## Manual Override

During normal operation, the pump speed can be manually overridden for 3 hours by a quick press and release of the button.




## Manual Override Speeds

There are 3 speeds available in manual override mode:

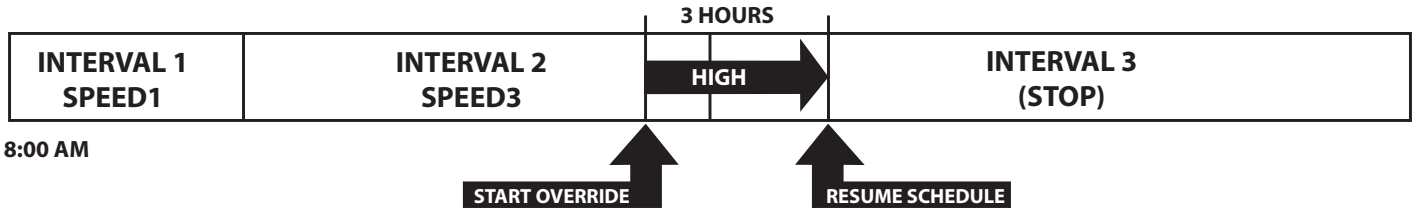
- HIGH
- MED
- LOW
- STOP

To cycle through the speeds press the button additional times while in override mode. Manual override mode will always start at HIGH.

**Note**: Initiating override mode will not change the start time for the daily schedule. While in override mode, the pump will operate at a single speed for 3 hours and then will revert back to normal operation according to the daily schedule. This does not apply to the STOP function and the pump will remain stopped until manual override is cancelled or a manual override speed is selected.

## Manual Override Example

If the daily schedule started at 8:00AM, and the daily schedule was Speed 1 - 4 hours, Speed 3 - 8 hours, and STOP – 12 hours. Pressing the button for manual override at 7:00PM would result in a 3 hour override from 7:00PM-10:00PM and when completed, the schedule would resume in Interval 3, which is programmed as STOP. The start of the daily schedule remains at 8:00AM.




The manual override mode can also be canceled by pressing and holding the button for 4 seconds while override mode is active. This will cause the pump to resume the daily schedule in the same manner as if the manual override expired.

## Changing between Operating Modes

| Operating Mode | Button Press | Action |
|---|---|---|
| Normal Operation | Quick Press | Start manual override |
| Manual Override | Quick Press | Change manual override speeds |
| | Press and Hold 4 seconds | Exit manual override |

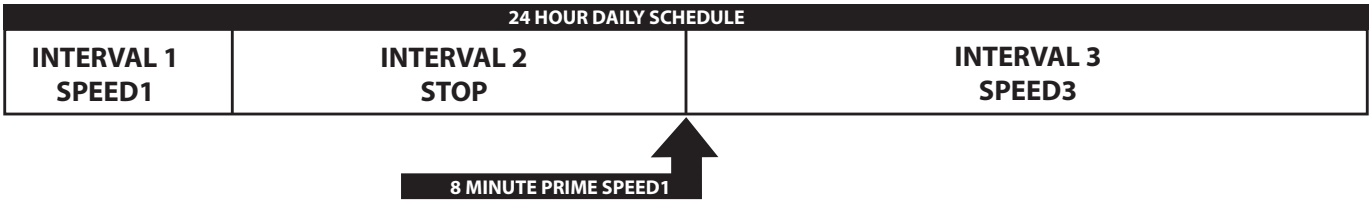
## Priming Mode

The XE pump has a built in self-priming feature which will cause the pump to operate at maximum speed for 8 minutes in order to self-prime after certain conditions.

The pump will prime when either of the following conditions are met:

- Power is first applied to the pump
  OR
- An interval with a programmed speed follows an interval which was set to (STOP)
  OR
- When completing programming or exiting override mode

**Example**:




The pump will prime at the start of Interval 3 for 8 minutes, since Interval 2 was set to STOP.

If the desire is to prevent the pump from entering the 8 minute self-prime sequence, then this feature may be disabled by pressing and holding the button for 10 seconds during normal operation. To enable, press and hold again for 10 seconds.

