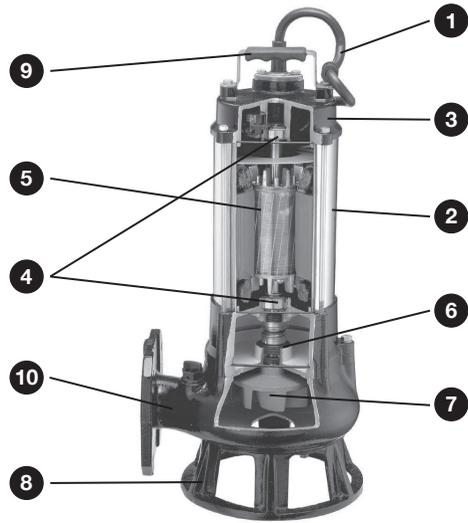


## Replacement Parts



No.	Description	Material
1	Cord	B Series Pumps
2	Motor Casing	Stainless Steel 304
3	Motor Cover	Die Casting FC-200
4	Bearing	NBR
5	Motor Shaft	Stainless Steel 403
6	Mechanical Seal	Silicone Carbide & Ceramic
7	Impeller	Die Casting FC-200
8	Pump Base	Die Casting FC-200
9	Handle	Stainless & NBR
10	Discharge	PE & Die Casting FC-200

### Limited Warranty:

- Pump is warranted against any mechanical or material defects for a period of two years from date of purchase
- This warranty does not cover accidental damage to the product due to abuse or negligence by the consumer.
- An RMA number must be obtained by calling EasyPro Pond Products at 800-448-3873 and be included on package before returning for warranty.

Return warranty items to:

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

*Be sure to include RMA number, original receipt, name, return address and phone number in package.*

- 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.
- This pump must stay submerged entirely when operating. If used in skimmer, the debris net must be kept clean to ensure adequate water flow to the pump. Running pump low on water will cause overheating and premature failure which is not covered under warranty.
- If you experience a failure of your pump, please check the following before returning to us:
  1. Remove filter housing, clean and inspect impeller and surrounding chamber, reassemble and test pump;
  2. Verify electrical supply.

Return warranty pumps to:

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

Be sure to include RMA number, original receipt, return address and phone number in package!



800-448-3873 • Grant, Michigan  
www.easypodproducts.com • info@easypodproducts.com

5454 • 5/16

**TB8000 • TB8002 • TB12000 • TB14500**



## High Head TB Series Waterfall Pumps

Instructions for Operation • Safety • Warranty

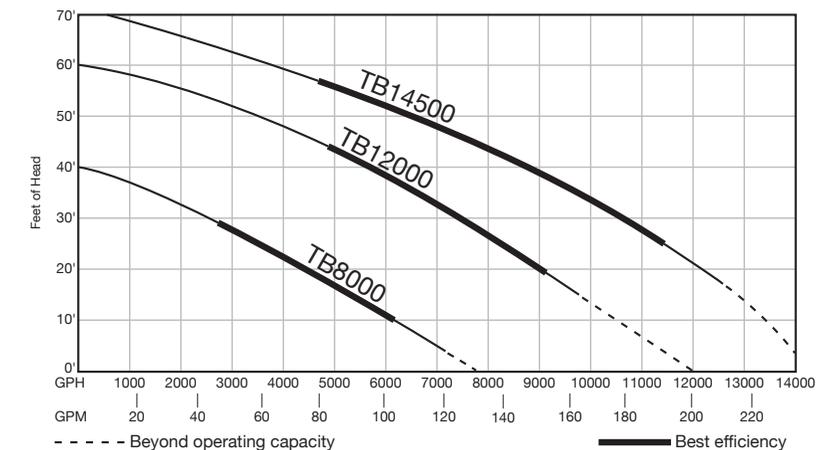
*Designed for use with higher head pressure*

Thank you for purchasing the TB series waterfall pump. This instruction manual explains the product operations and gives important precautions regarding its safe use. In order to use the product to maximum benefit, be sure to read the instructions thoroughly and follow them carefully.



### Specifications

- 3" outlets
- Automatic thermal overload protection
- Double silicone carbide mechanical seals with 100,000 hour life expectancy
- TB8000 available as 230v or 115v, TB12000 and TB14500 available as 230v only
- Two year limited warranty
- A minimum of 20' head pressure required for TB12000 and TB14500



Model	HP	Volts/ Max Amps	Weight	Max Head	Max Flow
TB8000	1	115/10.9	43 lbs.	40'	8000 GPH
TB8002	1	230/5.5	43 lbs.	40'	8000 GPH
TB12000	2	230/9.7	64 lbs.	60'	12000 GPH
TB14500	3	230/14.5	72 lbs.	72'	14500 GPH

Units have 30' power cords

## Safety & Electrical Connections



**WARNING:** Verify that the voltage and frequency of the electric pump shown on nameplate correspond to those available on mains.

