HAYWARD®

OWNER'S MANUAL
INSTALLATION, OPERATION, & PARTS

Power-Flo LX™ / Power-Flo II™ Pump Series

The Hayward® Power-Flo LX™ and Power-Flo II™ Pump Series are specifically engineered for the demanding requirements of today's above-ground swimming pools. The advanced design reduces maintenance requirements while providing superior performance.

To prevent potential injury and to avoid unnecessary service calls, read this manual carefully and completely.

⚠ **CAUTION – We highly recommend a qualified professional install and service this product.**

⚠ **WARNING – This manual contains important safety information that must be furnished to the end user of this product. FAILURE TO READ AND FOLLOW ALL INSTRUCTIONS COULD RESULT IN SERIOUS INJURY.**

*Only units equipped with 3' twist-lock cords or furnished without a cord for permanent wiring are UL-Listed.

SAVE THIS INSTRUCTION MANUAL

HAYWARD POOL PRODUCTS, INC.

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PRODUCT REGISTRATION (Retain For Your Records)
DATE OF INSTALLATION _____
INITIAL PRESSURE GAUGE READING (CLEAN FILTER) _____
PUMP MODEL _____ HORSEPOWER _____
FILTER MODEL _____ SERIAL NUMBER _____

IMPORTANT SAFETY INSTRUCTIONS

When installing and using this electrical equipment, basic safety precautions should always be followed, including the following: Failure to follow instructions may result in injury.

READ AND FOLLOW ALL INSTRUCTIONS IN THIS OWNER'S MANUAL AND ON EQUIPMENT.

KEEP SAFETY LABELS IN GOOD CONDITION AND REPLACE IF MISSING OR DAMAGED.

⚠ **WARNING** – To reduce risk of injury, do not permit children to use or climb on this product. The ANSI/NSPI 4 Standard (above-ground and on-ground pools) advises that components such as the filtration system, pumps, and heaters be positioned to prevent their being used as a means of access to the pool by young children. Closely supervise children at all times.

⚠ **CAUTION** – The Power-Flo LX™ / Power-Flo II™ Pump Series' are intended for use on permanently installed above-ground swimming pools and may also be used with hot tubs and spas if so marked. 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.

Bond motor to pool structure. Use a solid copper conductor, size or larger. Run wire from external bonding lug to reinforcing rod or mesh. Connect a No. 8 AWG (8.4 mm²) solid copper bonding wire to the pressure wire connector provided on the motor housing and to all metal parts of swimming pool, spa, or hot tub, and to all electrical equipment, metal piping or conduit within 5 ft. (1.5 m) of inside walls of swimming pool, spa, or hot tub. (In Canada use No. 6 AWG bonding wire.)

NOTE: The National Electrical Code (NEC) permits use of a cord with a maximum 3 ft. (1 m) length. If your pump is equipped with a cord complying with the NEC, the following three (3) items apply.

⚠ **WARNING – Risk of Electric Shock.** Connect only to a grounding type receptacle protected by a Ground Fault Circuit Interrupter (GFCI). Contact a qualified electrician if you cannot verify that the receptacle is protected by a GFCI.

⚠ **WARNING –** To reduce the risk of electric shock replace damaged cord immediately. Do NOT bury cord. Locate cord to minimize abuse from lawn mowers, hedge trimmers and other equipment.

⚠ **WARNING –** To reduce the risk of electric shock, do NOT use an extension cord to connect unit to electric supply. Provide a properly located outlet. Qualified personnel MUST do all electrical wiring.

⚠ **CAUTION –** All suction and discharge valves **MUST** be **OPEN** when starting the filter system. Failure to do so could result in severe personal injury and/or property damage. All drains and suction covers MUST have properly installed covers securely attached with the screws supplied with the covers. If screws are lost, order replacement parts from your supplier.

⚠ **DANGER – Suction Entrapment Hazard.** Never use the pool or spa if a drain cover is damaged, cracked, missing, or not securely attached. Suction in drains and suction outlets can cause drowning, disembowelment, hair or body entrapment, severe injury, and death. Disembowelment, entrapment, or drowning is possible when body parts or hair come in contact with damaged, broken, cracked, missing, or unsecured drain covers and suction outlets. Suction from pumps with only one drain or suction outlet can cause disembowelment, entrapment, or drowning. Pumps for pools and spas require two (2) functioning suction outlets at least three (3) feet apart, on two (2) walls or on the floor and one (1) wall of the pool or spa. Installation of pump and suction outlets must be in compliance with all applicable local building codes. Replace damaged, broken, cracked, missing, or unsecured drain covers and suction outlets immediately.

