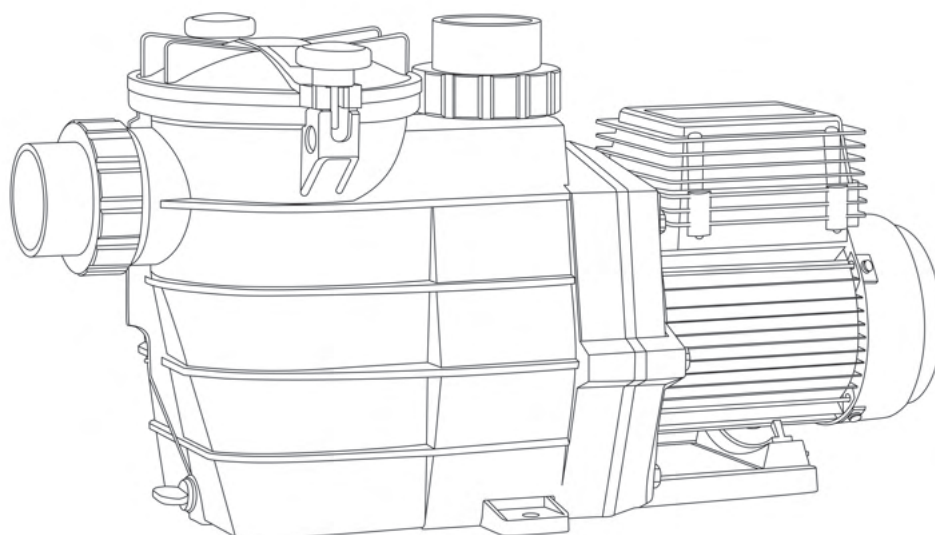




Pro-Fit ***POOL PUMP***



INSTALLATION GUIDE AND USER MANUAL

THANK YOU FOR PURCHASING A NEPTUNE POOL PUMP.
Please read the manual thoroughly before installing or using the product.
Only qualified technicians must install the product. Keep this manual for future reference.



IMPORTANT SAFETY INSTRUCTIONS

Before installing or servicing this electrical equipment, disconnect it from the power supply.



WARNING

Read and follow all instructions in this user manual and on the equipment. Failure to follow instructions can cause severe injury and/or death.

 **WARNING** – This manual contains important information about the installation, operation, and safe use of this pump that must be transferred through to the end user of this product.

 **WARNING** – This product should be installed and serviced only by a qualified professional. Use only genuine replacement parts supplied by the manufacturer for service and repair.

 **WARNING** – All electrical wiring **MUST** be performed by a qualified electrical contractor, and must conform to Local/State/Federal electrical regulations and the Latest Edition of AS/NZS 3000 Wiring Rules.

 **WARNING** – This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. **CHILDREN SHOULD BE SUPERVISED TO ENSURE THAT THEY DO NOT PLAY WITH THE APPLIANCE.**

 **CAUTION** – This pump is only for use on permanently installed swimming pools and may also be used with hot tubs and spas if so marked and with a maximum water temperature of 40°C, for the purpose of pool or spa water circulation. Do NOT use with storable pools. A permanently installed pool is constructed in or on the ground or in a building such that it cannot be readily disassembled for storage. A storable pool is constructed so that it is capable of being readily disassembled for storage and reassembled to its original integrity. Though this product is designed for outdoor use, it is strongly advised to protect the electrical components from the weather. Select a well-drained area, one that will not flood when it rains. It requires free circulation of air for cooling. Do not install in a damp or non-ventilated location. If installed within an outer enclosure or beneath the skirt of a hot tub or spa, adequate ventilation and free circulation of air must be provided to prevent overheating of the motor.

 **WARNING** – Pool and spa components have a finite life. All components should be inspected frequently and replaced at least every ten years, or if found to be damaged, broken, cracked, missing, or not securely attached.



 **WARNING – Risk of Electric Shock.** All electrical wiring must be performed by a qualified electrical contractor, and must conform to Local/State/Federal electrical regulations and the Latest Edition of AS/NZ 3000 Wiring Rules. **All electrical circuits must be supplied through a Residual Current Device - RCD (Safety Switch), with a residual operating current not exceeding 30 mA.** Hazardous voltage can shock, burn and cause death or serious property damage. To reduce the risk of electric shock, do NOT use an extension cord to connect unit to the electricity supply.

 **WARNING** – To reduce the risk of electric shock replace damaged wiring immediately. Locate the power cord so that it cannot be damaged by lawn mowers, hedge trimmers and other equipment.

 **WARNING** – Never operate the circulation system at more than 344 kPa (50 PSI) maximum.

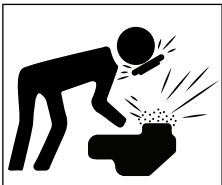
 **WARNING – Automatic Restart.** The pump motor is automatically protected from overheating. If such an error occurs, the pump will automatically restart once the temperature is at a safe level to do so without warning. If a power failure occurs while the pump is running, it will automatically restart once the power has been restored.