- The installer must make sure that the electric system is grounded in accordance with local ordinances.
- The plug and connections should be protected from water/rain. Before using the pump, always inspect it visually (especially power cable and plug).
- Do not use the pump if it is damaged. If the pump is damaged, have it inspected by a qualified service center only.
- Make sure electric connections are protected from all water and moisture. Protect plug and the power cable from heat, oil or sharp edges.



**WARNING:** The power cable must be replaced by qualified personnel only.

**Grounding:** The plug of the power cable has a double grounding contact, so that grounding can be performed by simply inserting the plug.

**Overload Protection:** EasyPro pumps have a built in thermal protection switch. The pump stops if an overload condition occurs. The motor re-starts automatically after it has cooled down.

## Prior to Operation

Check the following points upon receipt of your pump:

- Is the pump exactly what you ordered? Check nameplate.
- Has any damage occurred during shipment?
- Are any bolts or nuts loose?
- Have all necessary accessories been supplied?
- We recommend that you keep a spare pump on hand in case of emergencies. Keep this instruction manual in a place for future reference.

## Installation

### Limitations:

This series of pumps are suitable to pump water and also can be used both for permanent and temporary installation. The pump can be placed in a sump pit, then can pump dirty water containing suspended solid particles up to 1/2" diameter.



**WARNING:** The pump cannot be used for sea water, chlorinated water and flammable, corrosive, explosive or dangerous liquids.

### Installation:

**WARNING:** Do not work on pump until power is unplugged.

Do not cut off ground pin or use an adapter fitting.

Do not use an extension cord

Must be used on a GFCI protected outlet

Do install the strainer prior to using if you want to let the pump run as a sump pump.

The pump power cord should be connected to a separately fused, grounded line with a minimum capacity of 15 amps. It can be connected to non- fuse breaker at the recommended amps. Never touch the pump when it is plugged in.

1. Before installing or servicing this pump, be certain pump power source is disconnected. Contact a qualified licensed electrician for disconnecting electrical service prior to pump removal.
2. Installation and electrical wiring must adhere to state/local codes and must be completed before priming pump. Check appropriate community agencies, or contact local electrical and pump professionals.
3. **Call an electrician when in doubt.** Pump should be connected to a separate 15 amp circuit breaker or 15 amp fuse block. Note that, plugging into existing outlets may cause low voltage at motor, causing blown fuses, tripping of motor overload or burned out motor.
4. A permanent ground connection from pump to the grounding bar at the service panel is mandatory. For maximum safety, connect pump to a circuit equipped with a Ground Fault Circuit Interrupter device when you position the pump's grounding wire.
5. Voltage of power supply must match the voltage of the pump.



**WARNING:** Must be vented in accordance with local plumbing codes. EasyPro pumps are not designed for and CANNOT be installed in locations classified as hazardous.



**WARNING:** The following may cause severe damage to pump and will void warranty:

- Using an extension cord
- Cutting off the ground pin or using an adapter fitting
- Working on pump or switch while plugged in
- Removing motor housing, unscrewing impeller or otherwise removing impeller seal
- Pumping chemicals or corrosive liquids including chlorinated or salt water
- Pumping gasoline or other flammable liquids
- Piping: Plastic PVC pipe, drain hose, galvanized steel or copper pipe may all be used. All piping must be clean and free of all foreign matter to prevent clogging. Be sure to seal the thread connection with tape seal when you are using the pipe fitting to connect the flange.

## TB High Head Pump Trouble Shooting

Humming	<ul style="list-style-type: none"> <li>• Line circuit breaker is off, fuse is burned or loose</li> <li>• Pump cord is not making contact in receptacle</li> <li>• Float (optional) is stuck, it should operate freely</li> <li>• May have air lock</li> </ul>
Running, no water	<ul style="list-style-type: none"> <li>• Check valve (optional) is installed backwards</li> <li>• Discharge shut-off valve closed</li> <li>• Inlet or impeller clogged</li> <li>• Pump is air-locked, start and stop several times by plugging and unplugging cord, check for clogged vent hole, may need to disconnect and reinstall pump.</li> <li>• Inlet holes in pump base are clogged, remove pump and clean the openings.</li> <li>• Vertical pumping distance is too high or the pipe size is too small, reduce vertical distance or increase the pipe size fittings.</li> </ul>
Running, very little water	<ul style="list-style-type: none"> <li>• Pump is air-locked, start and stop several times by plugging and unplugging cord, check for clogged vent hole</li> <li>• Vertical pumping distance is too high or the pipe size is too small</li> <li>• Inlet or impeller clogged/damaged</li> <li>• Low water conditions with pump sucking air</li> </ul>
GFCI breaker tripping	<ul style="list-style-type: none"> <li>• Fuse size or circuit breaker may be too small.</li> <li>• Motor stator may be defective</li> <li>• Pump impeller or inlet is partially clogged with debris</li> </ul>
Motor briefly starts and stops	<ul style="list-style-type: none"> <li>• Low water conditions, pump overheating</li> <li>• Inlet or impeller clogged</li> <li>• Improper power supply</li> <li>• Motor stator may be defective</li> </ul>