## Controlling the XE Pump with a Standard Timeclock

The XE line of pumps can be controlled by pump timers in the same manner as a typical single speed pump. The benefit of this configuration is that a timeclock with battery backup can ensure the start/stop time of the daily schedule in the event of power interruptions or routine maintenance. When using a pool pump timer, program your pump's three intervals to the desired settings. Set the timer to turn ON at the desired time of day. Set the timer to turn OFF 15 minutes earlier than the ON setting. Pump programming can be used to further customize the schedule similar to automation. Refer to your timeclock manufacturer's manual for wiring information.

## Controlling the XE pump with a Pool Automation Control

The XE line of pumps can be controlled by automation controls using an ON/OFF output. This operation uses the automation control's high voltage relay to apply/remove power to the pump. If your pool automation control features a schedule function for the relay output, the pump can be turned on and off daily at preset times and be allowed to run for a fixed amount of time. Because there is no means of communication to the XE pumps, the automation control will not be able to offer remote programming or speed control, it will only turn the pump on and off to run the programmed daily schedule.

The most common application may be to run the pump at a single speed by setting all Interval speeds the same and have the pool control power it on and off each day. If various speeds are desired, combine Interval programming with the pool control's schedule to gain more control over the pump's operation. For example, you can control the exact amount of run time and end the operation in the middle of any Interval. Restarting the pump will always restart the daily schedule at Interval 1 so running two or more schedules in one day will allow you to repeat Interval(s) within a 24 hour period. This type of control is not available if the pump is connected to constant power.

When using a pool automation control, input wiring to the XE pump shown on page 8 will come directly from the relay output of the control. Refer to your specific pool control's manual for these wiring instructions.

# Troubleshooting

**Motor does not restart right away after power cycling and the LED is blinking**

1. When removing power, ensure the LED turns off completely by waiting at least 30 seconds before reapplying power to the pump.

**Motor Will NOT Start**

1. Check wiring according to the diagrams on page 8. Verify input voltage to the pump.
2. Be sure the pump is wired for the available field supply voltage/current according to the pump data nameplate.
3. Check for and correct any improper or loose wiring connections; open switches or relays; tripped circuit breakers, or blown fuses.
4. Manually check the rotation of the motor shaft for free movement and lack of obstruction. Correct if necessary.

**Motor shuts OFF and LED is not Solid ON**

1. Check for low voltage or power drop at the motor (frequently caused by undersized wiring). Contact a qualified professional to verify the electrical connections.

**Motor Hums, But Does NOT Start**

1. Impeller jammed with debris. Have a qualified repair professional open the pump and remove the debris.

**Pump Won't Prime**

1. Empty pump/strainer housing. Make sure the pump/strainer housing is filled with water and the cover o-ring is clean. Ensure the o-ring is properly seated in the cover o-ring groove. Ensure the o-ring sealing surface is lubricated with "Jack's 327" and that the strainer cover is locked firmly in position. Lubricant will help to create a tighter seal.
2. Loose connections on the suction side. Tighten the pipe/union connections.
   Note: Any self-priming pump will not prime if there are suction air leaks. Leaks will result in bubbles emanating from the return fittings on the pool wall.
3. Leaking O-ring or packing glands on valves. Tighten, repair, or replace the valves.
4. Strainer basket or skimmer basket loaded with debris. Remove the strainer housing cover or the skimmer cover. Clean the basket, and refill the strainer housing with water. Tighten the cover.
5. Suction side clogged. Contact a qualified repair professional. You should have 5" - 6" of vacuum at the strainer cover (your pool dealer can confirm this with a vacuum gauge). You may be able to check by removing the skimmer basket and holding an object over the bottom port with the skimmer full and the pump running. If no suction is felt, check for line blockage.
   a. If the pump develops a vacuum, check for a blocked suction line or a dirty strainer basket. An air leak in the suction piping may be the cause.
   b. If the pump does not develop a vacuum and the pump has sufficient "priming water":
      i. Re-check the strainer housing cover and all threaded connections for suction leaks. Check if all system hose clamps are tight.
      ii. Check voltage to ensure that the motor is rotating at full rpm's.
      iii. Open the housing cover and check for clogging or obstruction in suction. Check the impeller for debris.
      iv. Remove and replace the shaft seal only if it is leaking.

**Low Flow – Generally**

1. Clogged or restricted strainer or suction line. Contact a qualified repair professional.
2. Undersized pool piping. Correct the piping size.
3. Plugged or restricted discharge line of 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.
4. Air leak in suction (bubbles issuing from return fittings). Re-tighten the suction and discharge connections using PTFE tape. Inspect other plumbing connections, and tighten as required.
5. Plugged, restricted, or damaged impeller. Replace the impeller including a new seal assembly.

