

**EP4700 • EP6700**



# **4700 & 6700 Mag Drive Pumps**

## **Instructions for Operation • Safety • Warranty**



This pump combines simplicity of design with the most energy efficient operation of any pump we have ever seen. It contains no oil, rotating shafts, shaft seals or bearings. Your pump uses a relatively new technology that has only one moving part — the impellar assembly. The impellar assembly consists of impellar blades attached to a ceramic magnet and is easily replaced should the need arise. The motor of this pump consists of an electro magnet in a permanently sealed epoxy resin housing. The electro magnet turns the impellar located outside the motor housing. This magnetic technology allows this pump to run for over a week on

the power consumed by standard pumps in one day. There are threaded discharge ports on all models for easy fitting connection. All models are UL and cUL listed for safety.



### **Operation:**

1. Pump and filter must be fully submerged under water to prevent pump from sucking air. Both EP4700 and EP6700 pumps can also be used as an external pump. Remove the filter housing and filter from pump and connect suction hose to intake side of pump to use as an external pump.
2. The pump should be cleaned regularly, loss of output will result if filter becomes too dirty.
3. If the pump is powering an under gravel filter, make sure the gravel is clean to produce a good flow.
4. Clean the impellar when the pump flow is visibly reduced. The impellar is located inside the pump housing. It can be accessed by holding the pump body, rotating the impellar cover and pulling the pump cover away from the main body.
5. When disassembling the impellar do not loose the small plastic washers positioned at the top and bottom of the impellar. These washers are critical to the quiet and efficient operation of the pump.
6. Clean the impellar in fresh water and clean the housing by using cotton swabs (or something similar) to remove all of the accumulated debris from the pump.
7. The power cord should be extended to below the power outlet, this prevents water from dripping down the cord and into the outlet.
8. You must use a ground fault circuit breaker with this pump.

## **Safety:**

- Make sure the power supply is 110v AC , is correctly fused and grounded.
- Never let the pump run without water in the pump chamber — this will damage the impellar, over heat the pump and possibly burn out the electric coil.
- If you need to drain your water feature or change the water, disconnect the pump before draining the water.
- Never let the water level in your water feature fall below the top of the pump body.
- Do not use this product in bathrooms or swimming pools.
- Do not use this product if the power cord becomes damaged. The power cord cannot be replaced.
- Do not use this product if the body becomes damaged, swollen or cracked.
- If the pump is noisy, replace the impellar as this component is a wearable part.
- If your pump is not pumping water out, turn off the power and investigate the reason for the problem. The possible causes are a dirty filter, broken impellar or dirty impellar housing.

## **Warranty:**

- This product is warranted against any mechanical or material defects for a period of two years from the date of purchase (impellars are a wear item and are not covered by warranty).
- This warranty does not cover accidental damage to the product due to abuse or negligence by the consumer.
- In the event of a warranty claim, please return the pump postage prepaid **with the original receipt** for repair or exchange. No warranty claims will be honored without the original receipt.
- The manufacturer or supplier shall not be held liable for any damages caused by defective components or materials of this pump; or for loss incurred because of the interruption of service; or any consequential/incidental damages and expenses arising from the production, sale, use or misuse of this product.
- The manufacturer or supplier shall not be held liable for any loss of fish, plants or any other livestock as a result of any failure or defect of this product.
- If you experience a failure of your pump, please check the following before returning to us:
  1. Remove filter housing, clean and inspect impellar and surrounding chamber, reassemble and test pump;
  2. Verify electrical supply.

*Each year we receive numerous pumps back that simply have a small stone lodged in the impellar, are plugged from lack of cleaning or do not work due to low voltage caused by an overloaded circuit. These are not warranty items. Please take the time to verify your problem is actually a defective pump before returning. EasyPro will pay postage to return pump to you provided it is a warranty issue. If you send a pump in for warranty and it checks out fine — you will also be responsible for the cost of return postage.*

**Return  
warranty  
pumps to:**

**EasyPro  
Pond Products  
4385 East 110th  
Grant, MI 49327**

Be sure to include  
return address and  
phone number in  
package!



[www.EasyProPondProducts.com](http://www.EasyProPondProducts.com)