IMPORTANT SAFETY INSTRUCTIONS

Before installing or servicing this electrical equipment, disconnect it from the power supply.



WARNING – Hazardous Pressure. Pool and spa water circulation systems operate under hazardous pressure during start-up, normal operation, and after pump shut-off. Stand clear of circulation system equipment during pump start-up. Failure to follow safety and operation instructions could result in violent separation of the pump housing and cover due to pressure in the system. This separation could cause property damage, severe personal injury, or death. Before servicing the pool and spa water circulation system, all system and pump controls must be in the off position and the Filter Manual Air Relief Valve must be in the open position. Before starting the system pump, all valves must be set in a position to allow system water to return back to the pool. Do not change the Filter Control Valve position while the system pump is running. Before starting the system pump, fully open the Filter Manual Air Relief Valve. Do not close the Filter Manual Air Relief valve until all the air is expelled and a steady stream of water is discharged from the valve. All suction and discharge valves **MUST BE OPEN** when starting the circulation system. Failure to do so could result in severe personal injury and/or property damage.



WARNING – Separation Hazard. Failure to follow safety and operation instructions could result in violent separation of pump components. Strainer cover must be properly secured to pump housing by ensuring it is firmly screwed down. Before servicing pool and spa circulation system, all system and pump controls must be in off position and the Filter Manual Air Relief Valve must be in open position. Do not operate pool and spa circulation system if system components are not assembled properly, damaged, or missing. Do not operate pool and spa circulation system unless the Filter Air Relief Valve body is in locked position within the filter upper body. All suction and discharge valves **MUST BE OPEN** when starting the circulation system. Failure to do so could result in severe personal injury and/or property damage.



WARNING – Suction Entrapment Hazard. The force from suction in suction outlets and/or suction outlet covers which are damaged, broken, cracked, missing, or unsecured, can cause severe injury and/or death due to the following entrapment hazards:



Hair Entrapment - Hair can become entangled in suction outlet cover.



Limb Entrapment - A limb inserted into an opening of a suction outlet sump or suction outlet cover that is damaged, broken, cracked, missing, or not securely attached, can result in a mechanical bind or swelling of the limb.



Body Suction Entrapment - A differential pressure applied to a large portion of the body or limbs can result in an entrapment.

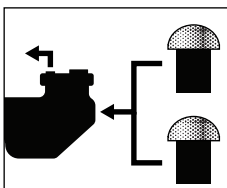


Evisceration/Disembowelment - A negative pressure applied directly to the intestines through an unprotected suction outlet sump or suction outlet cover which is damaged, broken, cracked, missing, or unsecured, can result in evisceration/disembowelment.

Mechanical Entrapment - There is potential for jewellery, swimsuits, hair decorations, fingers, toes, or knuckles, to be caught in an opening of a suction outlet cover resulting in mechanical entrapment.



WARNING – To Reduce the risk of Entrapment Hazards:

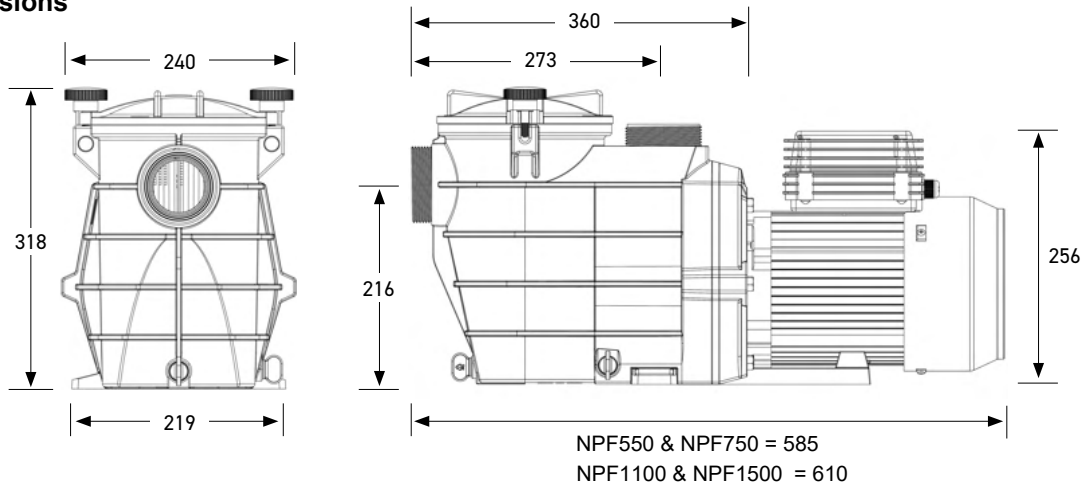


- » When outlets are small enough to be blocked by a person, a minimum of two functioning suction outlets per pump must be installed. Suction outlets in the same plane (i.e. floor or wall), must be installed a minimum of 0.91 metres or three feet (3') apart, as measured from near point to near point to avoid dual blockage by a user.
- » Dual suction fittings shall not be located on seating areas or on the backrest for such seating areas.
- » Never use pool or spa if any suction outlet component is damaged, broken, cracked, missing, or not securely attached.
- » Replace damaged, broken, cracked, missing, or not securely attached suction outlet components immediately.
- » In addition to installing two or more suction outlets per pump, follow all national, state, local regulations and AS 1926.3 Latest Edition.
- » Installation of a vacuum release or vent system, which relieves entrapping suction, is recommended.