**Noisy Pump**

1. Air leak in suction piping, cavitations caused by restricted or undersized suction line or leak at any joint, low water level in pool, and unrestricted discharge return lines. Correct the suction condition or throttle return lines, if practical. Holding your hand over the return fitting 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. Loose stones/debris hitting the impeller could be the cause. Clean the pump housing.
4. 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.

## System Errors

During normal operation (not programming mode), the XE pump can communicate errors through its LED Indicator. Errors are displayed by flashing the LED. The number of flashes will indicate the type of error as shown in the table below.

| # of Flashes | Error Condition | Troubleshooting Steps |
|---|---|---|
| 1 | DC voltage out of range | Indicates that internal DC bus voltage is either too high or too low. Verify that line voltage is within 10% of pump rated voltage at the terminal block. Also, verify that power supply connections are properly made at the circuit breaker as well as at the terminal block, and that the voltage change jumper is set correctly for the intended line voltage connection. |
| 2 | Motor current too high | Indicates that motor current is too high. Check impeller, diffuser, shaft seal, and motor for any issues or binding. |
| 3 | IPM temperature too high | Indicates that the internal components of the motor drive have become overheated. Motor airflow path should be checked for obstructions and cleared if present. Also, check ambient temperature and verify against motor nameplate. |
| 4 | Pump has stalled | Indicates that the motor drive has lost control over motor shaft rotation, or that the motor drive was not able to start the motor. Check impeller, diffuser, shaft seal, and motor for any issues or binding. |
| 5 | Internal motor/drive failure | Indicates that there is a problem within the motor and/or motor drive assembly, and that the motor/drive assembly may need to be replaced. Contact Hayward Technical Service for additional assistance. |

Note: All errors can be manually reset by pressing the button when the error is shown, or by cycling power applied to the pump after the error has occurred. If the troubleshooting steps listed above do not help to resolve the error condition, then the problem may be internal to the motor/drive. Contact Hayward Technical Service at (908) 355-7995 for additional assistance.

# Maintenance

- Clean strainer basket regularly. Do NOT strike basket. Inspect cover gasket regularly and replace as necessary.
- Hayward pumps have self-lubricating motor bearings and shaft seals. No lubrication is necessary.
- Keep motor clean. Keep motor air vents free of obstructions to avoid damage. Do NOT use water to hose off motor.
- Occasionally, shaft seals must be replaced, due to wear or damage. Replace with genuine Hayward seal assembly kit. See “Shaft Seal Change Instructions” in this manual.

# Storage / Winterization

**⚠ WARNING** – Separation Hazard. Do not purge the system with compressed air. 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.

**⚠ ATTENTION** – Allowing the pump to freeze with water in it will void the warranty.

**⚠ ATTENTION** – Use ONLY propylene glycol as antifreeze 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. Failure to disconnect power may result in serious personal injury or death.

1. Drain water level below all inlets to the pool.
2. Remove drain plugs and strainer cover from strainer housing.
3. Disconnect pump from mounting pad, wiring (after power has been turned OFF), and piping.
4. Once the pump is fully drained of water, re-install the strainer cover and drain plugs. Store pump in a dry area.

# Shaft Seal Change Instructions - TriStar XE

**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

- ⚠ **WARNING** – To reduce risk of injury, do not permit children to use this product.
- Disconnect all electrical power service to pump before beginning shaft seal replacement.
- Only qualified personnel should attempt rotary seal replacement. Contact your local authorized Hayward Dealer or service center if you have any questions.

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.

*Removing the Motor Assembly*

1. Remove the six (6) 5/16" x 2" hex head bolts, which hold the motor assembly to the pump/strainer housing, using a 1/2" wrench or socket.
2. Slide the motor assembly out of the pump/strainer housing, exposing the diffuser. Remove the two diffuser screws, and pull the diffuser off of the seal plate to expose the impeller.

*Removing the Impeller*

3. To prevent the motor shaft from turning, secure using a 5/16" hex wrench in the socket on the motor shaft.
4. Rotate the impeller screw clockwise (note that screw has left-hand thread) and remove. Remove the impeller by rotating counterclockwise.

