

Beckett 7218510

Beckett 1250 GPH Submersible Water Pump Instruction Manual

Model: 7218510 | Brand: Beckett

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Beckett 1250 GPH Submersible Water Pump. Please read these instructions carefully before installation and use. Retain this manual for future reference.

The Beckett 1250 GPH Submersible Water Pump is designed for circulating water in fountains, ponds, and waterfalls. This magnetic drive pump features a low water shut-off sensor for protection and is suitable for continuous, submerged operation. It is oil-free, making it safe for aquatic life.

IMPORTANT SAFETY INFORMATION

WARNING: To avoid possible electric shock, special care should be taken since water is used in the use of pond equipment. For each of the following situations, do not attempt repairs yourself. Return the appliance to an authorized service facility for service or discard the appliance.

- Ensure the pump is always fully submerged in water during operation. Running dry will damage the pump and void the warranty.
- Do not operate the pump if the power cord or plug is damaged.
- Do not remove the grounding prong from the power plug.
- Always disconnect the pump from the power supply before performing any maintenance or cleaning.
- Do not lift the pump by its power cord. Use the molded handle provided.
- This pump is designed for fresh water use only.
- Ensure the electrical outlet is a grounded, GFCI-protected receptacle.
- Keep children and pets away from the pump and water feature during operation.

This pump is UL Listed for electrical safety.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Beckett 1250 GPH Submersible Water Pump with 15 ft. power cord
- 1-inch ID tubing adapter



Image: The Beckett 1250 GPH Submersible Water Pump, showing the pump unit, coiled 15-foot power cord, and the included 1-inch ID tubing adapter.



Image: Exploded view of the pump components, including the outer casing, pump body, power cord, and tubing adapter.

SETUP AND INSTALLATION

1. **Choose Location:** Place the pump in the deepest part of your pond or water feature, ensuring it is fully submerged. The pump is designed for continuous submerged operation.
2. **Attach Tubing:** Connect appropriate 1-inch ID (Inner Diameter) tubing to the pump's outlet using the provided adapter. Secure the tubing with a hose clamp (not included) to prevent leaks.
3. **Positioning:** Use the molded handle to carefully lower the pump into the water. Ensure the pump is stable and not resting on loose debris.
4. **Electrical Connection:** Route the 15-foot power cord to a grounded, GFCI-protected electrical outlet. Ensure the cord is not kinked or pinched. Do not plug in the pump until it is fully submerged.

5. **Submerge Pump:** Ensure the water level is sufficient to completely cover the pump. The pump features a low water shut-off sensor that will prevent operation if the water level is too low.
6. **Power On:** Once the pump is fully submerged and all connections are secure, plug the pump into the GFCI-protected outlet.



For Small Waterfalls
1250 Gallons Per Hour

Power Requirements:	115V, 60 Hz, 50 watts
Cord Length:	15 ft



1 in tube adapter

15ft Durable Cord

Pump

Image: Diagram illustrating the pump's suitability for small waterfalls, indicating 1250 GPH flow, 115V, 60Hz, 50 watts power requirements, and a 15 ft cord length.

