

CIPU SFPS14502

CIPU 14-inch Sand Filter System

Model: SFPS14502

INTRODUCTION

Thank you for choosing the CIPU 14-inch Sand Filter System. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new pool filter system. Designed for above-ground swimming pools, this system integrates a 14-inch filter tank with a powerful 0.5HP pump, ensuring crystal clear water with ease of use.



Figure 1: The CIPU 14-inch Sand Filter System, featuring the filter tank and pump unit, positioned beside an above-ground swimming pool.

The system is portable, operating on 115V, and includes a 6-foot power cord for flexible placement. Its 0.5HP high-efficiency pump ensures quiet operation and effective filtration for pools up to 9500 gallons. The reinforced thermoplastic housing provides corrosion resistance and long-lasting performance in all weather conditions.

Filters above ground pools up to 9500 Gallons



Figure 2: The filter system is compatible with various above-ground pool types, effectively filtering pools up to 9500 gallons.

Safety Information

Please read all instructions carefully before installing, operating, or performing maintenance on this product. Failure to follow these instructions could result in serious injury or property damage. This product is ETL certified, ensuring it meets recognized safety standards.

General Safety Precautions:

- Always disconnect power to the pump before performing any service or maintenance.
- Ensure the electrical outlet is a grounded, GFCI-protected receptacle.
- Do not operate the pump if the power cord or plug is damaged.
- Keep children away from the filter system during operation.
- Install the system on a firm, level surface to prevent tipping.
- Do not bury the power cord. Protect it from sharp edges, oil, grease, hot surfaces, and chemicals.

- Never run the pump dry. Ensure the pump is primed with water before starting.
- Consult a qualified electrician for any electrical questions or issues.

PACKAGE CONTENTS

Before beginning assembly, verify that all parts listed below are included in your package. If any parts are missing or damaged, please contact customer support.



Figure 3: Exploded view of the sand filter system components, showing all included accessories for assembly.

Ref. No.	Description	QTY
1	4-Way Valve	1
2	Flange Clamp	1
3	O-ring	1
4	Filter Tank	1
5	Filter Assembly	1
6	Drain Plug	1
7	Sand Filter Support	1
8	Screw ST5.5x25mm and Gasket	4
9	O-ring	5
10	Hose Adaptor	5
11	Hose Clamp	2
12	1 1/4"(32mm)x45cm hose	1
13	0.5HP Pump (115V-60Hz)	1
14	Sand Shield	1

Ref. No.	Description	QTY
15	Pressure Gauge	1
16	Plug W/O-ring 1 1/2# MIP	1
17	Teflon Tape	1
18	Short adapter	2
19	Short Adapter Gasket	2

SETUP AND INSTALLATION

Follow these steps to properly assemble and install your sand filter system.

Your browser does not support the video tag.

Video 1: A comprehensive guide to setting up the CIPU Sand Filter Pump System for above-ground pools, demonstrating assembly and connection steps.

Initial Assembly:

- 1. Install Drain Plug:** Attach the drain plug (6) to the bottom of the filter tank (4). Ensure the O-ring (9) is properly seated for a watertight seal.
- 2. Assemble Multi-Port Valve:** Attach the hose adaptors (10) to the 4-way valve (1) ports. Ensure O-rings (9) are in place.
- 3. Load Filter Media:** Place the sand shield (14) over the filter tube inside the tank. Carefully add fine silica sand (0.018 to 0.022 inches in size) into the filter tank. The 14-inch tank holds approximately 75 lbs of sand. Fill to the indicated level on the tank.
- 4. Attach 4-Way Valve:** Place the 4-way valve (1) onto the top of the filter tank (4), aligning the central pipe. Secure it with the flange clamp (2) and tighten the screws (8) evenly.
- 5. Install Pressure Gauge:** Screw the pressure gauge (15) into the designated port on the 4-way valve.
- 6. Mount Pump:** Secure the 0.5HP pump (13) to the sand filter support (7) using the provided screws (8) and washers.

14IN Filter Pump

Ideal for above ground pools water filtration



4-way control valve



Pressure detection



Drain hole



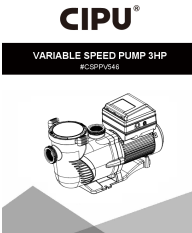
0.5HP Pool pump
5ft self-priming

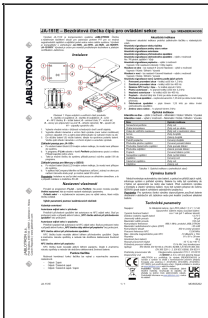
Figure 4: Key components of the 14-inch filter pump, including the 4-way control valve and pressure gauge.

Connecting to Pool:

1. **Hose Connections:** Connect the pool hoses (not included, use common 1.5" PVC tubing or discharge hoses) to the pump and filter system. The pump is designed for 1.5-inch threaded pool hoses or 1-1/2" or 1-1/4" pool hoses with clamps.
2. **Pump to Filter:** Connect the pump's discharge port to the

Related Documents - SFPS14502

	<p>CIPU CSPPV546 Variable Speed Pump 3HP User Manual</p> <p>Comprehensive user manual for the CIPU CSPPV546 Variable Speed Pump 3HP, covering installation, operation, maintenance, and troubleshooting. Learn about pump features, drive features, keypad operation, safety instructions, and technical specifications.</p>
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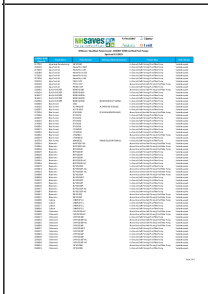
[JA-151E Bezdrátová čtečka čipů: Instalace a nastavení](#)

Podrobný průvodce instalací a nastavením bezdrátové čtečky čipů JABLOTRON JA-151E pro ovládání sekcí. Obsahuje technické parametry, optické a akustické indikace a postupy výměny baterií.



[ENERGY STAR Certified Pool Pumps List - NHSaves](#)

NHSaves provides a comprehensive list of ENERGY STAR certified pool pumps, detailing brand names, model numbers, product types, and motor designs to help consumers choose energy-efficient options.



[ENERGY STAR Certified Pool Pumps - NHSaves](#)

This document lists ENERGY STAR certified pool pumps, updated on August 1, 2025, featuring various brands, model numbers, and product types for energy-efficient pool pump selection.