*Removing the Ceramic Seat*

5. Remove the spring seal assembly and seal plate from the motor by removing the four (4) 3/8" x 1" bolts that secure it to the motor, using a 9/16" wrench or socket. Remove the motor support bracket from the seal plate.
6. Press the ceramic seat with rubber cup out of the seal plate. Use a small screwdriver to tap seal out.
   **STOP** - Clean all recesses & parts to be reassembled. Inspect gaskets & replace if necessary.

*Seal Installation*

7. Clean and lightly lubricate the motor shaft and seal recesses in the seal plate with a dilute solution of non-granulated liquid-type soap. Gently wipe the polished face of the ceramic seal with a soft cotton cloth. Lubricate the rubber cup on the ceramic seat and press it firmly into the recess of the seal plate, with the polished ceramic surface facing out.
8. Reassemble the motor to the seal plate using the four (4) 3/8" x 1" bolts, and re-attach the motor support to the seal plate. Ensure that the upper two housing bolts are installed in the seal plate prior to mounting the motor to the seal plate.
9. Gently wipe the black, polished surface of the spring seal assembly with a soft cotton cloth.
10. Press the spring seal assembly onto the motor shaft, with the black polished surface facing the ceramic seat.

*Replacing the Impeller and Diffuser*

11. Screw the impeller onto the motor shaft in a clockwise direction, and screw the impeller screw into the motor shaft in a counterclockwise direction. Tighten snugly by holding motor shaft with wrench as noted in step #4. Place the impeller ring back onto the impeller, with flange facing towards the diffuser.
12. Place the diffuser over the impeller and onto the seal plate, aligning the three pins on the diffuser with the three holes on the seal plate. Replace the two diffuser screws.

*Replacing the Motor Assembly*

13. Slide the motor assembly, with the diffuser in place, into pump/strainer housing, being careful not to disturb the diffuser gasket.
14. Fasten assembly to pump/strainer housing using the six (6) 5/16" x 2" bolts. (Be sure housing gasket is in place, and lubricated. Replace if damaged). Tighten bolts alternately and evenly to 185 inch-pounds according to housing bolt torque pattern detail.

# Shaft Seal Change Instructions - MaxFlo XE

**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.

- ⚠ **WARNING**– To reduce risk of injury, do not permit children to use this product.
- Disconnect all electrical power service to pump before beginning shaft seal replacement.
- Only qualified personnel should attempt rotary seal replacement. Contact your local authorized Hayward Dealer or service center if you have any questions.

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.

*Removing the Motor Assembly*

1. Remove the four (4) 5/16" x 1.75" hex head bolts, which hold the motor assembly to the pump/strainer housing, using a 1/2" wrench or socket.
2. Slide the motor assembly out of the pump/strainer housing, exposing the diffuser. Remove the three (3) diffuser screws and pull the diffuser off of the seal plate to expose the impeller.

*Removing the Impeller*

3. To prevent the motor shaft from turning, remove the wiring compartment cover, and secure the shaft using a 5/16" hex wrench.
4. Remove the impeller by rotating counterclockwise.

*Removing the Ceramic Seat*

5. Remove the spring seal assembly and seal plate from the motor by removing the four (4) 3/8" x 1" bolts that secure it to the motor, using a 9/16" wrench or socket.
6. Press the ceramic seat with rubber cup out of the seal plate. If tight, use a small screwdriver to tap seal out.

STOP - Clean all recesses & parts to be reassembled. Inspect gaskets & replace if necessary.

*Seal Installation*

7. Clean and lightly lubricate the motor shaft and seal recesses in the seal plate with a dilute solution of non-granulated liquid-type soap. Gently wipe the polished face of the ceramic seal with a soft cotton cloth. Lubricate the rubber cup on the ceramic seat and press it firmly into the recess of the seal plate, with the polished ceramic surface facing out.
8. Reassemble the motor to the seal plate using the four (4) 3/8" x 1" bolts. Torque the bolts to 100 in-lbs.
9. Gently wipe the black, polished surface of the spring seal assembly with a soft cotton cloth.
10. Press the spring seal assembly onto the motor shaft, with the black polished surface facing the ceramic seat.

*Replacing the Impeller and Diffuser*

11. Screw the impeller onto the motor shaft in a clockwise direction. Tighten snugly by holding motor shaft with wrench as noted in step #3. Replace the wiring compartment cover.
12. Place the diffuser over the impeller and onto the seal plate, aligning the three (3) pins with the matching holes in the seal plate. Note: Flat side of diffuser rim will face up. Replace the three (3) diffuser screws and torque to 20 in-lbs.

