

STEINBACH 00-40340

Steinbach Classic 400 Filter System User Manual

Model: 00-40340 | Brand: STEINBACH

INTRODUCTION

The Steinbach Classic 400 Filter System is a powerful and efficient solution designed to maintain clean and clear water in your pool. This self-priming pump system is suitable for pools with a water content of up to approximately 33,000 liters. It features a robust pre-filter and a versatile 7-way valve for easy operation and maintenance. This manual provides essential information for the safe and effective installation, operation, and care of your filter system.



Image: The complete Steinbach Classic 400 Filter System, showcasing the filter tank, pump, and multi-port valve assembly.

SAFETY INFORMATION

Please read all safety instructions carefully before installing, operating, or performing maintenance on the filter system. Failure to follow these instructions could result in serious injury or property damage.

- Always disconnect the power supply before performing any work on the filter system.
- Ensure the system is installed on a stable, level surface, protected from direct sunlight and adverse weather conditions.

- Do not operate the pump if the water temperature exceeds 35°C (95°F).
- Ensure all connections are securely tightened to prevent leaks. Use appropriate sealing materials like Teflon tape on threaded connections.
- Keep children and pets away from the filter system during operation.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Steinbach Classic 400 Filter System (includes filter tank, pump, and 7-way valve)
- Hose connections (for Ø 32/38 mm hoses)
- Manometer (pressure gauge)
- Pre-filter basket
- Instruction Manual
- Necessary clamps and seals (may require additional Teflon tape for optimal sealing)

SETUP

Follow these steps for proper assembly and connection of your filter system:

1. **Placement:** Position the filter system on a firm, level surface near your pool. Ensure it is protected from rain and direct sunlight.
2. **Fill Filter Tank:** Open the filter tank and fill it with the appropriate filter medium. The Classic 400 system can use either filter sand or Steinbach Filter Balls. Refer to the filter medium manufacturer's instructions for the correct quantity.
3. **Attach 7-Way Valve:** Securely attach the 7-way valve to the top of the filter tank. Ensure the O-ring is correctly seated to prevent leaks. Tighten the clamp firmly.
4. **Connect Pump:** Connect the pump to the filter tank using the provided hose. Ensure all connections are tight.
5. **Connect to Pool:** Connect the filter system to your pool's inlet and outlet ports using Ø 32/38 mm hoses. The "INLET" port on the pump connects to the pool's skimmer/suction line, and the "RETURN" port on the 7-way valve connects to the pool's return line. Use hose clamps to secure all connections.
6. **Prime the Pump:** Before starting, ensure the pump is filled with water to prevent dry running. This is a self-priming pump, but initial priming helps.
7. **Electrical Connection:** Connect the pump to a grounded electrical outlet (220-240V~ / 50Hz). Ensure the power supply is suitable for the pump's maximum power of 450 W.

