

Options:

Longer length cord units — TH Series™ Pumps are available with 50' or 100' cord lengths.

Optional screen — Part #THPS is a screen that mounts to the bottom of a TH pump with two screws. The THPS helps keep debris from entering the unit.

Parts — Repair parts are available for the TH Series of Pumps. It is recommended to have the pump service by a motor repair shop that services submersible pumps.



From small table top water features to large stream and waterfall systems, EasyPro pumps cover a wide range of applications. Pumps are virtually the most important part of any water feature. EasyPro submersible pumps are all designed for continuous duty operation to keep water flowing at all times.



HTH Series™ Horizontal pump
OUR RUGGED TH Series™ pumps, now in a horizontal model. Reliability, power and a solids handling design that fits smaller skimmers and pump vaults.



Mag Drives for Fountains and Water Features



Asynchronous Mag Drives for Ponds and Waterfalls



TM Series™ for Low Head Applications



TB Series™ for High Head Applications

Visit easypro.com to see our extensive line of pumps.

EasyPro Pond Products Limited Warranty

EasyPro Pond Products ("EasyPro") warrants to the purchaser that this product ("Product") will be free from any mechanical or material defects for a period of **two years** from the date of purchase. This warranty does not cover accidental damage to the product due to abuse or negligence by the consumer. This warranty only covers properly installed and maintained Products sold by authorized EasyPro Sellers who are subject to and follow EasyPro's quality control standards. Please note that because EasyPro is unable to control the quality of Products sold by unauthorized sellers, unless otherwise prohibited by law, this warranty does not cover Products purchased from unauthorized sellers.

This warranty does not cover normal wear and tear, nor any deterioration suffered through overloading, improper use, negligence, improper installation, acts of God or accident. Similarly, any modification made by the purchaser to the Product will cause the warranty to be null and void. This warranty does not cover any cost associated with the installation or removal of the Product subject to a warranty claim.

All returned items will be inspected to determine cause of failure before a warranty claim is approved. The exclusive remedies provided hereunder shall, upon EasyPro's inspection and option, be either repair or replacement of the Product or parts covered under this warranty.

Making a Claim: A Return Authorization ("RA") number must first be obtained by calling EasyPro at 800-448-3873 or via email at warranty@easypro.com. It is the purchaser's responsibility to pay the return shipping charges. Be sure to include the RA number, original receipt (in the form of an invoice or sales receipt), your name, your return address and your phone number inside of the package. No warranty claims will be honored without the original receipt that shows that your purchase was made from an Authorized EasyPro Seller. Ensure the product is properly packaged and insured for the replacement value. Damage due to improper packaging is the responsibility of the sender. ALL OTHER EXPRESS OR IMPLIED WARRANTIES INCLUDING MERCHANTABILITY OF FITNESS FOR A PARTICULAR PURPOSE ARE HEREBY LIMITED IN DURATION TO THE DURATION OF THE WARRANTY AS DESCRIBED ABOVE. Some States do not allow limitations on how long an implied warranty lasts, so the above limitations may not apply to you.

EasyPro shall not be held liable for any damages caused by defective components or materials of this Product; 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. Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

EasyPro 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 warranty gives you specific legal rights, and you may also have other rights that vary from State to State.



800-448-3873 • Grant, Michigan

www.easypro.com

TH150 • TH250 • TH400 • TH750



TH Series Submersible Pumps

Instructions for Operation • Safety • Warranty

High quality, submersible, stainless pumps designed for years of energy efficient, continuous duty operation

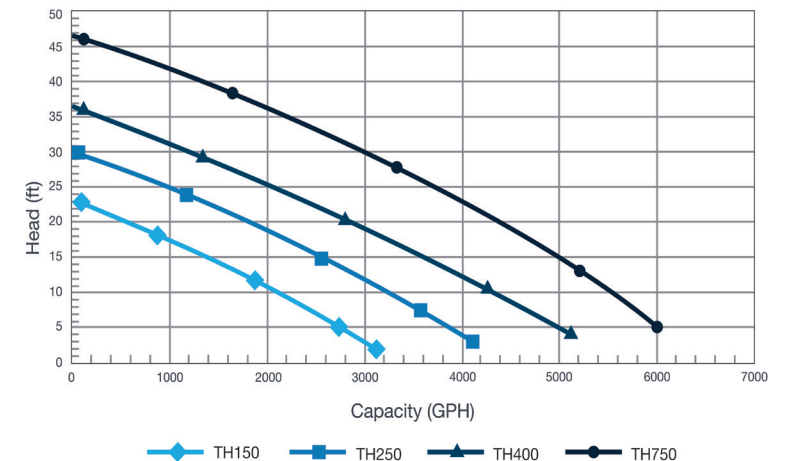
Thank you for purchasing the TH Series Waterfall Pump. These stainless steel waterfall pumps are designed for continuous duty use. These pumps are a great choice for waterfalls, pond fountains and similar applications. The compact design makes them great for skimmers.