*Replacing the Motor Assembly*

13. Slide the motor assembly, with the diffuser in place, into pump/strainer housing, being careful not to disturb the diffuser gasket.
14. Fasten assembly to pump/strainer housing using the four (4) 5/16" x 1.75" bolts. (Be sure housing gasket is in place, and lubricated. Replace if damaged). Tighten bolts alternately and evenly to 185 inch-pounds. Looking at the back of the pump, start with the top right, move diagonal to the bottom left, then up to the top left and last across to the bottom right.

# Shaft Seal Change Instructions - Super Pump XE

**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.

- ⚠ **WARNING** – To reduce risk of injury, do not permit children to use this product.
- Disconnect all electrical power service to pump before beginning shaft seal replacement.
- Only qualified personnel should attempt rotary seal replacement. Contact your local authorized Hayward Dealer or service center if you have any questions.

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.

*Removing the Motor Assembly*

1. Remove the four (4) 3/8" x 2" hex head bolts, which hold the motor assembly to the pump/strainer housing, using a 9/16" wrench or socket.
2. Slide the motor assembly out of the pump/strainer housing, exposing the diffuser. Pull the diffuser off of the seal plate to expose the impeller.

*Removing the Impeller*

3. To prevent the motor shaft from turning, remove the wiring compartment cover, and secure the shaft using a 5/16" hex wrench. Remove the impeller by rotating counterclockwise.

*Removing the Ceramic Seat*

4. Remove the spring seal assembly from the impeller and remove the seal plate from the motor.
5. Press the ceramic seat with rubber cup out of the seal plate. If tight, use a small screwdriver to tap seal out.

STOP - Clean all recesses & parts to be reassembled. Inspect gaskets & replace if necessary.

*Seal Installation*

6. Clean and lightly lubricate the motor shaft and seal recesses in the seal plate with a dilute solution of non-granulated liquid-type soap. Gently wipe the polished face of the ceramic seal with a soft cotton cloth. Lubricate the rubber cup on the ceramic seat and press it firmly into the recess of the seal plate, with the polished ceramic surface facing out.
7. Reassemble the motor to the seal plate.
8. Gently wipe the black polished surface of the spring seal assembly with a soft cotton cloth.
9. Press the spring seal assembly onto the impeller shaft, with the black polished surface facing the ceramic seat.

*Replacing the Impeller and Diffuser*

11. Screw the impeller onto the motor shaft in a clockwise direction. Tighten snugly by holding motor shaft with wrench as noted in step #3. Replace the wiring compartment cover
12. Place the diffuser over the impeller onto the seal plate

