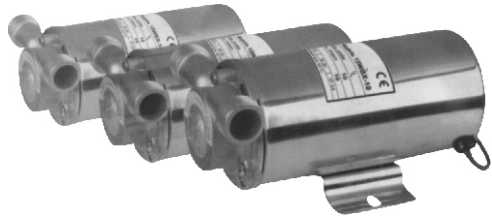


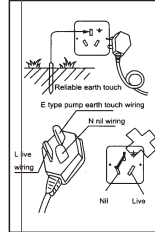
DOMESTIC PIPELINE PUMP

INSTRUCTION FOR USE



Dear our customer:

Thank you for your purchase this series water pump and hereby we celebrate your water using problem can be completely solved. When first use this kind pump, please read this instruction carefully and well keep it. As the instruction guide, you will use them correctly and elaborate all the best features and efficiency, no fault, to increase the using span. Our company's products will be continuous develop and create, if your purchase pump is not same as the instruction's structure, performance and specification, please following the Pump Nameplate.



SPECIAL WARNING

Before using, the pump must be reliable earth touch. Don't change the three-core wiring plug to avoid the power leakage. To make sure everything safe, please you must install some security measures, such as: the power leakage-breaker or electric shock blocker and so on. Earth wiring and nil wiring must be separated. If no reliable earth wiring, the accident will be no business with us. This type water pump's plug feet, if "L" is Live Wiring, "N" is Nil Wiring, the longest one is "E" earth touch wiring. Customer must pay attention to the connection to the plug, when you install the Three-core socket. Here we absolutely forbid you unite the Nil wiring and Earth Wiring together, which can make power leakage dangerous.

2. Don't use blanket cover the motor or the pumps. Keep ventilation to avoid fire dangerous.
3. If you install our pump outdoor, please you should do some protection measures. Or it will decrease the using life span because of the sun-baked and raining. Worst it can make electric shock accident. If you install our pump indoor, please avoid water spill to make electric shock; don't install inside the bathroom to avoid the cream and water going inside.

Precautions:

1. Because cool water type pressure pump is not equipped with wind-cooling or water-cooling system, in case of long-time work, motor may give out faint heat, feel at ease to use it. While the sum of liquid temperature and ambient temperature should not exceed 70°C, for hot water type pressure pump, the sum should not be over 100°C.
2. During installation, pay attention to that the direction of arrow on the automatic switch must coincide with that of the pump. Normally, automatic switch is installed at the water outlet of pump. At the water inlet of pump, the mating filter screen provided by the company should be installed to prevent foreign substance in the pipe from affecting the normal running of impeller or the failure of automatic switch. When water flow is obvious less than that of installation or automatic switch starts intermittently, there may be too much foreign substance on the filter screen; you can dismount the filter screen and clean it.

3. Pump should be installed in the pipe with water flow, or else it cannot be operated automatically. During work, switch the pump to the automatic option; switch on the faucet, is automatic start-up, switch off the faucet is automatic shut down. When water flow is too small to start up automatic controller, you can switch the switch to the manual operation option to start up; after start up, you should switch it back to automatic control option. Note: in some circumstances, normal water pressure is so low and pump cannot be started up; you can turn the adjustment knob on the automatic switch clockwise (towards lower pressure) a little. Be sure not to adjust excessively, or else the automatic switch will start up frequently.
4. The pump is not applicable for working in turbid water, and the content of sediment and impurity should not be over 0.1%. Or else, the impeller may be blocked that the automatic switch may fail.
5. There should be no leakage at exhaust pipe, sanitary ware of faucet, or else the pump may work for long time or intermittently.
6. For 15GZ self-suction pressure pump, during installation, there must be mating check valve at the water inlet of the pump. When it is used for self-suction function, prior to first application, the water tank of the pump must be fully filled with water, or else, self-suction function can not work. Later, you do not need to fill the tank with water any more, the connectors of influent pipe must be sealed during pipeline installation, or else self-suction functioning may be influenced.

7. Due to the small water tank of 15GZ pump, the faucet at water outlet should be over 50cm above the pump body, and it must have water have water between the tank and the faucet, or else water suction effect may be affected. When it is used for self-suction, the faucet at water outlet must be opened in advance to release air; after several minutes, water can be sucked automatically. The speed of suction is up to the vertical height of the water deficiency in the pipe, and there should not be too many bends in influent pipeline.
8. Pump must be grounded reliably prior to application. To ensure safety, measures such as installing electric shock protectors and residual current circuit breakers must be taken. Both indoor and outdoor installation must be waterproof to prevent electric shock accident. Please do not touch with hand during operation.
9. The pump should work within the nominal voltage scope of +5% to 10%.
10. The pump is not allowed to work without water for over 5 seconds, or else dry friction may destroy water seal and cause water leakage further.

Features:

1. The automatic switch adopts electronics theory, controlled by water current. It boosts pressure automatically when the tap is on, and turn off when the tap is off. It is used conveniently, and also saves power.
2. Its copper pump body, copper impeller and stainless steel shaft are corrosion-resistant, stainless. The whole pump is sealed well and the conveyed water won't be unhealthy. Its total suction lift is high. Flow rate is large.
3. It starts well, switches sensitively and automatically, and produces low noise. It also is designed to be low temperature, small volume, delicate appearance and long-time using. 15GZ boasts self-suction function.

4. CLG12-8 pump body is designed to be gathered with automatic switch so the fixing is more convenient. The automatic switch adopts the electric circuitry to control, less trouble. The impeller adopts the centrifugal construction, mute design and some materials of the parts are copper.

5. The water-supply is much more sanitary because of the no-rust. The pump inside has the fan-cooling device to much more effectively to cool the temperature of the motor and long-time using.

Main Use:

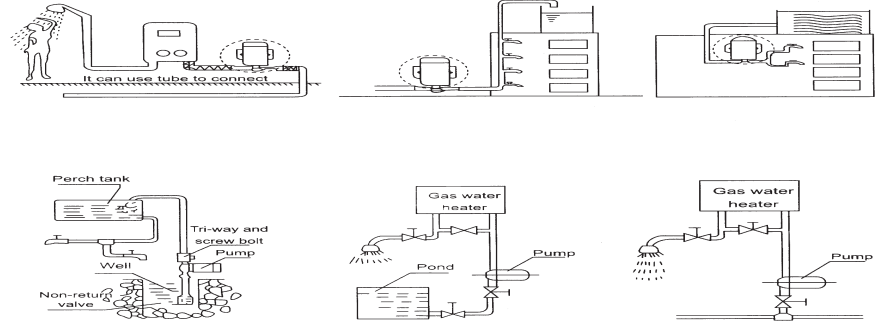
1. This pump solves the problem of inadequate water causing no fire because when the tap water is of low pressure, the pump can boost pressure. It can also boost pressure for solar water heaters, boost pressure and circulate water for industrial equipment, and increase oxygen for rearing ponds or fish tanks.
2. GR hot water pump boost pressure and circulate hot water for boilers besides above using. GR hot-water type also can be used for circulation and pressurization of hot water. 15GZ best feature is that it can suck tap water from one or two floors below directly, so it completely solves the problem that the higher floors don't have water while the lower floor has.

CL15GZ-15 (A,B)
CL15GZ-15

CL15GZ-15
CL15GZ-15

CL15GZ-15
CL15GZ-15

Using place and installation sketch map of automatic boosting pump.



15GZ Automatic boosting pump's installation sketch map

