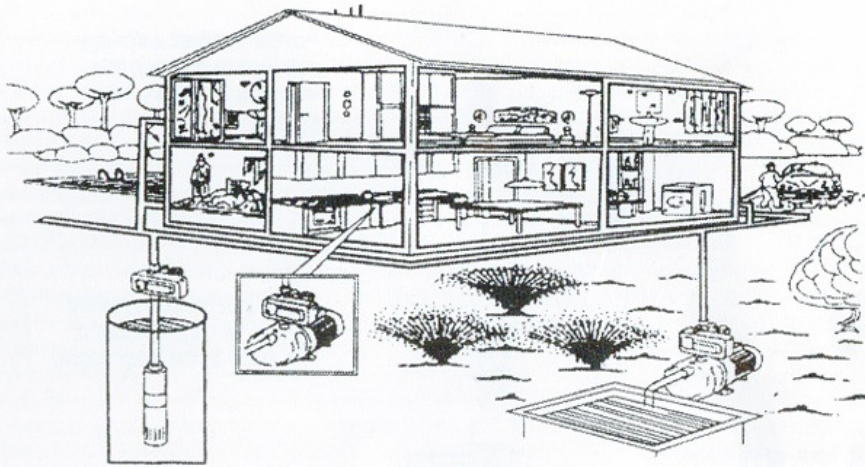
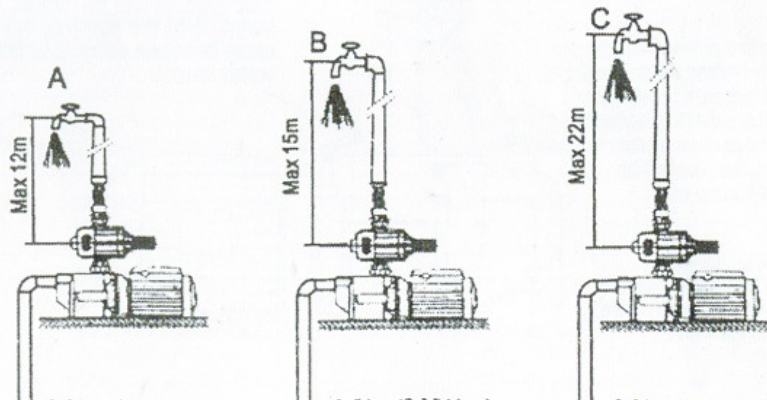