INTRODUCTION

Your Neptune Pro-Fit Pool Pump is specifically engineered for the demanding requirements of today's in-ground/above ground swimming pool/spa that is equipped with large capacity filters, heaters, and pool cleaning equipment. The self-priming centrifugal pump has been quality-built and engineered to give you many years of efficient, dependable, corrosion free service. This pump is only for use on permanently installed swimming pools and may also be used with hot tubs and spas if so marked and with a maximum water temperature of 40°C, for the purpose of pool or spa water circulation.

Product Dimensions

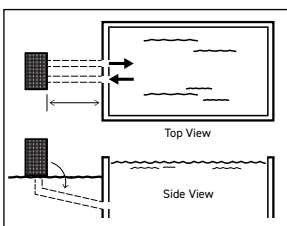


All dimensions in millimeters

INSTALLATION

⚠ WARNING – This product should be installed and serviced only by a qualified professional.

Pump Location



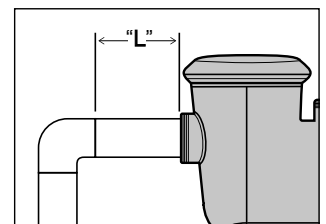
Locate the pump as practically close to the pool as possible. Run the suction line as directly as possible, from pump to pool, in order to reduce friction losses. The suction line should have a continuous slope upward from lowest point in line. Joints must be tight (but not over-tightened). The suction line must not be smaller than 40mm PVC and must be equal to or larger in diameter than the discharge line diameter. Though the pump is designed for outdoor use, it is advised to place pump and filter in the shade to shield them from continuous direct heat. Select a well-drained area that will not flood when it rains. Do NOT install pump and filter in a damp or non-ventilated location. Keep motor clean. Pump motors require free circulation of air for cooling. The maximum Suction Lift without a check valve installed in the suction piping where the pump can still prime is 1.8 metres.

Pump Mounting

Install pump on a level concrete slab or other rigid base to meet all local and national codes. Secure pump to base with screws or bolts to further reduce vibration and stress on pipe joints. The base must be level, rigid, and vibration free. Pump mount must:

- » Allow pump inlet height to be as close to water level as possible.
- » Allow use of a short, direct suction pipe (to reduce friction losses).
- » Allow for valves in suction and discharge piping.
- » Be protected from excess moisture and flooding.
- » Allow adequate access for servicing the pump and piping.

*NOTE: It is recommended that a minimum length of straight piping (shown as "L" in diagram to the right), equivalent to 5 pipe size diameters, be used between the pump suction inlet and any plumbing fittings (elbows, valves, etc).



INSTALLATION CONTINUED

Plumbing

Only use Teflon tape or an elastomeric thread sealant suitable for plastic to seal threaded connections on moulded plastic components. All plastic fittings must be new or thoroughly cleaned before use. **Do Not Use Plumbers Pipe Dope or Plumbers Putty** as it may cause cracking of the plastic components. It is only necessary to tighten fittings enough to prevent leakage. Tighten fitting by hand and then use a tool to engage the fitting an additional ½ turn. **Do NOT over-tighten fitting** or you may cause damage. If a leak occurs, remove the fitting and remove all traces of the sealing compound from thread. Re-apply fresh sealing compound and re-install the threaded fitting.

Note: If the pump is being installed using the moulded union nut and tail supplied with the pump, then there is no need to apply any type of thread sealant. The union gasket supplied is suffice to seal.

Fittings (elbows, tees, valves, etc.) restrict flow. For better efficiency use the fewest possible fittings. Avoid fittings that could cause an air trap.

For Solar Applications a check valve **must** be fitted to the discharge of the pump when installed with a solar heating system to stop back flooding when the pump shuts down.

ELECTRICAL

WARNING – Risk of Electric Shock.

All electrical wiring must be performed by a qualified electrical contractor, and must conform to Local/State/Federal electrical regulations and the Latest Edition AS/NZ 3000 Wiring Rules. All electrical circuits must be supplied through a Residual Current Device - RCD (Safety Switch), with a residual operating current not exceeding 30 mA. Hazardous voltage can shock, burn and cause death or serious property damage. To reduce the risk of electric shock, do NOT use an extension cord to connect unit to the electricity supply.

