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> [Hayward SP2605X7 Super Pump 0.75 HP Pool Pump Instruction Manual](#)

## Hayward SP2605X7

# Hayward SP2605X7 Super Pump 0.75 HP Pool Pump Instruction Manual

Model: SP2605X7 | Brand: Hayward

## INTRODUCTION

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The Hayward SP2605X7 Super Pump is designed for efficient and dependable operation in inground pools of all types and sizes. This manual provides essential information for the safe installation, operation, and maintenance of your pool pump, ensuring optimal performance and longevity. Please read all instructions carefully before installation and use.

## PRODUCT OVERVIEW

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The Hayward Super Pump is recognized for its reliability and performance. Key features include:

- **Reliable Performance:** A proven design for consistent and efficient pool water circulation.
- **Easy Strainer Cover Removal:** Exclusive swing-away hand knobs allow for quick and tool-free access to the strainer basket, eliminating loose parts and clamps.
- **Transparent Strainer Cover:** A clear cover enables easy visual inspection of the strainer basket, indicating when cleaning is required.
- **Oversized Debris Basket:** Provides extra leaf-holding capacity, reducing the frequency of maintenance.
- **Simple Installation & Servicing:** Designed for ease of installation and maintenance with quick 4-bolt access to internal components.



*Image: Hayward SP2605X7 Super Pump 0.75 HP Pool Pump. This image shows the complete pump unit with its motor, housing, and transparent strainer cover.*

## SETUP AND INSTALLATION

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Proper installation is crucial for the safe and efficient operation of your Hayward Super Pump. It is highly recommended that installation be performed by a qualified pool professional or a licensed electrician/plumber, in accordance with all local and national electrical and plumbing codes.

1. **Location:** Install the pump as close to the pool as possible to minimize friction loss from long suction lines. Ensure the location is well-ventilated, protected from excessive moisture, and allows for adequate access for servicing.
2. **Mounting:** Securely mount the pump to a firm, level base to prevent vibration and stress on plumbing.
3. **Plumbing:** Use appropriate PVC fittings and pipe sizes to match the pump's inlet and outlet ports. Ensure all connections are watertight and properly sealed. Incorporate unions for easy removal during servicing.
4. **Electrical Wiring:** Connect the pump to a dedicated electrical circuit protected by a Ground Fault Circuit Interrupter (GFCI). Ensure the voltage and amperage match the pump's requirements (0.75 HP, single-speed). All wiring must comply with local electrical codes.
5. **Priming:** Before starting the pump for the first time, fill the strainer housing with water to prime the pump. This prevents dry running and potential damage.

Refer to the detailed wiring diagrams and plumbing instructions provided in the full manufacturer's manual for specific guidance.

## OPERATING INSTRUCTIONS

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Once properly installed and primed, operating your Super Pump is straightforward:

1. **Initial Start-up:** Ensure all valves are open to allow water flow to and from the pump. Turn on the power at the circuit breaker. The pump should start drawing water and establish flow.

- Run Time:** The optimal run time for your pool pump depends on factors such as pool size, bather load, and environmental conditions. A general guideline is to run the pump long enough to circulate the entire volume of pool water at least once per day (typically 8-12 hours).
- Monitoring:** Regularly check the pressure gauge on your filter (if applicable) and the water flow. A significant increase in pressure or decrease in flow may indicate a dirty filter or a blockage.
- Shut Down:** To turn off the pump, simply switch off the power at the dedicated switch or circuit breaker.

Always ensure the pump is off before performing any maintenance or inspection.

## MAINTENANCE

Regular maintenance will extend the life of your Hayward Super Pump and ensure clear pool water:

- Strainer Basket Cleaning:** The transparent strainer cover allows you to easily see when the basket is full. Turn off the pump, unscrew the swing-away hand knobs, remove the cover, empty the basket, and rinse it. Inspect the O-ring for cracks or wear, lubricate if necessary, and replace the cover securely.
- Motor Ventilation:** Ensure the motor's ventilation openings are clear of debris to prevent overheating.
- Shaft Seal:** The pump is equipped with a mechanical shaft seal. If you notice water leaking from the pump shaft area, the seal may need replacement. This is typically a task for a qualified technician.
- Winterization:** In colder climates, the pump must be properly winterized to prevent freeze damage. This involves draining all water from the pump and plumbing, and storing the pump in a warm, dry place if necessary. Consult your local pool professional for specific winterization procedures.

## TROUBLESHOOTING

If your pump is not operating correctly, consider the following common issues:

Problem	Possible Cause	Solution
Pump does not start	No power, tripped breaker, faulty wiring, motor issue.	Check power supply, reset breaker, inspect wiring (by professional), contact service.
Pump runs but no water flow	Not primed, clogged strainer basket, closed valves, air leak in suction line.	Prime pump, clean basket, open valves, check for leaks.
Low water flow	Dirty filter, clogged impeller, partially closed valves, undersized plumbing.	Clean filter, inspect impeller, open valves fully, consult professional for plumbing.
Excessive noise or vibration	Air leak, cavitation, worn bearings, loose mounting.	Check for air leaks, ensure proper water level, contact service for bearings, tighten mounting bolts.
Water leaking from pump	Worn shaft seal, loose fittings, cracked housing.	Replace shaft seal (by professional), tighten fittings, inspect housing for damage.

For issues not listed or if solutions do not resolve the problem, contact Hayward customer support or a qualified pool service technician.

## SPECIFICATIONS

Feature	Detail
Brand	Hayward

Feature	Detail
Model Number	SP2605X7
Horsepower	0.75 HP
Style	Pool Pump
Power Source	Electric
Item Weight	31 Pounds
Product Dimensions	76"L x 24"W x 30"H
Material	Wax (Note: This material specification might be an error in the source data, as pool pumps are typically made of durable plastics and metals.)
Manufacturer	Hayward
GTIN/UPC	713976781865, 789610230495, 610377052641

## WARRANTY AND SUPPORT

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Hayward products are backed by a manufacturer's warranty. For specific warranty terms, conditions, and duration, please refer to the warranty card included with your product or visit the official Hayward website. Keep your proof of purchase for warranty claims. For technical assistance, replacement parts, or further support, please contact Hayward Customer Service directly. Contact information can typically be found on the product packaging or the official Hayward website.

## ADDITIONAL RESOURCES

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Your browser does not support the video tag.

*Video: Hayward: An American Story Since 1925. This video provides an overview of the Hayward brand's history and commitment to quality, showcasing their manufacturing processes and customer service.*