

Steinbach 040920

Steinbach SPS 75-1 040920 Filter Pump User Manual

Model: 040920 | Brand: Steinbach

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Steinbach SPS 75-1 Filter Pump. This self-priming pump is designed for use with pool filter systems, capable of handling pools up to 33,000 liters. It features a robust 230 V/450 W motor and a pump capacity of 8,520 liters per hour (142 l/min).

Please read this manual thoroughly before installation and operation to ensure proper use and to prevent damage to the unit or injury.

2. SAFETY INSTRUCTIONS

Always observe the following safety precautions to reduce the risk of fire, electric shock, or injury.

- **Electrical Safety:** Ensure the pump is connected to a properly grounded outlet. Do not operate the pump with a damaged power cord or plug. Disconnect power before performing any maintenance or service.
- **Water Temperature:** The pump is designed for a maximum water temperature of 35°C (95°F). Operating above this temperature can cause damage to the pump.
- **Placement:** Install the pump on a stable, level surface, away from direct sunlight and excessive moisture. Ensure adequate ventilation around the motor.
- **Children and Pets:** Keep children and pets away from the pump during operation.
- **Maintenance:** Only perform maintenance as described in this manual. For complex repairs, consult a qualified technician.

3. SETUP

Follow these steps for proper installation of your filter pump.

1. **Unpacking:** Carefully remove all components from the packaging. Inspect the pump for any signs of damage during transit.
2. **Placement:** Position the pump as close to the pool as possible, ensuring it is below the water level for optimal self-priming. The pump should be on a firm, level surface to prevent vibration.

3. **Hose Connections:** Connect the pool hoses to the pump's inlet and outlet ports. The pump supports hose diameters of 32mm and 38mm. Ensure all connections are tight to prevent leaks and maintain prime.



Figure 3.1: Close-up view of the pre-filter inlet with a hose connection, showing the clear cover and filter basket.



Figure 3.2: The pre-filter inlet without a hose attached, illustrating the threaded connection for secure fitting.



Figure 3.3: The pump's outlet connection with a hose securely fastened, ready for water discharge.



Figure 3.4: The pump's outlet port, showing the internal threading for hose attachment.



Figure 3.5: An overall perspective of the Steinbach SPS 75-1 Filter Pump, highlighting its compact design and key components.

- 4. **Priming the Pump:** As a self-priming pump, it will draw water once connected. However, for initial startup, it is recommended to fill the pre-filter housing with water to assist in faster priming.
- 5. **Electrical Connection:** Plug the pump into a suitable 230V electrical outlet. Ensure the circuit is protected by a Residual Current Device (RCD) for safety.

4. OPERATING INSTRUCTIONS

Once installed, operating the pump is straightforward.

- **Starting the Pump:** Turn on the power supply to the pump. The pump will begin to draw water and circulate it through your filter system.
- **Monitoring:** Observe the pump during its initial operation to ensure there are no leaks and that water is flowing correctly. The pump operates at approximately 70 dB.
- **Stopping the Pump:** Turn off the power supply to the pump.
- **Run Time:** The optimal run time for your pump depends on your pool size and usage. For a 33,000-liter pool, ensure sufficient daily filtration to maintain water clarity.

5. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your pump.

- **Pre-Filter Cleaning:** The pump is equipped with a pre-filter to catch larger debris. Regularly inspect and clean the pre-filter basket. To do this, turn off the pump, disconnect power, unscrew the clear lid, remove the basket, clean it, and reassemble. Ensure the O-ring is properly seated for a watertight seal.
- **Winterization:** Before freezing temperatures, drain all water from the pump and hoses. Store the pump in a dry, frost-free location.
- **General Cleaning:** Keep the exterior of the pump clean and free from dirt and debris. Do not use harsh chemicals.

6. TROUBLESHOOTING

If you encounter issues with your pump, refer to the following common problems and solutions.

Problem	Possible Cause	Solution
Pump does not start	No power supply Motor overload Impeller jammed	Check power connection and circuit breaker Allow motor to cool, check for obstructions Inspect and clear impeller
Low water flow	Clogged pre-filter Air leak in suction line Low water level in pool	Clean pre-filter basket Check all connections for tightness Add water to pool
Pump is noisy	Air in system Vibration Worn bearings	Bleed air from system, check for leaks Ensure pump is on a stable surface Contact qualified technician

Problem	Possible Cause	Solution
Pump loses prime	Air leak in suction line Low water level Clogged pre-filter	Check all connections and O-rings Ensure adequate water level Clean pre-filter basket

If the problem persists after attempting these solutions, please contact customer support or a qualified service technician.

7. SPECIFICATIONS

Technical data for the Steinbach SPS 75-1 Filter Pump.