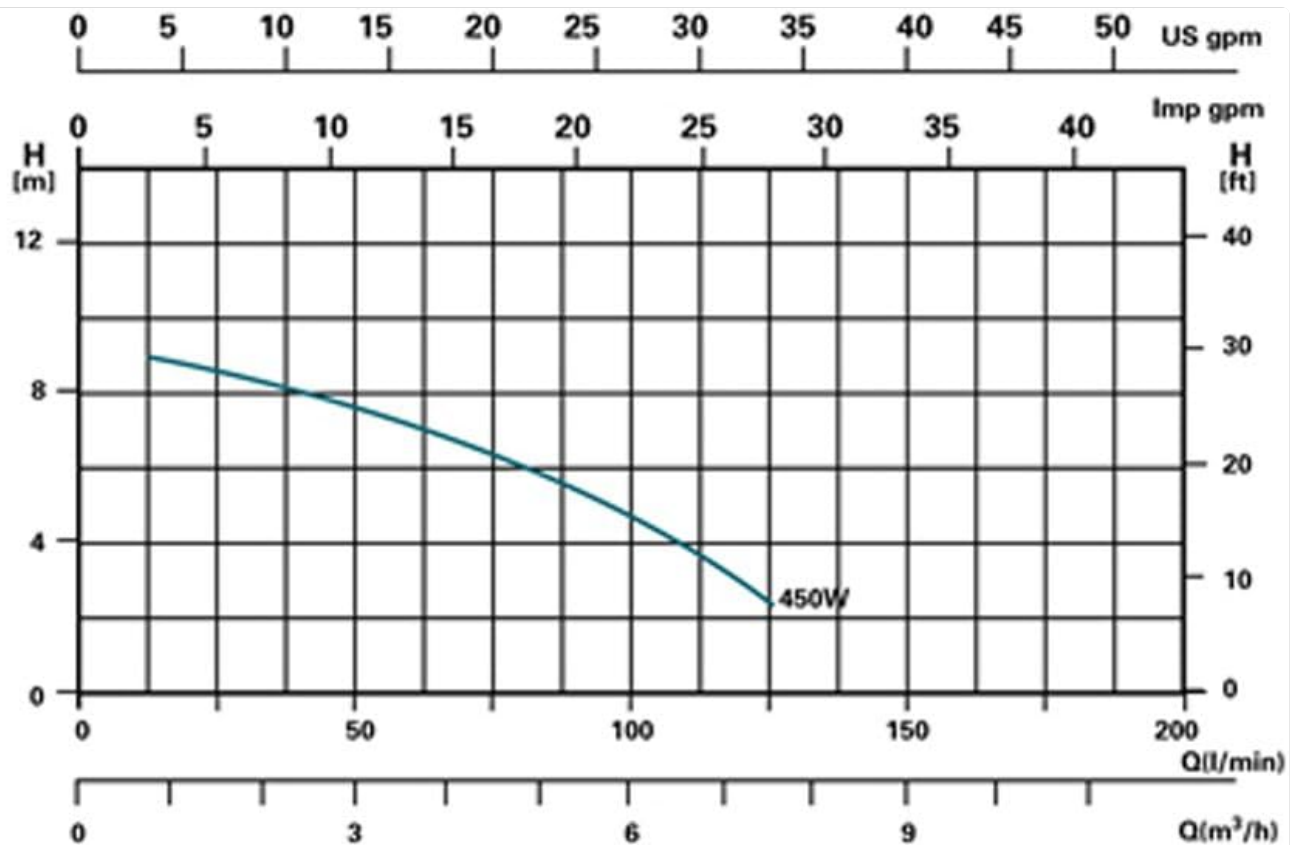


Image: Close-up view of the Steinbach filter pump, showing the pre-filter basket and hose connections. This illustrates the pump's design and connection points.



Image: The Steinbach Classic 400 Filter System positioned next to a pool, demonstrating its typical installation environment and highlighting its compact design.

OPERATING INSTRUCTIONS

The 7-way valve allows for various operating modes. Always turn off the pump before changing the valve position.

7-Way Valve Functions

Position	Description
Filter	Normal filtering mode. Water passes through the filter medium to remove impurities.
Backwash	Cleans the filter medium by reversing water flow. Directs dirty water to waste. Perform when pressure gauge reads high.
Rinse	Used after backwashing to settle the filter medium and flush remaining dirty water to waste.
Circulate	Bypasses the filter medium, circulating water directly back to the pool. Useful for chemical distribution.
Empty	Drains water directly from the pool to waste, bypassing the filter.
Winter Setting	Used for winterizing the system. Relieves pressure on the valve's internal components.
Closed	Shuts off all flow through the valve. Do not operate the pump in this position.

The filter system is designed for continuous operation within specified parameters. It is suitable for saltwater pools with a salt content up to 0.5 g/m³ and can handle water temperatures up to 35°C (95°F).

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your filter system.

- **Backwashing:** Perform backwashing when the pressure gauge reading is 0.2-0.3 bar (3-5 psi) above the clean filter reading, or when water clarity decreases. Follow with a rinse cycle.
- **Pre-filter Cleaning:** Regularly check and clean the pre-filter basket located in the pump. Turn off the pump, open the pre-filter lid, remove and clean the basket, then reassemble.
- **Filter Medium Replacement:** Filter sand typically needs replacement every 3-5 years, while Filter Balls may require cleaning or replacement more frequently depending on usage. Consult your filter medium's instructions.
- **Winterization:** Before freezing temperatures, drain all water from the filter system, pump, and hoses. Store the pump and valve in a dry, frost-free location.