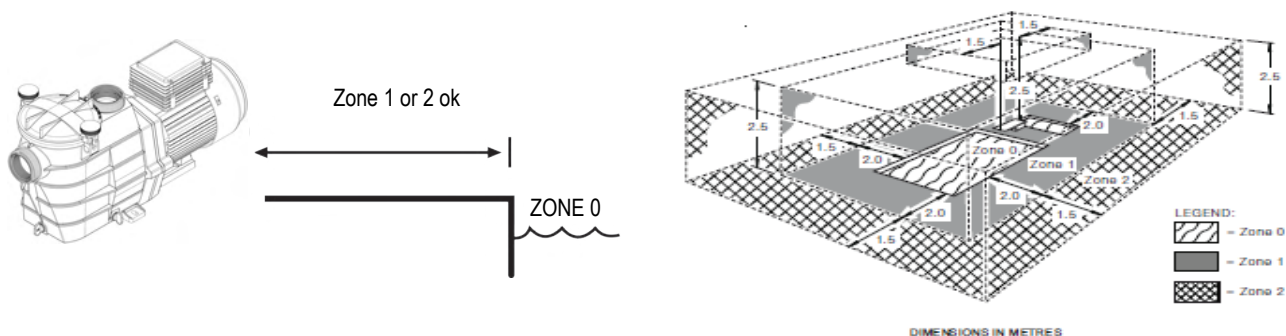
CAUTION – Lightning Surge Protector Recommended.

It is recommended that a surge protector device (SPD) is installed on the feed circuit to the pump by a qualified electrical contractor in accordance with AS/NZS 3000 Australian Wiring Rules Latest Edition.

Bonding

If required, all conductive parts within and around the pool shall be connected together by equipotential bonding conductors and connected to the protective earthing conductor of the electrical equipment as stated in AS/NZS 3000 Wiring Rules Latest Edition. This pump is constructed with a double insulated water circuit for extra safety when used on non equipotential bonded pools and spas. This pump can be mounted in swimming pool Zone 1, Zone 2, or outside of the swimming pool zones as per the conditions of AS/NZS 3000 Wiring Rules Latest Edition.

Note: If the pump is being mounted in Zone 1 or Zone 2 the motor must be equipotential bonded.



START-UP

Prior to Start-Up

If it is necessary to perform a water pressure test prior to the initial use to ensure the plumbing system is functioning properly, then the following criteria should be maintained for this test:

- » Have a professional perform this test.
- » Ensure all pump and system components are removed from the system prior to performing the test. However:

⚠ WARNING – If circulation equipment must remain in the plumbing system during water pressure test, do not apply more than 68 kPa (10 psi) pressure to the system. Be sure water pressure has been released, using the Filter Manual Air Relief Valve, before removing the pump strainer cover.

⚠ WARNING – All suction and discharge valves **MUST BE OPEN**, as well as the Filter Air Relief Valve (if available) on filter, when starting the circulating pump system. Failure to do so could result in severe personal injury.

Priming the Pump

Make sure to release all the pressure from the pump and the piping system by using the Filter Manual Air Relief Valve (if available). Close the valves in the suction and discharge lines and remove the strainer cover. Fill the strainer housing with water to suction pipe level. If water leakage occurs from anywhere on the pump or filter, **DO NOT** start the pump. If no leakage occurs re-install the strainer cover and ensure the Suction, Discharge, and Filter Air Relief Valves are open. Stand at least 2.5 metres from the pump and/or filter and proceed with starting the pump.

⚠ CAUTION - Never Operate The Pump Without Water.

Water acts as a coolant and lubricant for the mechanical shaft seal. Never run the pump dry. Running the pump dry may damage seals, causing leakage, flooding, and voids warranty. Do NOT add chemicals to pool/spa system directly to the pump housing or directly in front of the pump suction. Adding undiluted chemicals directly to the skimmer or strainer basket, may damage the pump and voids warranty.

Starting The Pump

To start the pump, make sure all the suction and discharge valves are open, and the Manual Air Relief Valve on the filter is fully open (if filter has one). Turn the power on at the power point and the pump will start up and begin priming. Stand back while the pump primes. Due to system variances like Suction Lift, and the length of the suction line, five minutes is not an unreasonable length of time for priming. Only close the Filter Manual Air Relief Valve once a steady stream of water (not air or air mixed with water) is discharging from the valve. If the pump will not start or prime please refer to the troubleshooting section on page nine (9).

MAINTENANCE

The pump is an electrical device and as such should not be disassembled or serviced by anyone other than an authorised Service Technician or a qualified electrician. An experienced Pool Service Technician should attend to any other problems that cannot be corrected by routine maintenance. Below are a few maintenance notes and precautionary steps the Pool Owner and Pool Service Technician can take to ensure a safe, efficient and prolonged service by the pump.