⚠ **WARNING – Hazardous Pressure.** Pumps, filters, and other equipment/components of a swimming pool filtration system operate under pressure. Incorrectly installed and/or improperly tested filtration equipment and/or components may fail resulting in injury and/or property damage. A qualified pool professional MUST conduct all pressure tests. This product is intended for above-ground/on-ground swimming pool applications only. Do NOT connect to a high-pressure system such as a municipal water main. To prevent explosion caused by entrapped air in the filtration system use provided air relief valve to bleed air from the system. Confirm that ALL filtration system component clamps, bolts, and covers have been tightened to the manufacturer's recommendations.

⚠ **WARNING –** Never operate or test the filtration system at more than 30 PSI.

SAVE THESE INSTRUCTIONS

Installation Instructions

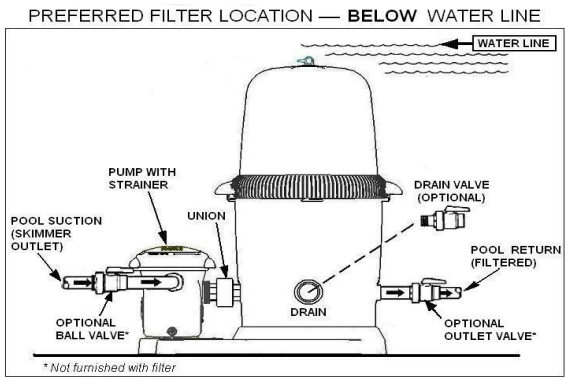
Pump Location

The Power-Flo LX™ pump MUST be installed below the pool water line (see Figure to right).

Self-priming Power-Flo II™ pumps may be installed up to four (4) feet above the pool water line.

Install pump on a firm, level base or pad to meet all local and national codes. The field supplied base or pad must be level and vibration-free.

Pump motors require free circulation of air for cooling. Do NOT install pump in a damp or non-ventilated location.



NOTE: ANSI/NSPI-4 Article V, standard for above-ground and on-ground pools, advises that components such as the filtration system, pumps and heater be positioned so as to prevent their being used as a means of access to the pool by young children.

Though the pump 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.

Pump Mounting

Fasten pump to base or pad with screws or bolts to further reduce vibration and stress on pipe or hose joints. The base MUST be solid - level - rigid - vibration free.

Pump mount must:

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

Plumbing

Use **Teflon tape** to seal threaded connections on molded plastic components. All plastic fittings must be new or thoroughly cleaned before use. **NOTE: Do NOT use Plumber's Pipe Dope as it may cause cracking of the plastic components.**

When applying **Teflon tape** to plastic threads, wrap the entire threaded portion of the male fitting with one to two layers of tape. Wind the tape clockwise as you face the open end of the fitting, beginning at the end of the fitting.

The pump suction and outlet ports have molded-in thread stops. Do **NOT** attempt to force hose connector fitting past this stop. It is only necessary to tighten fittings enough to prevent leakage. Tighten fitting by hand and then use a tool to engage fitting an additional 1 ½ turns. Use care when using Teflon tape as friction is reduced considerably; **do NOT over-tighten** fitting or you may cause damage. If leaks occur, remove connector, clean off old Teflon tape, re-wrap with one to two additional layers of Teflon tape, and re-install connector.

Piping - Flexible Hose, PVC, or Reinforced Hose are all acceptable piping methods

For pump outlet use 1-1/2" PVC pipe or reinforced hose. For pump suction on ALL models, use 1-1/2" reinforced hose. Increase size if a long run is needed. For pipe larger than port, use reducing fitting in strainer port.

To avoid pump strain, support suction and outlet independently. Place supports near pump. To avoid strain left by a gap at last connection, start all piping at pump and run pipe **AWAY** from pump.

NEVER use suction pipe **SMALLER** than pump suction connections. Suction pipe inlet must be lower than pump inlet port.

Installation Instructions (cont.)

Fittings

Fittings restrict flow. For better efficiency, use the fewest possible fittings. Avoid fittings that could cause an air trap.

Pool and spa fittings MUST conform to the International Association of Plumbing and Mechanical Officials (IAPMO) standards.

Use a non-entrapping suction fitting in pool or double suction (skimmer and main drain).

