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› [Steinbach Active Balls+ Filter 040386 – Non-Self-Priming Pump for Pools up to 19,000 L – with 7-Way Valve with Adjustment Lever and Manometer – Includes Approx. 300g Filter Balls](#)

Steinbach 040386

Steinbach Active Balls+ Filter System Instruction Manual

Model: 040386

INTRODUCTION

This manual provides comprehensive instructions for the safe and efficient installation, operation, and maintenance of your Steinbach Active Balls+ Filter System, model 040386. This non-self-priming pump is designed to maintain crystal-clear water in pools up to approximately 19,000 liters. Please read this manual thoroughly before initial use to ensure proper function and longevity of your filter system.

SAFETY INSTRUCTIONS

Always observe the following safety precautions to prevent injury or damage:

- Ensure the power supply matches the specifications on the product label.
- Disconnect the power supply before performing any maintenance or cleaning.
- Do not operate the pump if the power cord or plug is damaged.
- Keep children and unauthorized persons away from the filter system during operation.
- Install the filter system on a stable, level surface, protected from direct sunlight and rain.
- Do not run the pump dry. Ensure it is always filled with water during operation.
- Maximum water temperature for operation is 35°C (95°F).
- Suitable for saltwater up to a salt content of 5 g/l.

PRODUCT OVERVIEW AND COMPONENTS

The Steinbach Active Balls+ Filter System consists of several key components designed for optimal pool water filtration.



Figure 1: Overview of the Steinbach Active Balls+ Filter System components, showing the filter tank, pump unit, and various connection parts.



Figure 2: Detailed view of the 7-way valve, indicating various operational modes such as Filter, Rinse, Waste, Recirculate, Closed, and Backwash.



Figure 3: Product label displaying technical specifications of the pump, including model number, power, voltage, and maximum temperature.



Figure 4: The filter system alongside a visual representation of the filter balls, which are the primary filtration medium.



Figure 5: Dimensional diagram illustrating the approximate height of the filter tank, which is 55 cm (22 inches).

SETUP

Follow these steps for initial setup of your filter system:

1. **Unpack Components:** Carefully remove all parts from the packaging. Verify all components are present according to the packing list.
2. **Position the System:** Place the filter system on a firm, level surface near your pool, ensuring it is protected from direct weather exposure.
3. **Install Filter Balls:** Open the filter tank and carefully pour the approximately 300g of filter balls into the tank. Ensure the central pipe is correctly positioned before closing the tank.
4. **Connect Pump to Filter Tank:** Attach the pump unit to the filter tank using the provided connections. Ensure all seals are properly seated and connections are tightened to prevent leaks. It is recommended to use PTFE tape on threaded connections for a secure seal.
5. **Connect to Pool:** Connect the pool hoses to the filter system's inlet and outlet ports. The inlet hose typically connects from the pool skimmer/main drain to the pump's suction side, and the outlet hose connects from the filter's return side back to the pool.
6. **Fill with Water:** Before starting the pump, ensure the pool is filled with water and the filter system is primed by allowing water to flow into the pump and filter tank.
7. **Electrical Connection:** Connect the power plug to a grounded electrical outlet. Ensure the outlet is protected by a Residual Current Device (RCD) for safety.

OPERATING THE 7-WAY VALVE

The 7-way valve controls the flow of water through the filter system. Always turn off the pump before changing the valve position.

- **FILTER:** This is the standard operating position for daily filtration. Water flows from the pool, through the filter balls,

and back to the pool.

- **BACKWASH:** Used for cleaning the filter balls. Water flows in reverse through the filter, dislodging trapped debris, and is then directed to waste. Perform backwash when the pressure gauge indicates higher than normal pressure or when water flow decreases.
- **RINSE:** Used after backwashing to flush out any remaining debris from the filter and settle the filter balls. Water flows through the filter and is directed to waste.
- **WASTE:** Bypasses the filter and sends water directly from the pool to waste. Useful for vacuuming heavy debris directly to waste or lowering the pool water level.
- **RECIRCULATE:** Circulates water through the pump and back to the pool without passing through the filter. Useful for distributing chemicals quickly.
- **CLOSED:** Shuts off all flow to the filter and pump. Use this position only when the pump is off and for maintenance or when the pool is not in use.
- **WINTERIZE:** (If applicable) Position for draining the system for winter storage. Consult specific winterization instructions.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the life of your filter system.