Specifications

- 304 Stainless steel motor housing
- Corrosion resistant fiber reinforced pump casing
- High precision mechanical shaft seals
- Wear resistant nylon semi-vortex impeller
- Automatic thermal overload protection with self reset
- Double silicone carbide mechanical seal
- 2" outlet, 20' cord standard



EasyPro TH Pump Performance



Electrical Specifications



Model	HP	Watts*	Volts	Amps	Cable Length
TH150	1/4	270-350	115	2.6-3.1	6m/20'
TH1502	1/4	270-350	230	1.3-1.5	6m/20'
TH250	1/3	345-500	115	3.0-4.2	6m/20'
TH2502	1/3	345-500	230	1.5-2.1	6m/20'
TH400	1/2	440-670	115	3.7-6.0	6m/20'
TH4002	1/2	440-670	230	1.8-3.0	6m/20'
TH750	1	600-910	115	6.0-9.9	6m/20'
TH7502	1	600-910	230	3.0-4.9	6m/20'

* Actual running conditions affect watts

Pump Specifications

Model	Max. Flow	Max. Head	Outlet	Weight
TH150	3100 GPH	7m/23'	2"	6.75kgs/15 lbs.
TH1502	3100 GPH	7m/23'	2"	6.75kgs/15 lbs.
TH250	4100 GPH	9m/30'	2"	7.85kgs/18 lbs.
TH2502	4100 GPH	9m/30'	2"	7.85kgs/18 lbs.
TH400	5100 GPH	11m/36'	2"	9.07kgs/20 lbs.
TH4002	5100 GPH	11m/36'	2"	9.07kgs/20 lbs.
TH750	6000 GPH	14m/46'	2"	10.88kgs/24 lbs.
TH7502	6000 GPH	14m/46'	2"	10.88kgs/24 lbs.

Safety & Electrical Connections

-  Always disconnect the electricity supply before handling, maintaining, repairing or installing any pond equipment.
- Always make sure you know the correct amps and voltage required before installing.
- Use dedicated power outlet only. Sharing the outlet with other equipment may cause overheating and fire.
- Always connect to a Ground Fault Circuit (GFCI) to prevent electrical shock. Never submerge connecting power cable plug in water.
-  Never let the pump run without water as this will damage the impeller, over heat and possibly burn out the pump. This pump must stay submerged entirely when operating. If used in a skimmer, the debris net must be kept clean to ensure adequate water flow to pump. Running pump low on water will cause overheating, premature failure and will void warranty.
- Do not use this product in bathrooms or swimming pools.
- Do not let the water level in your water feature fall below the top of the pump body.
- All electrical work must be performed by a qualified technician. Always follow the National Electrical Code (NEC) or the Canadian Electrical Code as well as all local, state and provincial codes. Code questions should be directed to your local electrical inspector. Failure to follow electrical codes and OSHA safety standards may result in personal injury or equipment damage. Failure to follow manufacturer's installation instructions


may result in electrical shock, fire hazard, personal injury or death, damaged equipment, provide unsatisfactory performance and may void manufacturer's warranty.

- Do not attempt to disassemble pump during the warranty period. If there are any questions please contact you local dealer.
- Never use an extension cord or tamper with power cord. Power cord cannot become bent, twisted, abraded or cut. A damaged cable may cause electric leakage, shock or fire.
- The motor has a built-in protection system which stops the pump when overheating occurs due to excessive load or low water, this can be caused by clogging at inlet/outlet or when fluctuations occur in power supply.


Installation

- Do not paint casing, over heating may occur
- Lift only by handle, not by power cable
- Do not hang pump in water, install on solid flat base in upright position
- Install proper outlet adapter for pipe or hose
- Make sure that power cable plug and power outlet are away from water and water discharge pipe/hose.

Operation

- Do not start operation with people standing near intake or outlet.
- Do not operate out of water.
- Never operate below minimum water level, which is 6" above base level. For continuous operation pump must be fully submersed. Operate for a maximum of 30 minutes if water level is between these two levels.
-  Only use pump for circulation, transfer or removal of water or waste water.
- Do not pump oil, salt water, chlorinated water or chemical liquids.
- Do not allow dry operation
- Do not allow foreign objects to enter intake
- In case of power outage, turn off power switch to avoid damage when power is restarted.
- If excessive vibration occurs turn off power immediately.

Service & Maintenance

- Disconnect all power supplies before inspection or service to avoid possible electrical shock.
- The pump should be removed from the pond on a regular basis, cleaned and checked over for damage to prolong the life of the pump.
-  Clean the impeller and intake screen when the flow is visibly reduced.
- Clean the pump and impeller with clean fresh water.
- Check inside the impeller housing for large debris or algae, which could reduce the flow.

- Check and tighten nuts and bolts if required, refer to dealer for advice on other repairs.
- Check oil level regularly. Oil housing should be 80% full. Use Light Medium / VG46, or ISO VG46 oil when needed.
- Winterization/Storage: When the pump is out of use for extended time - wash and dry it then store indoors in a non-freezing location. It is best to store in a bucket with about an 8" water depth.
- If the pump is left in water but not operating regularly, test run it at least once a week.

TH Series Pump Trouble Shooting

Humming	<ul style="list-style-type: none">Line circuit breaker is off, fuse is burned or loosePump cord is not making contact in receptacleMay have air lock
Running, no water	<ul style="list-style-type: none">Check valve (optional) is installed backwardsDischarge shut-off valve closedInlet or impeller cloggedPump is air-locked, start and stop several times by plugging and unplugging cord, may need to disconnect and reinstall pump.Impeller not turning after extended time out of service. Unplug and disconnect pump. Manually turn the impeller by spinning until free. Reconnect pump and plug back in.Vertical pumping distance is too high or the pipe size is too small
Running, very little water	<ul style="list-style-type: none">Pump is air-locked, start and stop several times by plugging and unplugging cordVertical pumping distance is too high or the pipe size is too smallInlet or impeller clogged/damagedLow water conditions with pump sucking air
GFCI breaker tripping	<ul style="list-style-type: none">Mechanical seals may need to be replacedPower cord may be damaged or cutNuisance trip due to improper groundingMotor stator may be defectiveOverloaded circuit
Motor briefly starts and stops	<ul style="list-style-type: none">Low water conditions, pump overheatingInlet or impeller cloggedImproper power supplyMotor stator may be defective