- » Clean strainer basket regularly. Do NOT strike the basket to clean it.
- » Pro-Fit pumps have self-lubricating motor bearings and shaft seals. No further lubrication is necessary.
- » Keep the motor clean. Ensure the air vents and fan are free from obstruction to avoid damage. Do NOT use water to hose off the motor.
- » Occasionally, shaft seals must be replaced due to wear or damage. Replace with a genuine Neptune/Pool Pro seal assembly kit only.
- » Do NOT use petroleum based lubricants on gaskets, o-rings, or plastic components. **Use silicone based lubricants only.**
- » Inspect strainer cover o-ring regularly and replace as necessary. Keep strainer cover o-ring lubricated.
- » Tighten the strainer cover lock ring and the union nuts by hand only (no wrenches).
- » Never allow the pump to operate without water.

SERVICING

Important Safety Instructions - *please read and follow all instructions carefully.*

Shaft Seal Change Instructions

When servicing electrical equipment, basic safety precautions should always be observed including the following. Failure to follow the instructions may result in injury.

- » Disconnect the pump motor power cord from the power outlet before beginning the shaft seal replacement.
- » Only qualified personnel should attempt to replace the shaft seal. Contact your local authorised Pool Pro/ Neptune stockist or service center if you have any questions.
- » Exercise extreme care in handling both the rotating and stationary sections of the two-part replacement seal.
- » Foreign matter or improper handling will easily scratch the graphite and ceramic sealing surfaces.
- » See the "Parts Diagram" on page eight (8) for the pump component locations.

Removing The Motor Assembly

1. Remove the six (6) 3/8" x 2" hex head bolts (Item #27), which hold the motor assembly to the pump/strainer housing (Item #1), using a 9/16" AF spanner or socket.
2. Slide the motor assembly out of the pump/strainer housing (Item #6), exposing the diffuser (Item #18). Pull the diffuser (Item #18) off the seal plate (Item #23) to expose the impeller (Item #20). (The diffuser may remain in the pump/strainer housing. To remove, pull it straight out of the pump/strainer housing.)

Removing The Impeller

1. To prevent the motor shaft from turning, insert a 6mm Allen Key through the centre hole in the fan cowling and into the socket on the end of the motor shaft and hold to brace it.
2. Remove the impeller (Item #20) by rotating it counterclockwise. The spring portion of the seal assembly is now exposed. Note carefully the position of the spring seal, then remove it. Also remove the impeller ring (Item #19) from the impeller and note the way it was installed.

Removing The Ceramic Seat

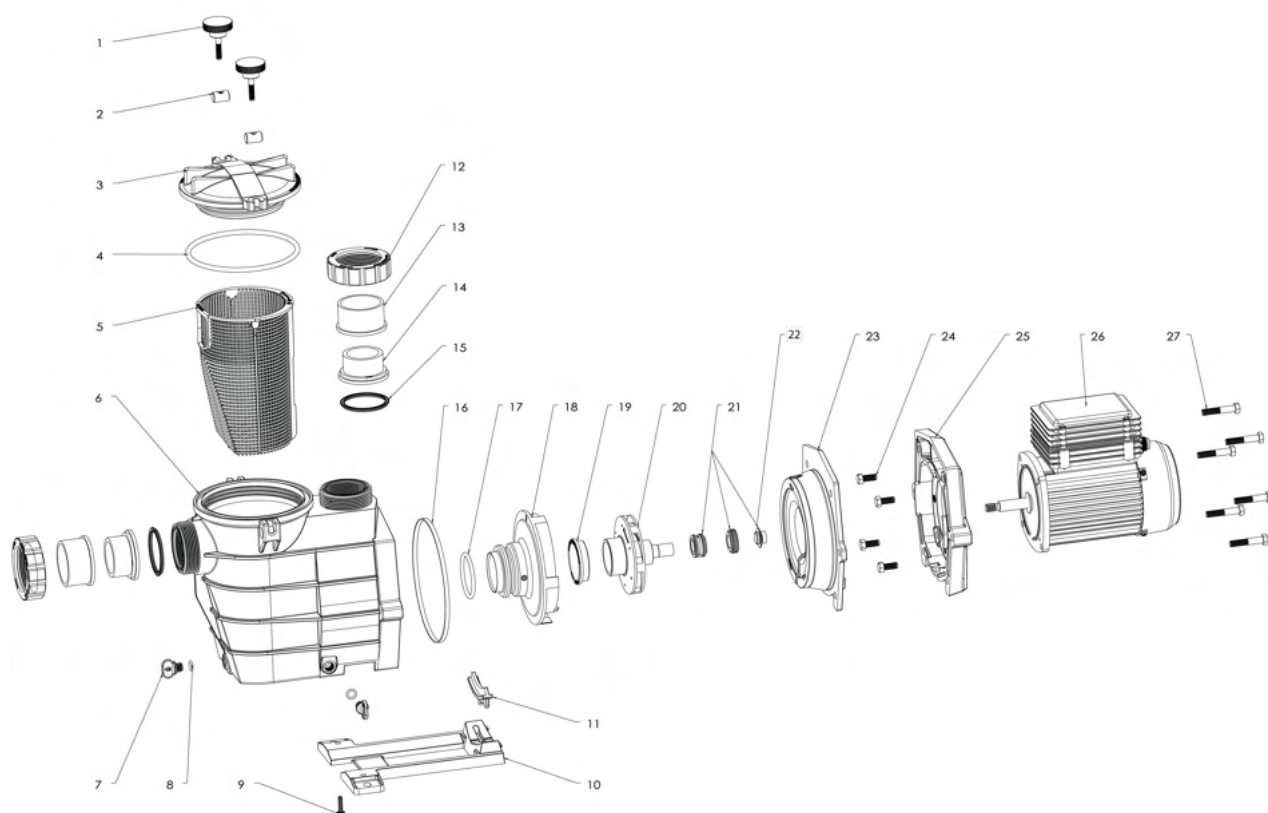
1. Remove the seal plate (Item #23) from the motor mounting plate (Item #25).
2. Press the ceramic seat with rubber cup out of the seal plate (Item #23). If tight, use a small screwdriver to tap the seal out from the back side of the seal plate.
3. Remove the slinger from the motor shaft (Item #22).