- **Backwashing:** Perform backwashing regularly, typically once a week or when the pressure gauge reading increases by 0.2-0.3 bar (3-5 psi) above its clean operating pressure.
 - a. Turn off the pump.
 - b. Set the 7-way valve to "BACKWASH".
 - c. Turn on the pump and run until the water in the sight glass (if present) runs clear (approx. 2-3 minutes).
 - d. Turn off the pump.
 - e. Set the 7-way valve to "RINSE".
 - f. Turn on the pump and run for 30-60 seconds.
 - g. Turn off the pump.
 - h. Set the 7-way valve back to "FILTER".
 - i. Turn on the pump to resume normal filtration.
- **Cleaning Filter Balls:** The filter balls can be cleaned manually or in a washing machine (in a laundry bag) at 30°C (86°F) without fabric softener. Replace filter balls when they show signs of significant wear or reduced filtration efficiency.
- **Pump Basket Cleaning:** Periodically check and clean the pump's pre-filter basket (if applicable) to remove large debris that could obstruct flow.
- **Winterization:** Before freezing temperatures, drain all water from the pump, filter tank, and hoses. Store the pump and valve in a dry, frost-free location.

TROUBLESHOOTING

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Low water flow / Poor filtration	Clogged filter balls	Perform backwash and rinse cycle.
	Dirty pump basket	Clean pump basket.
	Air in the system	Check all connections for air leaks; ensure pump is primed.
	Incorrect valve position	Set valve to "FILTER".
Pump not starting	No power	Check power connection and circuit breaker.
	Motor overload	Allow motor to cool; check for obstructions.
	Impeller jammed	Inspect impeller for debris (disconnect power first).
Water leaking from connections	Loose connections	Tighten all connections.
	Damaged O-rings/seals	Inspect and replace damaged O-rings/seals.
	Insufficient PTFE tape	Reapply PTFE tape to threaded connections.

SPECIFICATIONS

Feature	Specification
Model Number	040386
Brand	Steinbach
Product Dimensions	41 x 25 x 56 cm (16.1 x 9.8 x 22 inches)
Product Weight	8.5 kg (18.7 lbs)
Power Source	Corded Electric
Voltage	220-240 V ~ / 50 Hz
Max Power	200W
Circulation Capacity	3,900 l/h (1,030 GPH)
Pump Capacity	4,500 l/h (1,189 GPH)
Max Flow Rate	3.8 cubic meters per hour
Max Lift Height	6.5 meters
Max Water Temperature	35°C (95°F)
Saltwater Compatibility	Up to 5 g/l salt content
Filter Medium	Approx. 300g Filter Balls
Suitable Pool Volume	Up to approx. 19,000 liters

WARRANTY AND SUPPORT





For warranty information and technical support, please refer to the documentation provided with your purchase or contact

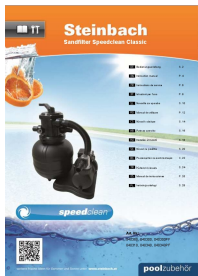
Steinbach customer service. Keep your proof of purchase for warranty claims.



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Related Documents - 040386

	<p>Steinbach Filterpumpen 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 Poolrunner SMART RXB 450 Pool Cleaner - User Manual</p> <p>Comprehensive user manual for the Steinbach Poolrunner SMART RXB 450 automatic pool cleaner, covering setup, operation, maintenance, troubleshooting, and technical specifications. Learn how to use your pool cleaner effectively and safely.</p>
	<p>Salty de Luxe P4/P6 Saltwater System Manual - Steinbach</p> <p>Comprehensive instruction manual for the Steinbach Salty de Luxe P4 and P6 professional saltwater pool systems. Covers installation, operation, maintenance, troubleshooting, and safety guidelines.</p>
	<p>Steinbach Speedsolar Pool Solar Mat - Installation and User Manual</p> <p>Comprehensive user manual for the Steinbach Speedsolar Pool Solar Mat (0.7x3.0m and 0.7x6.0m). Includes installation guide, safety instructions, technical specifications, and troubleshooting.</p>



[Steinbach Speedclean Classic Sandfilter Bedienungsanleitung](#)

Umfassende Bedienungsanleitung für den Steinbach Speedclean Classic Sandfilter. Enthält Anleitungen zu Installation, Inbetriebnahme, Wartung und Fehlerbehebung für eine optimale Poolwasserfiltration.



[Steinbach Solarkollektor Exclusive Solar Collector: Installation, Operation, and Maintenance Manual](#)

This manual provides comprehensive instructions for the installation, initial use, troubleshooting, and maintenance of the Steinbach Solarkollektor Exclusive solar collector. Learn how to effectively heat your swimming pool using solar energy.