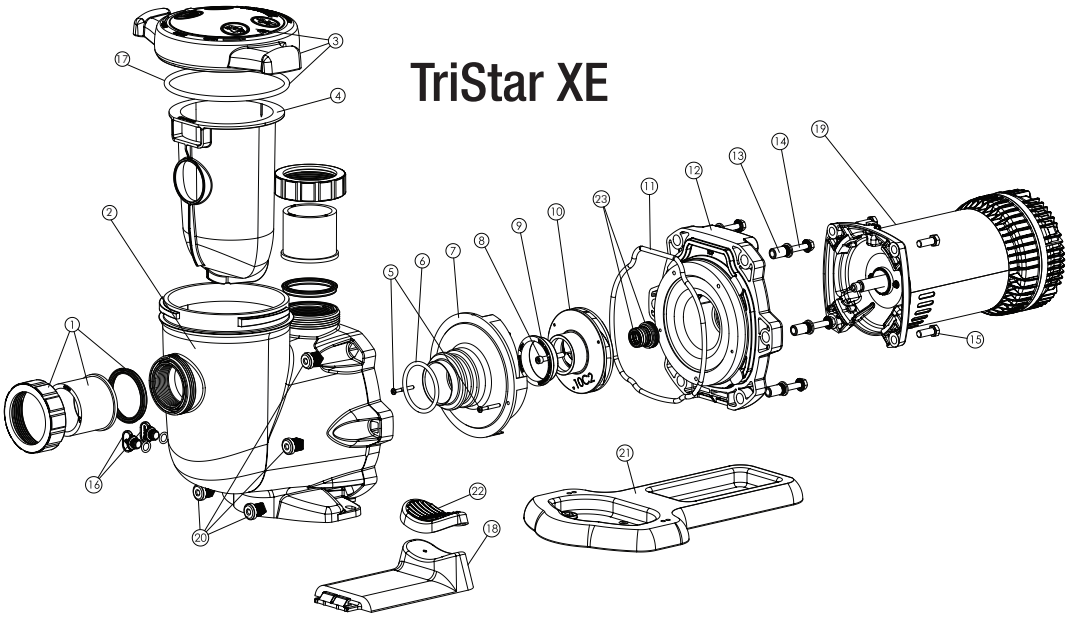
*Replacing the Motor Assembly*

14. Slide the motor assembly, with the diffuser in place, into pump/strainer housing, being careful not to disturb the diffuser gasket.
15. Fasten assembly to pump/strainer housing using the four (4) 3/8" x 2" bolts. (Be sure housing gasket is in place, and lubricated. Replace if damaged). Tighten bolts alternately and evenly to 80 inch-pounds. Looking at the back of the pump, start with the top right, move diagonal to the bottom left, then up to the top left and last across to the bottom right.

