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› [Hayward](#) /

› Hayward SP5710 TurboFlo II Pump, 1 HP Instruction Manual

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Hayward SP5710 TurboFlo II Pump, 1 HP Instruction Manual

Model: SP5710 | Brand: Hayward

INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your Hayward SP5710 TurboFlo II Pump. Designed for above-ground swimming pools, the TurboFlo II pump offers reliable performance with its non-conductive, corrosion-proof motor housing and advanced design. Please read these instructions thoroughly before installation and use.

IMPORTANT SAFETY INFORMATION

WARNING: Always disconnect power to the pump before performing any service or maintenance. Failure to do so can result in serious injury or death.

- Ensure all electrical connections are made by a qualified electrician and comply with local codes.
- The pump must be installed on a solid, level base to prevent vibration and stress on plumbing.
- Do not run the pump dry. Ensure the pump is primed with water before starting.
- Keep children away from the pump and all pool equipment.
- The motor housing is corrosion-proof, but avoid direct water spray onto electrical components.

SETUP AND INSTALLATION

The Hayward SP5710 TurboFlo II Pump is designed for easy installation. Follow these steps for proper setup.

1. Location Selection

Choose a location that is well-drained, protected from excessive moisture, and allows for adequate ventilation around the motor. The pump should be as close to the pool as possible to minimize friction loss from long suction lines.

2. Mounting the Pump

Mount the pump on a firm, level base to ensure stability and reduce noise and vibration. Secure the pump to the base using appropriate hardware.



Image 1: The Hayward SP5710 TurboFlo II Pump, 1 HP, shown installed on a concrete pad, connected to pool plumbing. Note the clear strainer cover and the robust motor housing.

3. Plumbing Connections

Connect the pump to your pool's plumbing system. Ensure all connections are tight and leak-free. Use appropriate sealants for threaded connections. The pump is designed with 1.5-inch connections.

4. Electrical Connections

The Hayward SP5710 is a corded electric pump. All electrical wiring must be performed by a licensed electrician and conform to local electrical codes. Ensure the power supply matches the pump's voltage requirements. The pump must be properly grounded.

OPERATING INSTRUCTIONS

1. Priming the Pump

Before starting the pump for the first time, or after cleaning the strainer basket, it is crucial to prime the pump.

1. Ensure all valves are open to allow water flow from the pool to the pump.

2. Remove the clear strainer cover by rotating the exclusive quad lock cover counter-clockwise.
3. Fill the strainer housing with water until it overflows.
4. Replace the strainer cover, ensuring the O-ring is properly seated and the cover is securely tightened.
5. Turn on the pump. Water should begin to flow within a few minutes. If not, turn off the pump and repeat the priming process.

2. Normal Operation

Once primed, the pump will operate quietly, circulating water through your pool's filtration system. Monitor the pressure gauge on your filter (if applicable) to determine when backwashing or filter cleaning is required. The clear strainer cover allows you to easily see when the strainer basket needs cleaning.

MAINTENANCE

1. Cleaning the Strainer Basket

The large leaf holding capacity strainer basket extends the time between cleanings. However, regular inspection and cleaning are essential for optimal pump performance.

1. Turn off the pump and disconnect power.
2. Close any necessary valves to prevent water flow from the pool.
3. Rotate the quad lock strainer cover counter-clockwise and remove it.
4. Lift out the strainer basket.
5. Empty debris from the basket and rinse it thoroughly with water.
6. Inspect the O-ring on the cover for cracks or wear. Replace if necessary.
7. Place the clean basket back into the strainer housing.
8. Replace the cover, ensuring the O-ring is properly seated, and tighten the quad lock cover clockwise until secure.
9. Re-open valves and re-prime the pump before restarting.

2. Motor and Bearings

The TurboFlo II pump features self-lubricating motor bearings and shaft seals, eliminating the need for additional lubrication. The corrosion-proof motor housing provides long-lasting protection.

3. Winterization

Before freezing temperatures arrive, the pump must be properly winterized to prevent damage.

- Turn off the pump and disconnect power.
- Drain all water from the pump by removing the drain plugs (if applicable) and disconnecting plumbing.
- Store the pump in a dry, protected area where it will not freeze.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not start	No power; tripped breaker; motor overload; faulty wiring.	Check power supply and breaker. Allow motor to cool if overloaded. Consult an electrician for wiring issues.

Problem	Possible Cause	Solution
Pump runs but does not prime or moves little water	Low water level; air leak in suction line; clogged strainer basket; closed valves.	Ensure adequate water level. Check all connections for air leaks. Clean strainer basket. Open all necessary valves. Re-prime the pump.
Excessive noise or vibration	Loose mounting; cavitation (air in pump); worn bearings (unlikely due to self-lubricating design).	Tighten mounting bolts. Check for air leaks in suction line and ensure proper priming.
Water leak at pump	Loose connections; damaged O-ring or seal.	Tighten plumbing connections. Inspect and replace O-rings or seals as needed.

SPECIFICATIONS

- Model: SP5710
- Brand: Hayward
- Horsepower: 1 HP
- Power Source: Corded Electric
- Material: Plastic
- Color: Black
- Item Type: Pool Pump
- Manufacturer Part Number: SP5710

WARRANTY INFORMATION

Specific warranty details for the Hayward SP5710 TurboFlo II Pump are typically provided with the product packaging or available on the official Hayward website. Please refer to your product documentation for the most accurate and up-to-date warranty terms and conditions.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further inquiries regarding your Hayward SP5710 TurboFlo II Pump, please contact Hayward customer support.

- Website: www.hayward.com
- Phone: Refer to the Hayward website or product packaging for regional contact numbers.