Electrical

⚠ WARNING – Ground motor before connecting to electrical power supply. Failure to ground pump motor can cause serious or fatal electrical shock hazard.

⚠ WARNING – Do NOT ground to a gas supply line.

⚠ WARNING – To avoid dangerous or fatal electrical shock, turn OFF power to motor before working on electrical connections.

⚠ WARNING – Ground Fault Circuit Interrupter (GFCI) tripping indicates electrical problem. If GFCI trips and won't reset, consult electrician to inspect and repair electrical system.

⚠ WARNING – Fire Hazard. Match supply voltage to motor nameplate voltage.

Insure that the electrical supply available agrees with the motor's voltage, phase, and cycle, and that the wire size is adequate for the H.P. (KW) rating and distance from the power source.

NOTE: All electrical wiring MUST be performed by a qualified professional, and MUST conform to local codes and regulations.

Voltage

Voltage at motor **MUST NOT** be more than 10% above or below motor name plate rated voltage, or motor may overheat, causing overload tripping and reduced component life. If voltage is less than 90% or more than 110% of rated voltage when motor is running at full load, consult power company.

Grounding/Bonding

Install, ground, bond, and wire motor according to local or national electrical code requirements.

Permanently ground motor. Use green ground terminal provided under motor canopy or access place; use size and type wire required by code. Connect motor ground terminal to electrical service ground.

Bond motor to pool structure. Use a solid copper conductor, size or larger. Run wire from external bonding lug to reinforcing rod or mesh. Connect a No. 8 AWG (8.4 mm^2) solid copper bonding wire to the pressure wire connector provided on the motor housing and to all metal parts of swimming pool, spa, or hot tub, and to all electrical equipment, metal piping or conduit within 5 ft. (1.5 m) of inside walls of swimming pool, spa, or hot tub.

Wiring

Pump MUST be permanently connected to circuit. If other lights or appliances are also on the same circuit, be sure to add their amp loads before figuring wire and circuit breaker sizes. (NOTE: If unsure how to do this or if this is confusing, consult a licensed electrician). Use the load circuit breaker as the Master On-Off switch.

Install a Ground Fault Circuit Interrupter (GFCI) in circuit; it will sense a short-circuit to ground and disconnect power before it becomes dangerous to pool users. For size of GFCI required and test procedures for GFCI, see manufacturer's instructions.

Installation Instructions (cont.)

Electrical (cont.)

Wiring (cont.)

In case of a power outage, check GFCI for tripping, which will prevent normal pump operation. Reset if necessary.

NOTE: If you do not use conduit when wiring motor, be sure to seal wire opening on end of motor to prevent dirt, bugs, etc., from entering.

New Installation – Start-Up & Operation

Prior to Start-Up

Fill strainer housing with water to suction pipe level. **NEVER operate the pump without water**. Water acts as a coolant and lubricant for the mechanical shaft seal.

⚠ WARNING – NEVER run pump dry. Running pump dry may damage seals, causing leakage and flooding. Fill strainer housing with water before starting motor.

⚠ CAUTION – Do NOT add chemicals to pool/spa system directly in front of pump suction. Adding undiluted chemicals may damage pump and voids warranty.

⚠ CAUTION – Before removing strainer cover:

1. **STOP PUMP before proceeding.**
2. **CLOSE VALVES in suction and outlet pipes.**
3. **RELEASE ALL PRESSURE from pump and piping system.**

⚠ WARNING – If pump is being pressure tested, be sure pressure has been released before removing strainer cover.

⚠ WARNING – Do NOT block pump suction. To do so with body may cause fatal injury. Small children using pool MUST always have close adult supervision.

Priming Pump

- Open all valves before starting system.
- Release all air from filter and piping system. **See filter owner's manual.**
- When water source is higher than the pump, pump will prime itself when suction and outlet valves are opened. If water source is lower than the pump, unscrew and remove strainer cover; fill strainer and pump with water.
- Clean and lubricate strainer cover O-ring with "Jack's 327" each time it is removed.
- Clean and inspect O-ring; re-install on strainer cover.
- Replace strainer cover on strainer housing; turn clockwise to tighten cover.

NOTE: Tighten strainer cover by hand only (no wrenches) ¼ turn.

Pump should prime. Priming time will depend on vertical length of suction lift and horizontal length of suction pipe. If pump does NOT prime within ten minutes, stop motor and determine cause. Be sure all suction and discharge valves are open when pump is running. See Troubleshooting Guide.