HAYWARD®

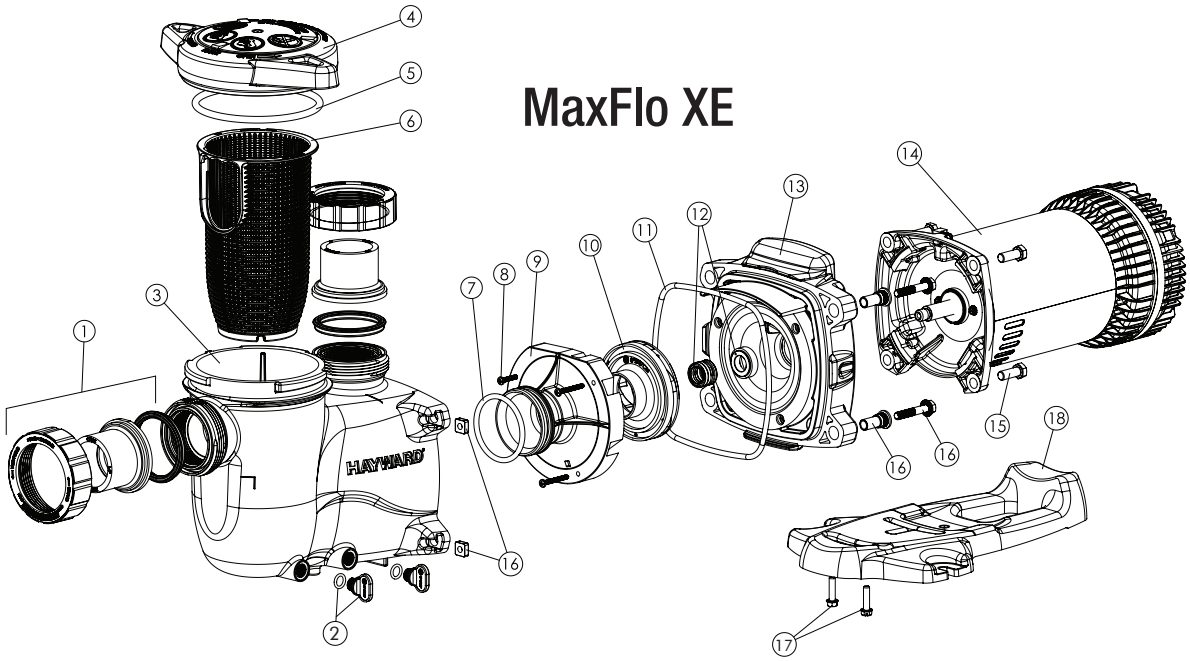
# Replacement Parts

## TriStar XE



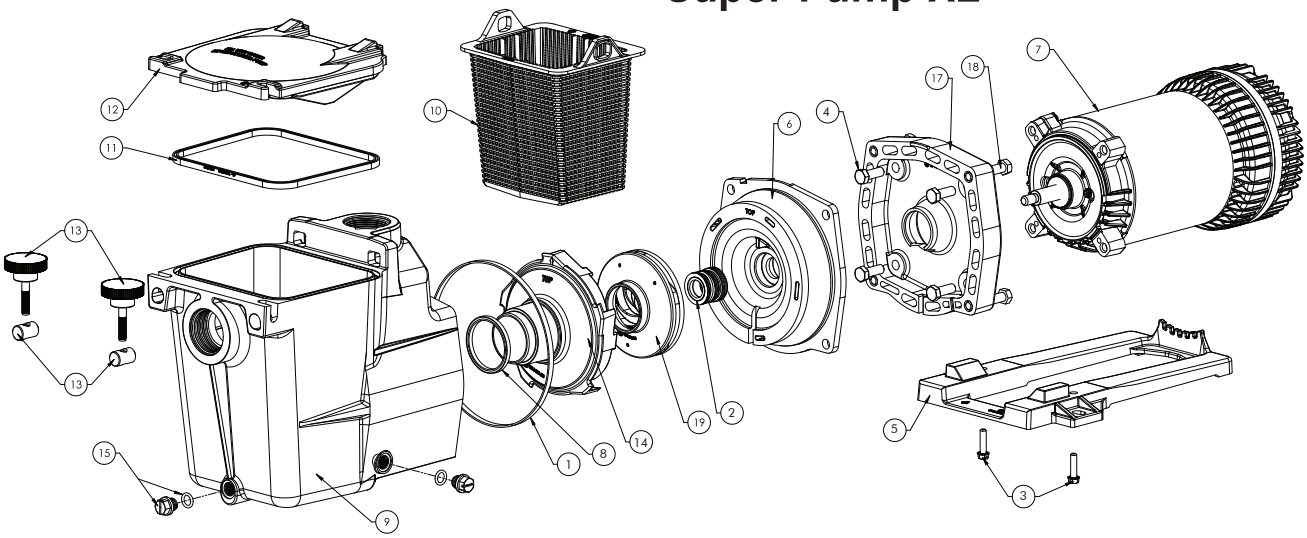

| Ref. No. | Part No. | Description |
|---|---|---|
| 1 | SPX3200UNKIT | Union Connector Kit (Includes 2 Nuts, Connectors & Gaskets) |
| 2 | SPX3200A | Pump Strainer Housing, 2" x 2 1/2" with Drain Plugs |
| 3 | SPX3200DLS | Strainer Cover Kit (Includes Strainer Cover, Lock Ring & O-Ring) |
| 4 | SPX3200M | Strainer Basket |
| 5 | SPX3200Z8 | Diffuser Screw |
| 6 | SPX4000Z1 | Diffuser O-Ring |
| 7 | SPX3200B3 | Diffuser |
| 8 | SPX3200Z1 | Impeller Screw |
| 9 | SPX3021R | Impeller Ring |
| 10A | SPX3207C | 1.25THP Impeller with Impeller Screw |
| 10B | SPX3210C | 1.85THP Impeller with Impeller Screw |
| 10C | SPX3215C | 2.25THP Impeller with Impeller Screw |
| 11 | SPX3200T | Housing O-Ring |
| 12 | SPX3200E | Seal Plate |
| 13 | SPX3200Z211 | Housing Insert/Seal Plate Spacer Kit |
| 14 | SPX3200Z3 | Housing Bolt |
| 15 | SPX3200Z5PAK4 | Motor Bolt (package of 4) |
| 16 | SPX4000FG | Drain Plug with O-Ring |
| 17 | SPX3200S | Strainer O-Ring |
| 18 | SPX3200GA | Motor Support |
| 19A | SPX3207X10XEPE | 1.25 HP Power End includes #5-#12, #15, #18, #19, #22, #23 |
| 19B | SPX3210X15XEPE | 1.85 HP Power End includes #5-#12, #15, #18, #19, #22, #23 |
| 19C | SPX3215X20XEPE | 2.25 HP Power End includes #5-#12, #15, #18, #19, #22, #23 |
| 20 | SPX3200Z211 | Housing Insert/Seal Plate Spacer Kit |
| 21A | SPX3200WF | Optional Riser Base (aligns with Pentair® WhisperFlo® pump*) |
| 21B | SPX3200SR | Optional Riser Base (aligns with Pentair® WhisperFlo® pump*) |
| 22 | SPX3200Q2 | Motor Support Adapter |
| 23A | SPX3200SA | Shaft Seal Assembly |
| 23B | SPX4000SAV | Shaft Seal Assembly (Viton) |