TROUBLESHOOTING

Here are some common issues and their potential solutions:

Problem	Possible Cause	Solution
Low Water Flow / Poor Filtration	Clogged pre-filter basket; Dirty filter medium; Air in the system; Incorrect valve setting.	Clean pre-filter; Backwash/Rinse filter; Bleed air from system; Set valve to "Filter".
Water Leaks	Loose connections; Damaged O-rings/seals; Insufficient sealing material.	Tighten all hose clamps and threaded connections; Inspect and replace damaged seals; Apply Teflon tape or pipe sealant to threaded connections.

Problem	Possible Cause	Solution
Pump Not Starting	No power; Motor overload; Impeller jammed.	Check power supply and circuit breaker; Allow motor to cool; Inspect impeller for obstructions (disconnect power first).
High Pressure Gauge Reading	Clogged filter medium.	Perform backwash and rinse cycles.

SPECIFICATIONS

Detailed technical specifications for the Steinbach Classic 400 Filter System:

Feature	Value
Model Number	00-40340
Brand	STEINBACH
Product Dimensions (L x W x H)	66.5 x 55.5 x 36.5 cm
Item Weight	798.32 grams (approx. 1.76 pounds)
Circulation Capacity	6,600 liters per hour (l/h)
Pump Capacity (Max. Flow Rate)	8,500 liters per hour (l/h)
Max. Head	9 meters
Power Supply	220-240V~ / 50Hz
Max. Power Consumption	450 W
Hose Connection Diameter	Ø 32/38 mm
Max. Water Temperature	35°C (95°F)
Saltwater Suitability	Up to 0.5 g/m³ salt content
Filter Medium Options	Filter Sand or Filter Balls



FILTERANLAGE CLASSIC 310

- ✓ Leistungsstarke Filteranlage für Pools bis 22.000 l Inhalt
- ✓ Anschlüsse für alle handelsüblichen Pools Ø 32/38 mm
- ✓ 7-Wege-Ventil mit Verstellhebel und Manometer
- ✓ Umfangreiches Zubehör erhältlich

Image: A performance curve graph illustrating the relationship between head (H) and flow rate (Q) for the filter pump, indicating its operational characteristics.

WARRANTY AND SUPPORT

STEINBACH products are manufactured to high-quality standards. For warranty information, please refer to the documentation included with your purchase or visit the official STEINBACH website. For technical support or inquiries, please contact STEINBACH customer service through their official channels.

Note: Keep your proof of purchase for warranty claims.

Related Documents - 00-40340

	<p>Steinbach Filteranlage Classic 250N/310/400 Bedienungsanleitung</p> <p>Diese Bedienungsanleitung enthält wichtige Informationen zur Inbetriebnahme und Handhabung der Steinbach Filteranlage Classic 250N/310/400. Sie deckt Sicherheitshinweise, bestimmungsgemäßen Gebrauch, Montage, Inbetriebnahme, Filterbetriebsarten, Fehlerbehebung und technische Daten ab.</p>
	<p>Steinbach Speedclean Classic Sandfilter Bedienungsanleitung</p> <p>Umfassende Bedienungsanleitung für den Steinbach Speedclean Classic Sandfilter. Enthält Anleitungen zu Installation, Inbetriebnahme, Wartung und Fehlerbehebung für eine optimale Poolwasserfiltration.</p>



[Steinbach Filterpumps with/without Timer Manual](#)

Comprehensive guide for Steinbach filter pumps with and without timers, covering installation, operation, safety, and troubleshooting.



[Steinbach Filteranlage Comfort 50 & Comfort 75: Umfassende Bedienungsanleitung](#)

Entdecken Sie die Steinbach Filteranlage Comfort 50 und Comfort 75. Dieses Handbuch bietet detaillierte Anleitungen zur Installation, Bedienung, Wartung und Sicherheit für klares Poolwasser.



[Steinbach Poolrunner SMART RXB 450 Pool Cleaner - User Manual](#)

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.



[Salty de Luxe P4/P6 Saltwater System Manual - Steinbach](#)

Comprehensive instruction manual for the Steinbach Salty de Luxe P4 and P6 professional saltwater pool systems. Covers installation, operation, maintenance, troubleshooting, and safety guidelines.