⚠ IMPORTANT – Clean all recesses and parts to be reassembled. Inspect gaskets and replace if necessary.

Seal, Impeller and Diffuser Installation

1. Clean and lightly lubricate the seal recess in the seal plate (Item #23) with a diluted solution of non-granulated liquid type soap. Gently wipe the polished face of the ceramic seal with a soft, lint free cotton cloth. Lubricate the rubber cup on the ceramic seat and press it firmly into the recess of the seal plate (Item #23), with the polished ceramic surface facing towards you.
2. Slide new plastic slinger onto motor shaft with tapered end pointing away from the motor.
3. Place the seal plate (Item #23) onto the motor mounting plate (Item #25), aligning the tabs on the seal plate with the grooves on the motor mounting plate. The outside profile of the two parts should be the same.
4. Gently wipe the black, polished surface of the carbon spring seal assembly (Item #21) with a soft, lint free cotton cloth.
5. Clean and lubricate the impeller hub (Item #20) and press the carbon spring seal assembly (Item #21) onto the impeller hub, with the black polished surface facing away from the impeller.
6. Screw the impeller (Item #20) onto the motor shaft in a clockwise direction and tighten snugly by holding the motor shaft with the 6mm Allen Key as explained earlier. Place the impeller ring (Item #19) back onto the impeller (Item #20) with its flange facing towards the diffuser (Item #18).
7. Place the diffuser (Item #18) over the impeller (Item #20) and onto the seal plate (Item #23), aligning the arrow to the slot in the seal plate. Give it a tap with the heel of your hand to make it lock into position on the seal plate. Ensure the diffuser gasket (Item #17) is fitted to the outside of the diffuser (Item #18) inlet.
8. Replace the motor assembly into the pump/strainer housing in the reverse order of the removal steps. Ensure the housing gasket (Item #16) is lubricated and tighten the housing bolts (Item #27) in a cross pattern and evenly.

COMPONENTS & PARTS



Ref #	Code	Description	Qty
1 & 2	GW2135	Pump Lid Knob & Nut Kit	2
3	LD005	Pump Lid	1
4	OR673M	Strainer Cover O-Ring	1
5	SBH6	Pump Basket	1
6	NPFP01	Pump Housing / Wet End	1
7	NPFP02	Drain Plug	2
8	OR678M	Drain Plug O-Ring	2
9	NPFP03	Mounting Foot Cap Screw	2
10	NPFP04	Mounting Leg	1
11	NPFP05	Spacer for Motor Support	1
12	NPFP06	Union Nut	2
13	NPFP07	2" SKT Connector	2
14	NPFP08	1-1/2" SKT Connector	2
15	OR679M	Union Gasket	2
16	GAS661	Housing / Wet End Gasket	1
17	OR844M	Diffuser O-Ring	1
18	GW2136	Diffuser	1
19	GW9633	Impeller Ring	1
20	NPFP09	Impeller for NPF550	1
20	NPFP10	Impeller for NPF750	1
20	NPFP11	Impeller for NPF1100	1
20	NPFP12	Impeller for NPF1500	1
21	MC33	Seal Kit (Inc. Seal & Slinger)	1
22	NPFP13	Slinger	1
23	NPFP14	Seal Plate	1
24	NPFP15	Bolt-3/8-16 X 7/8, 300 SS, Hex	4
25	NPFP16	Motor Mounting Plate	1
26	NPFP17	Motor for NPF550	1
26	NPFP18	Motor for NPF750	1
26	NPFP19	Motor for NPF1100	1
26	NPFP20	Motor for NPF1500	1
27	NPFP21	Bolt 316 SS 3/8" UNC * 2" Long	6

TROUBLESHOOTING

Motor Will Not Start

1. Ensure the power cord is plugged in and the power is switched on. If the pump still won't start check the availability of power by plugging in another appliance and seeing if it will start.
2. If the pump is controlled via a Chlorinator or Total System Controller, ensure that the controlling device is actually allowing the pump to start.
3. Check for open switches or relays, tripped circuit breakers or blown fuses.
4. If none of the above work, refer to an Authorised Service Agent or another qualified professional.