Storage/Winterization

⚠ WARNING – Explosion Hazard. Purging the system with compressed air can cause components to explode, with risk of severe injury or death to anyone nearby. Use only a low pressure (below 5 PSI), high volume blower when air purging the pump, filter, or piping.

⚠ CAUTION – Allowing the pump to freeze will void the warranty.

⚠ CAUTION – Do NOT use anti-freeze solutions (except propylene glycol) in your pool/spa system. Propylene glycol is non-toxic and will not damage plastic system components; other anti-freezes are highly toxic and may damage plastic components in the system.

Drain all water from pump and piping when expecting freezing temperatures or when storing pump for a long time (see instructions below). Gravity drain system as far as possible.

Keep motor dry and covered during storage. To avoid condensation/corrosion problems, do NOT cover or wrap pump with plastic film or bags.

Storing Pump For Winterization

⚠ WARNING – To avoid dangerous or fatal electrical shock hazard, turn OFF power to motor before draining pump.

1. Drain water level below all inlets to the pool.
2. Remove drain plug from bottom of strainer body.
3. Disconnect pump from base.
4. Once the pump is removed of water, re-install the strainer lid and strainer plug.
5. Store pump in a dry enclosure.

Start-Up For Winterized Equipment

1. Follow filter manufacturer's instructions for reactivation of the filter.
2. Inspect all electrical wiring for damage or deterioration over the shutdown period. Have a qualified serviceman repair/replace wiring as needed.
3. Securely mount pump to base.
4. Install all intake and output fittings and piping.
5. Refill pool to proper water level.
6. Prime pump according to instructions.

Shaft Seal Change Instructions

IMPORTANT SAFETY INSTRUCTIONS
PLEASE READ AND FOLLOW ALL INSTRUCTIONS

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

A. **⚠ WARNING – To reduce risk of injury, do not permit children to use this product.**
B. Disconnect all electrical power service to pump before beginning shaft seal replacement.
C. Only qualified personnel should attempt rotary seal replacement. Contact your local authorized Hayward Dealer or service center if you have any questions.
D. The National Electrical Code requires either a three (3) foot maximum twist-lock cord set with a GFCI protected receptacle or hard wire (conduit) connection for swimming pool pump installation. Do not use extension cords.

SAVE THESE INSTRUCTIONS

Shaft Seal Change Instructions (cont.)

Exercise extreme care in handling both the rotating and the stationary sections of the two-part replacement seal. Foreign matter or improper handling will easily scratch the graphite and ceramic sealing surfaces.

1. Shut off water flow to pump by closing appropriate valves or by plugging both the skimmer outlet port and return port to pool. Disconnect piping or hoses from the motor/pump assembly.
2. Remove the strainer by disengaging and removing the strainer cover. Remove the basket. Lift up on strainer 'C' clip and remove. Finally, slide strainer housing forward and remove.
3. Unscrew eight (8) screws and remove pump cover, exposing the impeller.
4. Remove the canopy or the shaft cover plate from the end of motor opposite the impeller.
5. Hold the motor shaft securely by either inserting a screwdriver in slot at end of shaft or by using an open-end wrench to engage the flat surfaces provided near end of motor shaft. Rotate the impeller ina a counterclockwise direction and remove it from the motor shaft.
6. Note how the steel spring section of the old seal is positioned on impeller hub and remove it by pulling from the impeller.
7. Loosen four (4) motor through bolts from the back of motor and remove pump housing/shroud from the front of the motor.
8. Remove the ceramic stationary portion of the old seal by pressing the white ceramic seat out of the pump housing recess. If assembly is tight, tap lightly from the "motor" side.
9. Clean and lubricate the impeller stem and the pump housing recess with a dilute solution of non-granulated liquid-type soap. Do not use petroleum or silicone lubricants as these can contribute to seal leakage.
10. Press the new rotating portion of the seal assembly onto the impeller stem with the polished black graphite surface facing away from the impeller.
11. Carefully press the stationary ceramic portion of the seal into the recess of the pump housing/shroud, with the polished flat surface facing out.
12. Carefully insert the motor shaft through the pump housing/shroud and align with white ceramic stationary seal assembly in place and secure the motor to pump housing/shroud with four (4) motor through bolts removed in step #7. Be sure motor base and pump discharge port are positioned properly. Alternately tighten the motor through bolts until the pump housing is secure. Make certain motor shaft turns freely before proceeding.
13. Screw the impeller (clockwise) with the rotating portion of seal in place onto the motor shaft. Hand-tighten the impeller in place.
14. Clean (replace if necessary) the O-ring and replace on pump cover. Assemble the pump cover to the pump housing/ shroud with the eight (8) screws removed in step #3. Tighten screws alternately and evenly.
15. Re-assemble strainer by sliding strainer housing onto pump cover. Install strainer 'C' clip by pushing clip down onto grooved pump cover coupling. Insert basket and fasten strainer cover.
16. Reconnect pump to the piping or hoses provided. Open all valves and make sure that the pump strainer housing is full of water before restarting the pump.