Watercontrol

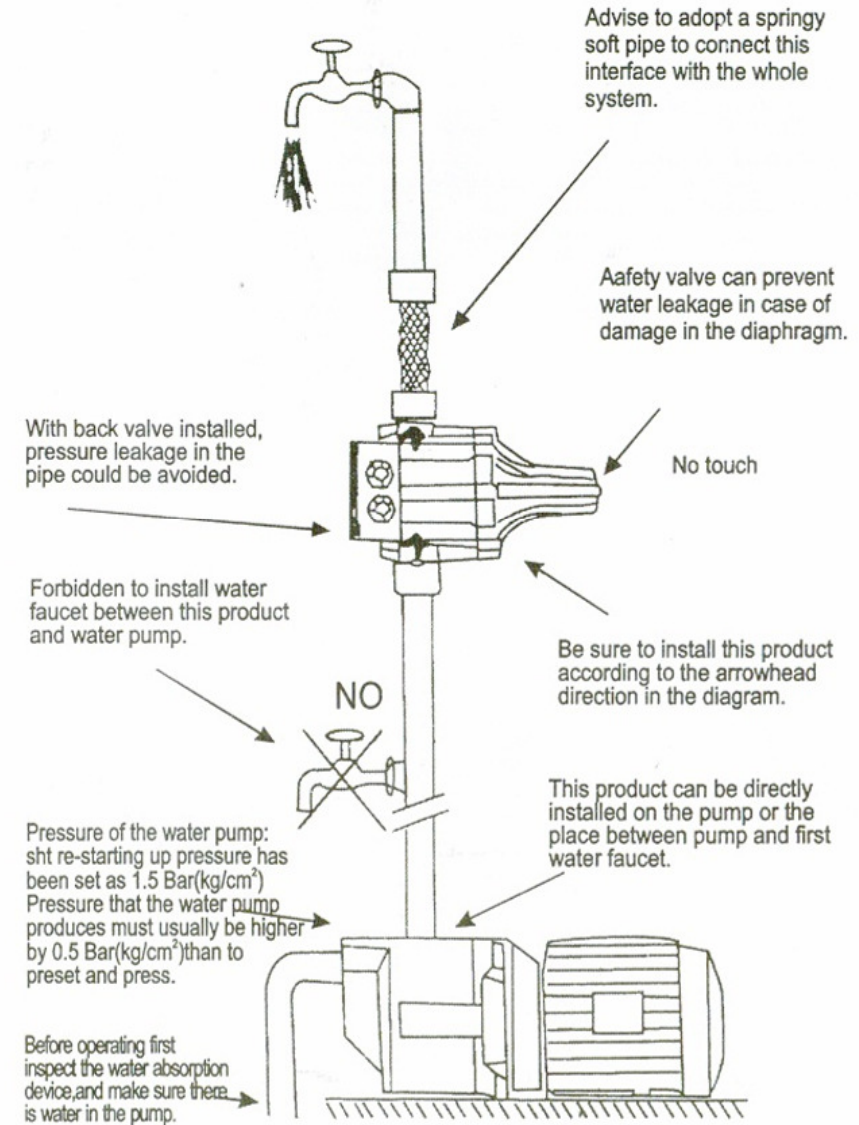


Spertification

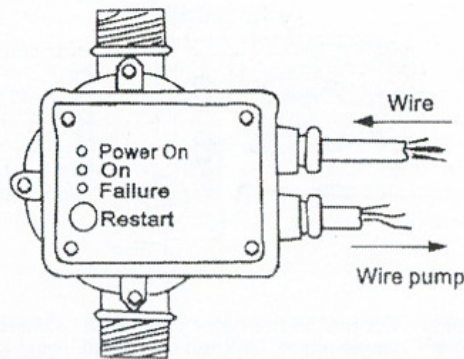
Input voltage: 220V-250V Maximum working ability: 100bar
 Frequency: 50-60Hz Highest temperature: 90°C
 Maximum strength: 10A 2.2kW Interface: 1" External screw thread
 Protecting rate: 1P65



Proper installation guidance for the water pump automatic controller



Start up and operate



There are diagrams at the back of the outer shell and inside the circuit board, which help correctly connect the machine. All the cables used should have minimum diameter 6mm, maximum diameter 9mm. To make sure water tightness, four nuts on the cases should be screwed tightly.

Start up:

When this product is connected into the circuit, green indicating button "power On" will be on, and yellow button "On" indicating the water pump has under work is also on.

After water pump works continuously for several minutes, system is started up producing air pressure to fill in the pipeline and reach to the demanded pressure. If the time is not enough, Red light "Failure" will be on. Under this situation, please open water faucet and press button "Restart" until the red light is off. Once open the button and close the water faucet, the water pump can be stopped at the highest pressure due to this product.

Function:

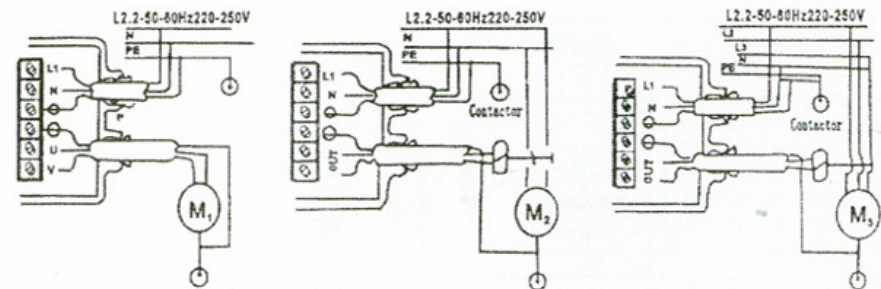
This product is specially designed for all control operations of automatic preformed water pump. Once peculiar malfunction happens, such as insufficient water provision, blockage in the suction force pipe, this product will help confirm the malfunction and red light "failure" will be on. At the same time, the stopping signal will be sent to the water pump, so as to avoid damage to water pump because of lacking water.

After correct the malfunction, press button "Restart", the system will restart up.

Features of this products:

1. Whole electronic automatic control, reaching to international advanced level.
2. Automatically cut off power supply under abnormal conditions such as no water or high-pressure, so as to effectively protect the water pump.
3. Be installed on water pump or pipeline at your will, overcome the shortcoming existing in the present water pump switch, which could only be used on the water pump.
4. No requirement for water conservation container or water tower, occupy no space and save energy.
5. Antiseptic, antirust, safe and environmental protection, long service life.

Wiring diagram used for connecting different pump engines



Connect to the water pump with single-phase 220V, maximum power 2.2kW.

Connect to the water pump with single-phase 220V and maximum power above 2.2kW by remote control switch.

Connect to the three-phase 380V motor driven pump by remote control switch.

Specification of the remote control switch: 220V, minimum capacity 4kW or 5.5 horsepower.

Probable operational malfunction

Malfunction types	Causes related with this product	Causes not related with this products
-Water pump can not be started up	-The circuit board itself is damaged	-Insufficient voltage provision -Malfunction in the water pump -Input and output wires are exchanged with each other.
-Water pump can not be closed	-The circuit board itself is damaged -Blockage happens in the equipment around the high voltage line -Blockage happens after restarting up the button. -The highest pressure provided by the water pump is lower than the set pressure maximum value of circuit board.	Leakage happens, with its leaking speed above minimum flux 0.6 liter/min of the controller.
-Water pump works intermittently	-The circuit board itself is damaged -The maximum value of the water pump is working pressure is too low.	Leakage happens, with its leaking speed above minimum flux 0.6 liter/min of the controller.
-Malfunction in the water pump	-The circuit board itself is damaged -The pressure provided by water pump is lower than the set pressure of the circuit board.	-Insufficient water provision -Malfunction in the suction force device.