

Jacuzzi L192C-7C

Jacuzzi Laser L192C-7C Sand Filter User Manual

Model: L192C-7C

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Jacuzzi Laser L192C-7C Sand Filter. This filter is designed by Carvin Pool Equipment for use with both in-ground and above-ground pools, ensuring clear and clean water.

The Laser L192C-7C sand filter features an upper distribution system integrated into the dial valve, engineered to direct water evenly across the entire sand surface at up to 25 gallons per minute per square foot without sand migration or channeling. It includes a non-corrosive resin clamp for easy installation and service, and an underdrain with side-slotted laterals for efficient water drawing and filtration. The heavy-duty, freeze-resistant hub and snap-fit laterals simplify maintenance. Its deep, high-capacity sand bed holds more debris, extending filter cycles. The blow-molded tank is corrosion-resistant and UV-resistant, ensuring durability. A 7-way dial valve with sight glass, automatic air relief, and pressure gauge provides comprehensive control. A bottom drain facilitates winterizing and draining.





Image 1.1: Front view of the Jacuzzi Laser L192C-7C Sand Filter, showcasing its compact design and top-mounted valve.

2. SAFETY INFORMATION

Always adhere to the following safety guidelines to prevent injury and damage to the equipment:

- Read all instructions before installation and operation.

- Ensure all electrical connections comply with local codes and standards.
- Disconnect power to the pump before performing any service or maintenance on the filter.
- Do not operate the filter if any part is damaged or missing.
- Maintain a minimum of 12 inches clearance on the sides and 18 inches clearance on top of the filter for proper service access.
- Never operate the filter at pressures exceeding the maximum recommended operating pressure.
- Keep children away from pool equipment during operation.

3. COMPONENTS OVERVIEW

The Jacuzzi Laser L192C-7C Sand Filter system typically includes the following main components:

- Filter Tank (Blow-molded, corrosion-resistant)
- 7-Way Dial Valve (Multiport Valve)
- Pressure Gauge
- Sight Glass
- Internal Laterals and Hub Assembly
- Drain Plug
- Hose and Hardware for connections



Image 3.1: Exploded view showing the main components of the Jacuzzi Laser L192C-7C Sand Filter, including the tank, valve, and internal assembly.

4. SETUP AND INSTALLATION

4.1. Site Selection

Choose a level, firm surface for the filter, preferably close to the pool pump. Ensure adequate space for

maintenance and service (12 inches on sides, 18 inches on top).

4.2. Sand Filling

1. Ensure the internal lateral assembly is properly seated at the bottom of the tank.
2. Place a plastic bag or cover over the standpipe opening to prevent sand from entering.
3. Carefully pour the recommended amount of filter sand (typically #20 silica sand) into the tank. Refer to the specifications section for the correct sand weight for model L192C-7C.
4. Remove the plastic bag/cover and clean any sand from the standpipe opening.

4.3. Valve Installation

1. Ensure the O-ring is properly seated on the bottom of the multiport valve.
2. Carefully align the valve with the standpipe and press down firmly until it seats properly on the tank opening.
3. Secure the valve to the tank using the non-corrosive resin clamp. Ensure the clamp is tightened securely and evenly.
4. Install the pressure gauge into the designated port on the valve.

4.4. Plumbing Connections

1. Connect the pool pump discharge to the

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