Pump Will Not Prime

1. Make sure all the suction and discharge valves are open and unobstructed, that the filter manual air relief valve is open, and that the pool water level is above all suction openings.
2. Fill the pump strainer/housing with water to the level of the pump inlet. Ensure that the cover gasket is clean, seated correctly, and lubricated. Tighten the strainer cover hand knobs by hand only.
3. Make sure the pump strainer basket is clean.
4. Check for loose unions or damaged union o-rings on the suction side. Replace damaged o-rings and tighten the union nuts by hand only (no wrenches).

Low Flow - Generally

1. Check for a clogged or restricted strainer basket or suction line. If the suction line is blocked, contact a qualified repair professional.
2. The pool piping is under size. Correct the piping size.
3. Check for a plugged or restricted discharge line of the filter, valve partially closed (high gauge reading).
 - › Sand Filters: Backwash as per manufacturer's instructions.
 - › D.E. Filters: Backwash as per manufacturer's instructions.
 - › Cartridge Filters: Clean or replace the cartridge as per manufacturer's instructions.
4. An air leak in the suction side plumbing (bubbles issuing from the return fittings). Re-tighten or re-seal threaded suction fittings with Teflon tape. Inspect other plumbing fittings and replace o-rings and tighten as required.
5. Motor bearings made unserviceable by wear, rust or continual overheating. Refer to authorised service agent.
6. Plugged, restricted or damaged impeller. Replace the impeller, including a new shaft seal assembly and slinger.

Motor Cuts Out

Your Pro-Fit pump motor is equipped with *Automatic Thermal Overload Protection*. The motor will automatically shut off before heat damage build up can occur due to abnormal operating conditions. The motor will auto-restart when a safe heat level is reached. If the motor fails to restart, switch the power off and contact an authorised Service Technician.

Damaged Supply Cord

If the power supply cord is damaged it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

Noisy Pump

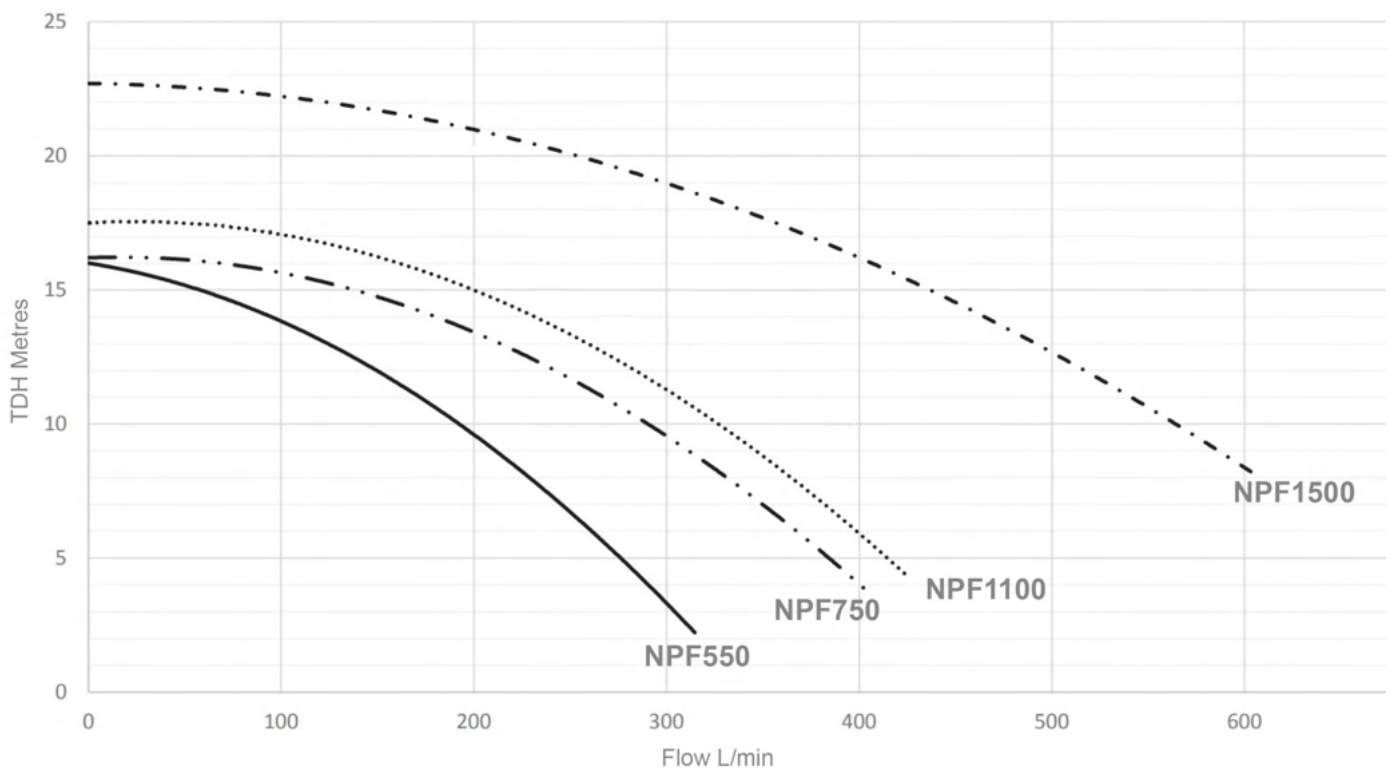
1. Cavitations caused by restricted or undersized suction line, an air leak at any joint, low water level in the pool, and unrestricted discharge return lines:
 - › Correct the suction condition or throttle the return lines, if practical. Holding your hand over the return fittings will sometimes prove this, or by putting in a smaller eyeball fitting.
2. Vibration due to improper mounting, etc.:
 - › Mount the pump on a level surface and secure the pump to the equipment pad.
3. Foreign matter in the pump housing or fan cowling:
 - › Loose stones/debris hitting the impeller or the motor cowling fan could be the cause. Clean the pump housing and the fan cowling.
4. Motor bearings noisy from normal wear, rust, overheating, or water ingress due to a worn or damaged shaft seal:
 - › Contact a qualified repair professional.