# MaxFlo XE




| Ref. No. | Part No. | Description |
|---|---|---|
| 1 | SPX2700UNKIT | Union Connector Kit (Includes 2 Nuts, Connectors & Gaskets) |
| 2 | SPX4000FG | Drain Plug with O-Ring |
| 3 | SPX2300AA | Pump Strainer Housing with Drain Plugs |
| 4 | SPX2300DLS | Strainer Cover Kit (Includes Strainer Cover, Lock-Ring & O-Ring) |
| 5 | SPX2300Z4 | Strainer Cover O-Ring |
| 6 | SPX2300M | Strainer Basket |
| 7 | SX220Z2 | Diffuser O-Ring |
| 8 | SPX2300Z3PAK3 | Diffuser Screws (3 Pack) |
| 9 | SPX2300B | Diffuser |
| 10A | SPX2710CM | 1.65 THP Impeller |
| 10B | SPX2715CM | 2.25 THP Impeller |
| 11 | GMX600F | Housing O-Ring |
| 12A | SPX2700SA | Shaft Seal Assembly |
| 12B | SPX2700SAV | Shaft Seal Assembly (Viton) |
| 13 | SPX2300E | Seal Plate |
| 14A | SPX2310X15XEPE | 1.65 HP Power End includes #7-#15 |
| 14B | SPX2315X20XEPE | 2.25 HP Power End includes #7-#15 |
| 15 | SPX3200Z5PAK4 | Motor Bolt (package of 4) |
| 16 | SPX2700ZPAK | Hardware Pack (Includes 4 Housing Bolts, Seal-Plate Spacers & Square Nuts) |
| 17 | SPX1600Z52 | Motor Support Base Mount Screws |
| 18 | SPX2300G | Motor Support (VSP) with Base Mount Screws |

# Super Pump XE




| Ref. No. | Part No. | Description |
|---|---|---|
| 1 | SPX1600T | Housing Gasket |
| 2A | SPX1600Z2 | Shaft Seal Assembly |
| 2B | SPX1600Z2VIT | Shaft Seal Assembly (Viton) |
| 3 | SPX1600Z52 | Mounting Foot Screws (Set of 2) |
| 4 | SPX3200Z5PAK4 | Motor Cap Screws (Set of 4) |
| 5 | SPX2600G1 | Mounting Foot, VSP (Includes Screws) |
| 6 | SPX2600E5 | Seal Plate |
| 7A | SPX2610X15XEPE | 1.65 HP Power End includes #2, #4, #6-#8, #14, #17, #19 |
| 7B | SPX2615X20XEPE | 2.25 HP Power End includes #2, #4, #6-#8, #14, #17, #19 |
| 8 | SPX1600R | Diffuser Gasket |
| 9 | SPX1620AA | Pump Strainer Housing With Gasket |
| 10 | SPX1600M | Basket |
| 11 | SPX1600S | Strainer Cover Gasket |
| 12 | SPX1600D | Strainer Cover |
| 13 | SPX1600PN | Swivel Nut & Hand Knob |
| 14 | SPX2600B | Diffuser |
| 15 | SPX1700FG | Drain Plug with Gasket |
| 17 | SPX1600F5 | Motor Mounting Plate |
| 18 | SPX1600Z4 | Housing Cap Screw |
| 19A | SPX2610C | 1.65 THP Impeller |
| 19B | SPX2615C | 2.25 THP Impeller |

Supplier's Declaration of Conformity

47 CFR § 2.1077 Compliance Information

Unique Identifier: TriStar XE, MaxFlo XE, Super Pump XE
FCC Responsible Party:
Hayward Pool Product
400 Connell Drive, Suite 6100
Berkeley Heights, NJ 07922
hayward.com

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by Hayward could void the user's authority to operate this equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.

-- Increase the separation between the equipment and receiver.

-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-- Consult the dealer or an experienced radio / TV technician for help.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For further information or consumer
technical support,  visit our website at
www.hayward.com
US: 908-355-7995

HAYWARD®

Tristar XE, MaxFlo XE and Super Pump XE are registered trademarks
of Hayward Industries, Inc. © 2023 Hayward Industries, Inc.

All other trademarks not owned by Hayward are the property of their respective owners. Hayward is not in any way
affiliated with or endorsed by those third parties. For patent information, refer to www.hayward.com/patents.