screw the connector into the water inlet; select a connector that matches the pipe specifications.

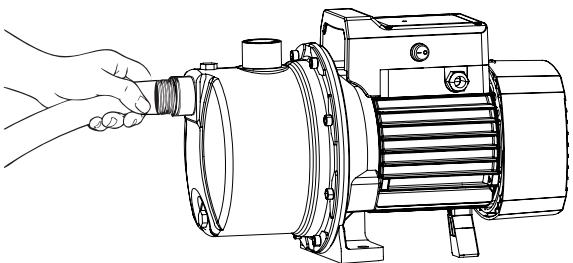


04 If the fitting is used to connect the water pump to the water pipe, wrap PTFE tape around the threads—wrapping it 20 times is recommended (paying attention to the direction of the wrap)—before screwing it into the water inlet and connecting the pipe.

02

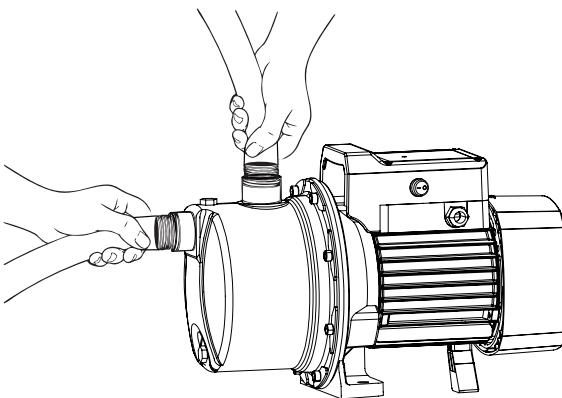


05 Screw the connector into the water inlet and the water pipe.



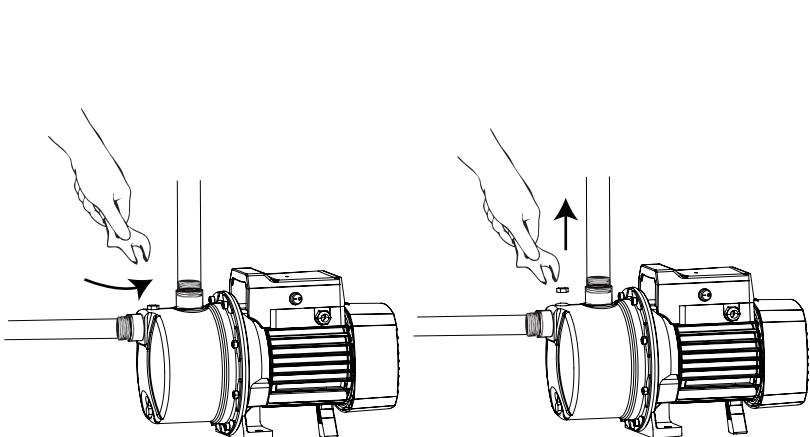
06 Installing the water inlet pipe: The use of flexible hoses for the water inlet pipe is prohibited.

03



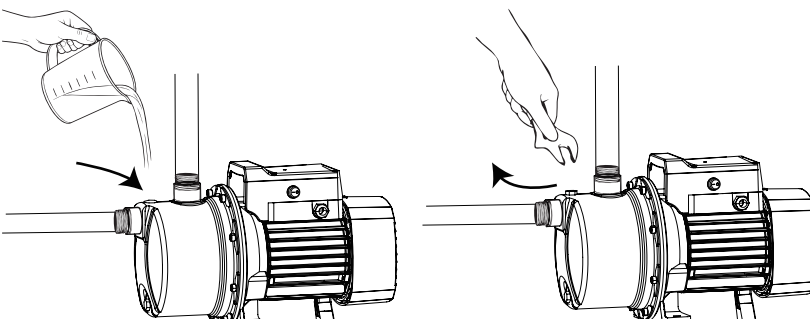
07 Connect the piping to the water outlet using the same method.

04



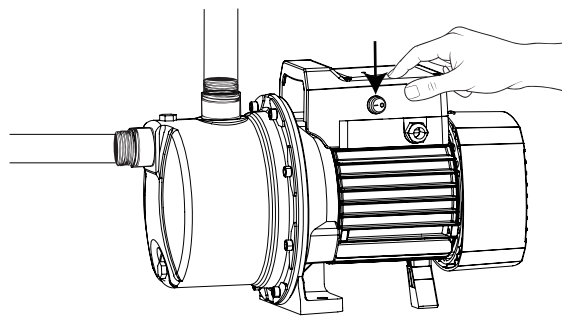
09 Install a foot valve at the bottom end of the suction pipe and place it into the water supply tank or source.

Note: For suction-mode installations, a foot valve is mandatory to prevent the pump chamber from draining due to siphoning when the pump is stopped; otherwise, the pump would require repriming before the next use. For installations involving backflow conditions, a valve must be installed at the inlet to prevent water hammer damage to the pump. When shutting down, the inlet valve must be closed before the outlet valve. Do not use flexible hoses for the suction line, and ensure the pipe's inner diameter is not smaller than that of the pump inlet.



08 Unscrew the priming plug located next to the outlet, fill the pump body with clean water, and then tighten the plug. (The pump body must be filled with water before initial use.)