Troubleshooting

Motor Will NOT Start – Check For:

1. Improper or loose wiring connections; open switches or relays; tripped circuit breakers, GFCI's, or blown fuses.
2. Manually check rotation of motor shaft for free movement and lack of obstruction. (See steps 4 & 5 of "Shaft Seal Change Instructions" in this manual.)
3. If you have a timer, be certain it is working properly. Bypass it if necessary.

Motor Shuts OFF – Check For:

1. Undersized wiring; loose connections; etc.
2. Low voltage at motor or power drop (frequently caused by undersized wiring or extension cord use).
3. Mechanical binding and electrical overload.

NOTE: Your Hayward pump motor is equipped with an "automatic thermal overload protector." The motor will automatically shut off if power supply drops before heat damage can build up causing windings to burn out. The "thermal overload protector" will allow the motor to automatically restart once the motor has cooled, provided the power source is again up to proper levels. It will continue to cut On/Off until the problem is corrected. **Be sure to correct cause of overheating.**

Troubleshooting (cont.)

Motor Hums, But Does NOT Start – Check For:

1. Centrifugal switch stuck in OPEN position.
2. Binding of motor shaft.

Pump Won't Prime

1. Make sure pump/strainer housing is filled with water and the cover O-ring is clean, also be sure it is properly seated in the cover O-ring groove. Make sure strainer cover is locked firmly in position and lubricated with "Jack's 327."
2. Make sure all suction and discharge valves are fully open and not blocked, that pool water level is at proper level, and that skimmer weir is not hung up or binded on skimmer wall.
3. Block off to determine if pump will develop a vacuum. You should have 5"-6" of vacuum at the strainer cover **(Only your pool dealer can confirm this with a vacuum gauge)**. You may be able to check by removing the skimmer basket and holding your hand over the bottom port with skimmer full and pump running. If no suction is felt, check for line blockage.
    a. If pump develops a vacuum, check for blocked suction line or dirty strainer basket, an air leak in the suction piping may be the cause.
    b. If pump does not develop a vacuum and pump has sufficient "priming water":
        i. Re-check strainer housing cover and all threaded connections for suction leaks. Check if all hose clamps are tight.
        ii. Check voltage to ensure that the motor is rotating at full RPM's.
        iii. Open housing cover and check for clogging or obstruction in suction. Check impeller for debris.
        iv. Remove and replace shaft seal only if it is leaking.

Low Flow – Generally, Check For:

1. Clogged or restricted strainer or suction line; undersized pool piping.
2. Plugged or restricted discharge line of filter, valve partially closed (high gauge reading).
   How to correct: Sand filters – backwash as per manufacturer's instructions; D.E. filters – backwash as per manufacturer's instructions; Cartridge filters – clean or replace cartridge.
3. Air leak in suction (bubbles issuing from return fittings). Re-tighten using Teflon tape.
4. Plugged or restricted impeller or impeller sheared off. Replace including new seal assembly.

Noisy Pump – Check For:

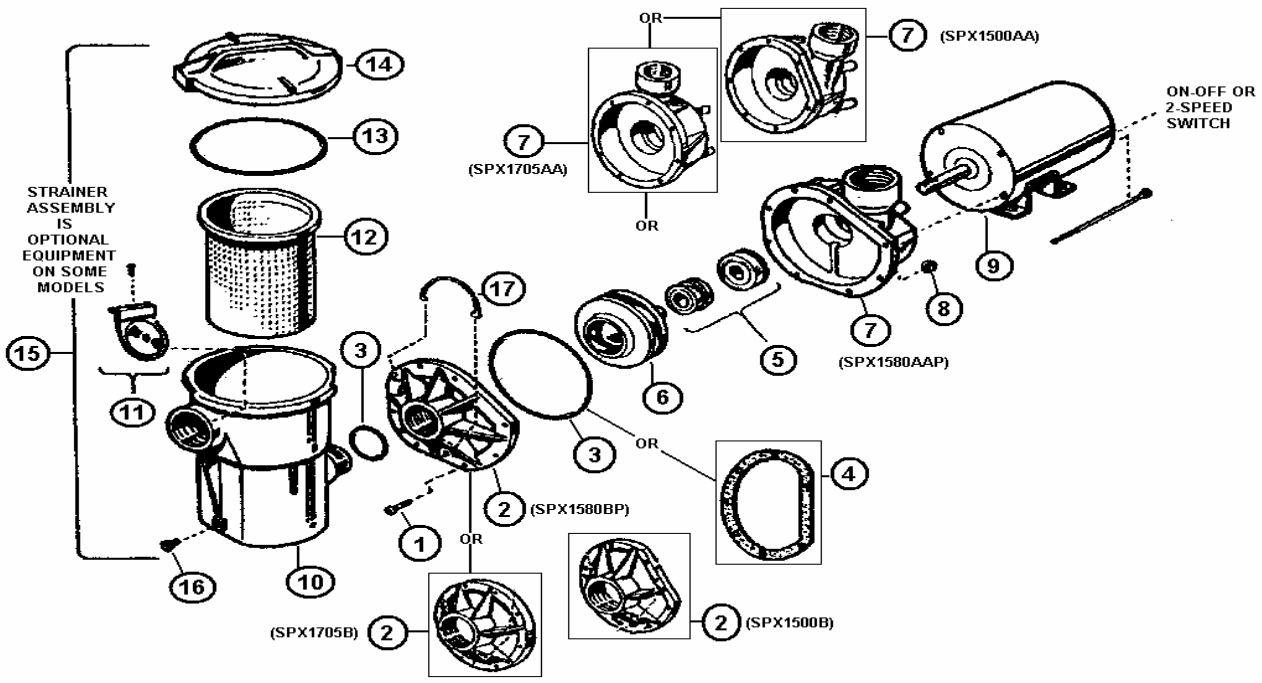
1. Air leak in suction piping causing rumbling in pump.
2. Cavitation due to restricted or undersized suction line or leak at any joint, low water level in pool, and unrestricted discharge return lines. Correct suction condition or throttle return lines, if practical. Holding hand over return fitting will sometimes prove this point or putting in a smaller eyeball fitting.
3. Vibration due to improper mounting, etc. Put a rubber pad under metal mounting feet.
4. Foreign matter in pump housing. Loose stones/debris hitting impeller could be cause, remove any of the above.
5. Motor bearings noisy from normal wear, rust, overheating, or concentration of chemicals causing seal damage which will allow chlorinated water to seep into bearings wiping out the grease causing bearing to whine. All seal leaks should be replaced at once.
6. Equipment base vibrating.

Maintenance

- Clean strainer basket regularly. Do NOT strike basket to clean. Inspect strainer cover gasket regularly and replace as necessary.
- Hayward pumps have self-lubricating motor bearings and shaft seals. No lubrication is necessary.
- Keep motor clean. Insure air vents are free from obstruction.
- Occasionally, shaft seals must be replaced, due to wear or damage. See "Shaft Seal Change Instructions" in this manual.