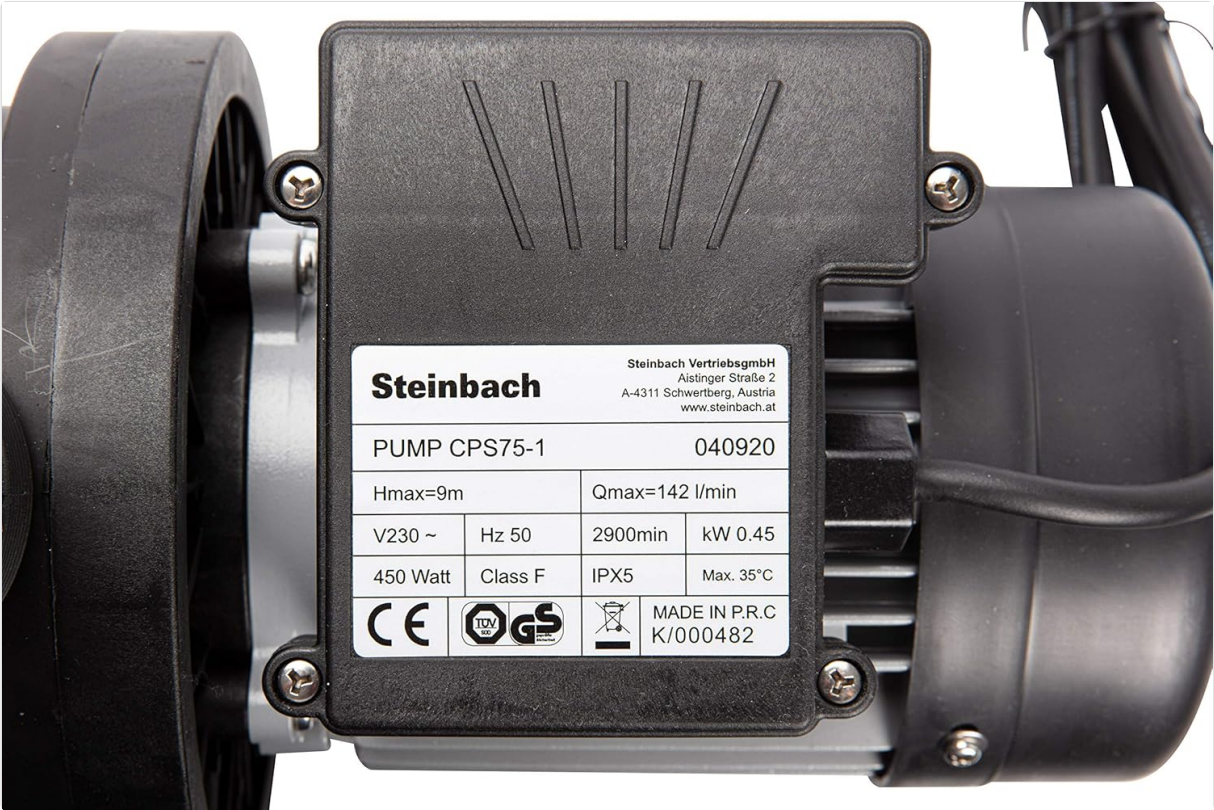


Figure 7.1: Product label detailing the pump's electrical and performance specifications.



Figure 7.2: Dimensional drawing of the pump, indicating height, width, and length.

Parameter	Value
Model Number	040920
Voltage	230 V
Power	450 W
Pump Capacity	8,520 l/h (142 l/min)
Max. Pump Height	9 m
Connection Diameter	32/38 mm
Maximum Water Temperature	35°C
Maximum Pool Size	33,000 litres
Noise Level	Approx. 70 dB
Product Dimensions (L x W x H)	45 x 20.5 x 25 cm
Item Weight	6 kg
Material	Plastic
Power Source	Corded Electric

8. WARRANTY AND SUPPORT




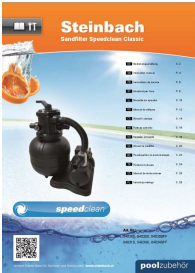


Specific warranty details for this product are not provided in this manual. Please refer to your purchase documentation or the manufacturer's official website for warranty information.

For technical support, spare parts, or service inquiries, please contact Steinbach customer service through their official channels. Always provide your product model number (040920) and purchase date when

seeking support.

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Related Documents - 040920

	<p>Steinbach Filterpumps with/without Timer Manual</p> <p>Comprehensive guide for Steinbach filter pumps with and without timers, covering installation, operation, safety, and troubleshooting.</p>
	<p>Steinbach Filterpumpe SPS 175-1T Bedienungsanleitung</p> <p>Finden Sie detaillierte Informationen zur Bedienung, Wartung und Sicherheit der Steinbach Filterpumpe SPS 175-1T. Diese Anleitung enthält Anleitungen zur Installation, zum Betrieb und zur Fehlerbehebung für Ihre Poolfilterpumpe.</p>
	<p>Steinbach Poolrunner Smart RXB 450 Quick Installation Guide</p> <p>Quick installation guide and user manual for the Steinbach Poolrunner Smart RXB 450 automatic swimming pool cleaner, including setup, operation, maintenance, and technical specifications.</p>
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	<p>Návod k obsluze Poolrunner SMART RXB 450 - Steinbach</p> <p>Kompletní návod k obsluze pro bazénový čistič Steinbach Poolrunner SMART RXB 450. Zjistěte vše o instalaci, provozu, údržbě, řešení poruch a technických specifikacích tohoto robotického bazénového čističe.</p>