TECHNICAL INFORMATION

Specifications

Model	HP	Max. Total Head	Input kW	Input Amps	Noise dB(A) 1m	Weight (kg)	Ingress Protection
NPF550	0.75	16 m - 157kPa	0.74	3.3	< 70	12.5	IPX5
NPF750	1	16.2 m - 159 kPa	0.98	4.34	< 70	13.4	IPX5
NPF1100	1.25	17.5 m - 172 kPa	1.1	5.1	< 70	15.3	IPX5
NPF1500	1.5	17.5 m - 172 kPa	1.38	6.23	< 70	15.3	IPX5

Flow Curves



WARRANTY & PRODUCT REGISTRATION

Please register your product online at www.poolpro.com.au/product-registration.

The benefits to the consumer under this warranty are in addition to other rights and remedies of the consumer under the laws in relation to the goods and services to which the warranty relates. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law.

Pool Pro / The POPS Group Pty Ltd warrants that the Neptune Pro-Fit Pool Pumps (models NPF550, NPF750, NPF1100 and NPF1500) are free from defects in materials and manufacture for:

Wet End: 3 years on parts, 3 years on labour.

Motor: 3 years on parts, 2 years on labour.

Mechanical Seal: 12 months on parts, 12 months on labour.

For commercial installations, the warranty is 12 months on all parts, 12 months on all labour.

Pool Pro will at its discretion, except in the circumstances described below, either repair or replace any product proven to be defective during the warranty period for either materials or manufacture. This warranty is personal to the original purchaser and does not pass to any subsequent purchaser(s).

Any liability of the manufacturer pursuant to the Trade Practices Act 1974, as amended for a breach of a condition or warranty shall be limited to replacing or acquiring the equipment (or part thereof) where the same has been supplied.

The maximum liability incurred by the manufacturer shall not in any case exceed the contract price for the equipment or the product parts or components thereof claimed to be defective. Further, the manufacturer shall not be liable for any loss, damage or delay directly or indirectly caused by any malfunction of or defect of or failure of the equipment other than as expressly provided in this warranty.

To the extent permitted by law, Pool Pro / The POPS Group Pty Ltd will not be liable for products which fail or become defective during the warranty period as a result of:

- Incorrect operation of the unit by not following correct instructions.
- Not using the product for its intended use.
- Foreign matter blocking impeller or restricting water flow.
- Incorrect installation, including inadequate ventilation.
- Excessive ambient temperature.
- Improper maintenance and balancing of pool water.
- Damage caused to the pool pump due to accident, misuse, neglect, lack of care, running the pump without sufficient water flow, lightning strikes, flooding, incorrect power supply, or damage caused by any other means than manufacturer defect.
- If the pool pump is repaired or serviced by an unauthorised dealer or serviceman.
- If a fault occurs in the operation of the pool pump by using non-genuine parts/accessories.
- General wear and tear of consumable products.

Further, Pool Pro / The POPS Group Pty Ltd shall not be liable for any loss, damage or delay directly or indirectly caused by any malfunction of or defect of or failure of the equipment other than as expressly provided in this warranty.

Defective equipment must be returned to the authorised dealer as soon as the purchaser becomes aware of the defect and all transport costs must be prepaid.

Neither the manufacturer nor the authorised dealer shall be responsible for any goods damaged in transit. The manufacturer and authorised dealer will not be held liable for damage caused to the pool and surrounding areas. Keep your original purchase invoice and serial number in a safe place.

To submit a warranty request, visit www.poolpro.com.au/serviceclaim.