Replacement Parts

Parts Diagram



Parts Listing

Ref. No.	Description	Model No. SP1540C	Model No. SP1580, SP1580X15 SW1585X20, SW1585X25	Model No. SP1750, 1775, 1780
1	Housing Bolt, No. 10-24 Hex Head	SPX1500N2 (7 Req'd.)	SPX1500N2 (8 Req'd.)	SPX1500N2 (6 Req'd.)
2	Housing Cover	SPX1500B	SPX1580BP	SPX1705B
3	Housing O-Ring	SPX1580Z1	SPX1580Z1	SPX1580Z1
4	Housing Gasket	SPX1500H	SPX1500H	SPX1500H
5	Seal Assembly	SPX1500KA	SPX1500KA	SPX1500KA
6	Impeller	Refer to Part No. on Original Equipment	Refer to Part No. on Original Equipment	Refer to Part No. on Original Equipment
7	Pump Housing	SPX1500AA	SPX1580AAP	SPX1705AA
8	Housing Nut, No. 10-24 Hex Head	SPX1500Y2 (7 Req'd.)	SPX1500Y2 (8 Req'd.)	SPX1500Y2 (6 Req'd.)
9	Motor (for SP1540C) - 40 GPM	SPX1540Z1E	----	----
	Motor (for SP1750) - 1/2 HP	----	----	SPX1500Z1E
	Motor (for SP1775) - 3/4 HP	----	----	SPX1510Z1E*
	Motor (for SP1780) - 1 HP	----	----	SPX1510Z1XE*
	Motor (for SP1580) - 1 HP	----	SPX1510Z1XE	----
	Motor (for SP1580X15) - 1-1/2 HP	----	SPX1515Z1E	----
	Motor (for SW1585X20) - 2 HP	----	SPX1520Z1ESC	----
	Motor (for SW1585X25) - 2-1/2 HP	----	SPX1524Z1ESC	----
10	Strainer Housing with Basket	SPX1500CAP	SPX1500CAP	SPX1500CAP
11	Check Valve Assembly (Optional)	SPX1500RA	SPX1500RA	SPX1500RA
12	Strainer Basket	SPX1250RA	SPX1500LX	SPX1250RA
13	Strainer Cover O-Ring	SPX1500P	SPX1500P	SPX1500P
14	Strainer Cover with O-Ring	SPX1500D2A	SPX1500D2A	SPX1500D2A
15	Complete Strainer Assembly	SP1516	SP1516	SP1516
16	Drain Plug with Gasket	SPX1700FG	SPX1700FG	SPX1700FG
17	C-Clip	SPX1515C	SPX1515C	SPX1515C

* To order 2-speed motor, change "1" in suffix of model number to a "2" (i.e. SPX1510Z2E)

HAYWARD® LIMITED WARRANTY

This pump was inspected before shipment from our plant. To original purchasers of this pump, Hayward Pool Products, Inc., 620 Division Street, Elizabeth, New Jersey, warrants its products free from defects in materials and workmanship for a period of **ONE (1)** year from the date of purchase.

Parts which fail or become defective during the warranty period, except as a result of freezing, negligence, improper installation, use, or care, shall be repaired or replaced, at our option, without charge, within 90 days of the receipt of defective product, barring unforeseen delays.

To obtain warranty, replacements, or repair, defective components or parts should be returned, transportation paid, to the place of purchase, or to the nearest authorized Hayward service center. For further Hayward dealer or service center information, contact Hayward customer service department. No returns may be made directly to the factory without the express written authorization of Hayward Pool Products, Inc.

To original purchasers of this pump, Hayward Pool Products, Inc. warrants its pump housing/strainer to be free from defects in materials and workmanship for a period of **ONE (1)** year from the date of purchase.

Pump housing/strainers which become defective during the warranty period, except as a result of freezing, negligence, improper installation, use or care, or as the result of a use in association with an automatic valving system, shall be repaired, at our option, without charge.

All other conditions and terms of the standard warranty apply.

Hayward shall not be responsible for cartage, removal and/or reinstallation labor or any other such costs incurred in obtaining warranty replacements.

The Hayward Pool Products warranty does not apply to components manufactured by others. For such products, the warranty established by the respective manufacturer will apply.

Some states do not allow a limitation on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Hayward Pool Products, Inc.
620 Division Street
Elizabeth, NJ 07207

***Supersedes all previous publications.**

▲Retain this Warranty Certificate (upper portion) in a safe and convenient location for your records.

▼DETACH HERE: Fill out bottom portion completely and mail within 10 days of purchase/installation.

HAYWARD®

Mail to: Hayward Pool Products, Inc., 620 Division Street, Elizabeth, NJ 07207, Attn: Warranty Dept.

Warranty Registration Card

Name_____

Address_____

City_____**State**_____ **Zip** _____

E-mail Address:_____

Product Purchased_____

Product Serial No._____

☐ **New Installation** ☐ **Replacement**

Type of Pool:

☐ **In-ground** ☐ **Vinyl** ☐ **Fiberglass** ☐ **Gunite** ☐ **Above-ground**

Size of Pool_____

Years pool has been in service ☐ less than 1 ☐ 1-3 ☐ 3-5 ☐ 5-10

Purchased from:
Company name_____

Address_____

City_____**State**_____**Zip**_____

Please send me more information on these other products from Hayward:

☐ **Pump** ☐ **Filter** ☐ **Automatic Pool Cleaner**
☐ **Light** ☐ **Chlorinator** ☐ **Skimmer**
☐ **Heater**