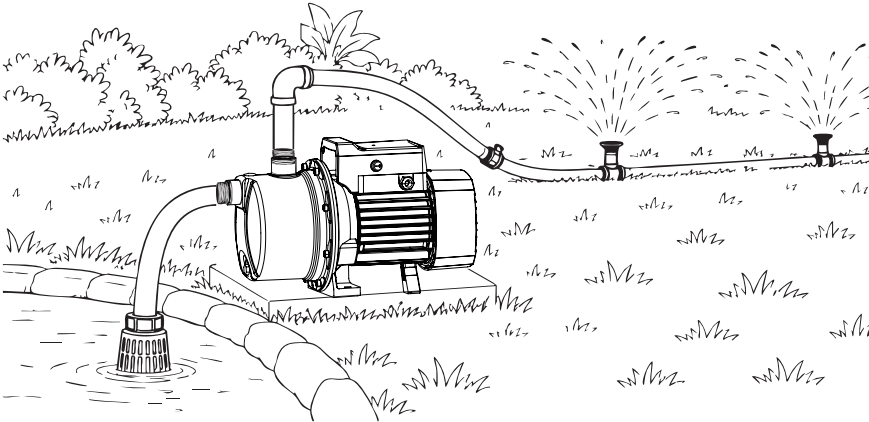
05



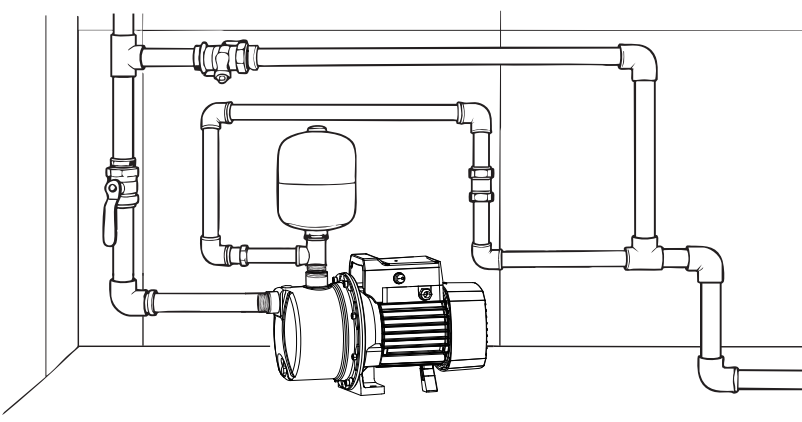
10 Connect the power supply and turn on the switch to use it normally.

06

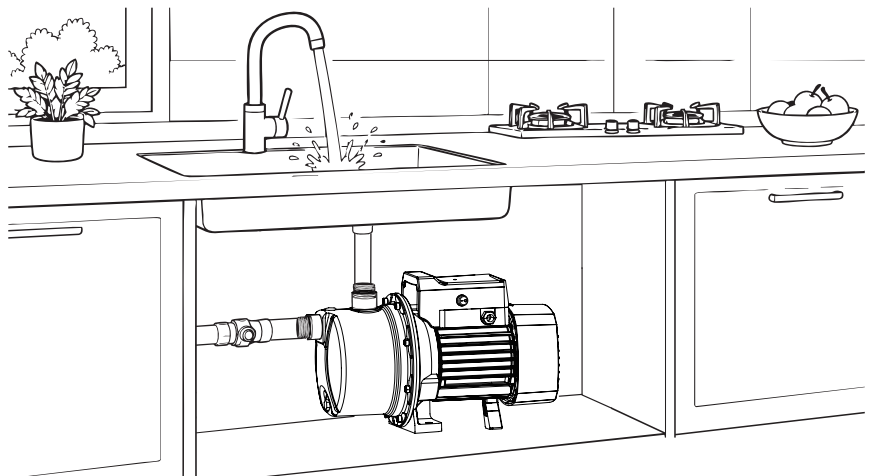
Application Scenario Diagrams



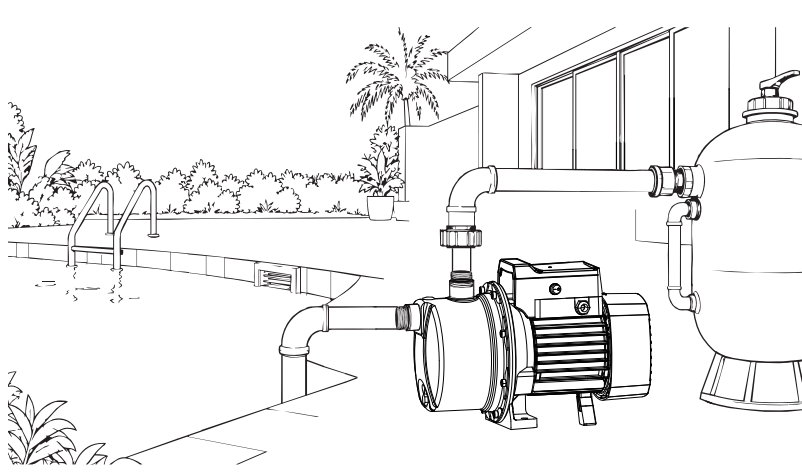
01 Application: Agricultural irrigation



03 Application: Pipeline boosting



02 Application: Domestic water supply



04 Application: Pool water replenishment