

You will find your Commercial Grade #1 Electromagnetic Air Pump

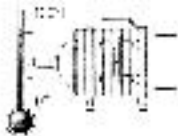
FEATURES:

1. Convenient to operate without oil, noise and air pollution.
2. Cylinders and pistons are of excellent materials, making the pump strong and durable and producing little wear after long periods of operation.
3. Will meet many requirements of pumps with air dividers from four to twenty-two outlets.
4. Widely used to provide oxygen in aquariums, fish farms and hydroponic systems.

- Use only standard household voltage of 110 volts. Otherwise the pump will be damaged and not useable.



- Maximum working environmental temperature should be within 100°F, with ventilation in the work space to prevent the temperature of the pump from rising too high.



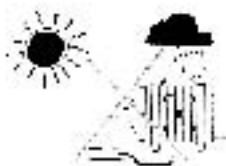
- Before using the pump, make sure the ground line is attached and functional. Do not touch the power with wet hands!



- The Pump must be installed flatly 16 inches above the water level and kept immovable in order to prevent liquid from flowing back and the pump from breaking.



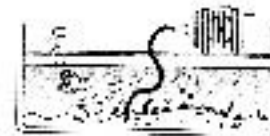
- If the pump is installed outside the room, keep the pump from rain and sunshine. The inside and outside of the pump must be dry at all times.



- This pump will not withstand oil, water, being dropped or a sharp blow.



- For higher air solubility, please install the air stone or air bar and adjust the effective depth of every air stone or air bar below the water level to spread the air equally.



- The general bend of the tube should not be a sharp or less than 90° off the position of the pump outlet. Try to place the tube with a smooth, curved angle.

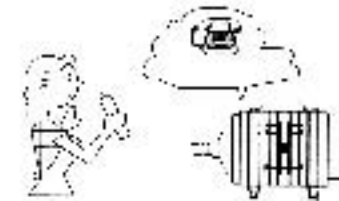


- If the capability is reducing, please check:

- 1) Whether voltage is beyond the required range.
- 2) Whether the air filter, tube, or hose part is broken, leaking or stopped up.
- 3) Whether the pump valve, diaphragm is broken or stopped up.
- 4) If located in a place with heat or circulation, it will lead to a higher temperature, lower volume. You must improve the diffusion of heat.



- Repairs are needed if unusual noises or abnormal symptoms occur.



- If the pump stops working, please check 1) Whether the cable line is broken, cut-off is caused by crossed copper, the coil line is loose or cut off from the power; 2) Whether the motor is blocked because of cross on by air or liquid; or 3) Whether the electric motor winding is still working normally.