Average Performance

The perfect solution for the novice or expert water gardener in you

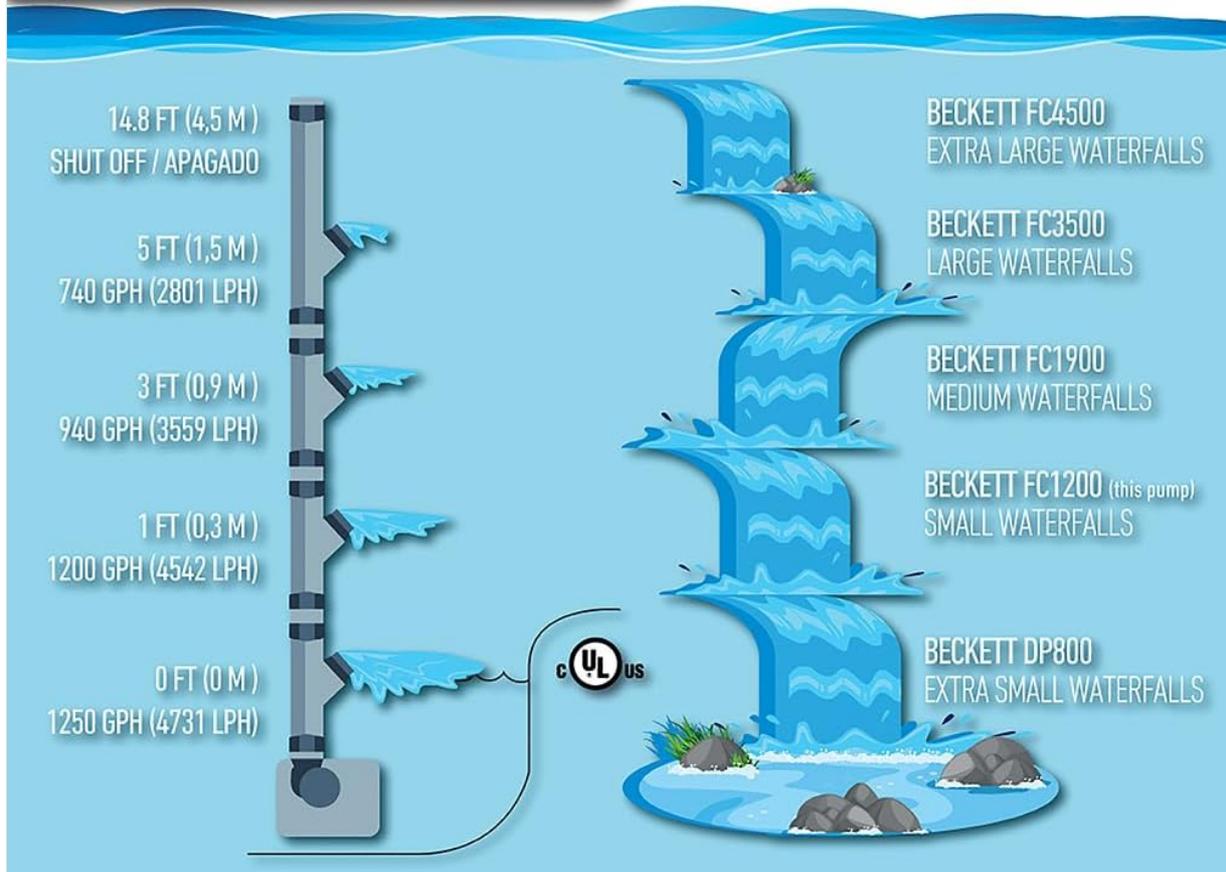


Image: Performance chart showing the relationship between pump height and flow rate, with the 1250 GPH pump (FC1200) reaching a maximum lift of 14.8 ft.

OPERATION

The Beckett 1250 GPH Submersible Water Pump is designed for continuous operation once properly installed and submerged.

- **Initial Start-up:** After plugging in, the pump should begin circulating water immediately. If it does not, ensure it is fully submerged and the power supply is active.
- **Low Water Shut-off:** This pump is equipped with a low water shut-off sensor. If the water level drops below the safe operating threshold, the pump will automatically turn off to prevent damage. It will restart automatically once the proper water level is restored.
- **Continuous Operation:** For optimal performance and longevity, ensure the pump remains fully submerged and free from debris.

MAINTENANCE

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

1. **Disconnect Power:** Always unplug the pump from the electrical outlet before performing any maintenance.
2. **Clean Inlet Screen:** Periodically inspect and clean the pump's inlet screen to remove any accumulated debris such as leaves, algae, or sediment. A clogged screen can reduce flow and strain the motor.
3. **Inspect Impeller:** If flow is reduced after cleaning the screen, the impeller may be obstructed. Carefully remove the pump casing and clean the impeller and its housing.
4. **Winterization:** In freezing climates, remove the pump from the water feature before the first freeze. Clean the pump thoroughly and store it in a frost-free location, submerged in a bucket of water if possible, to keep seals moist.

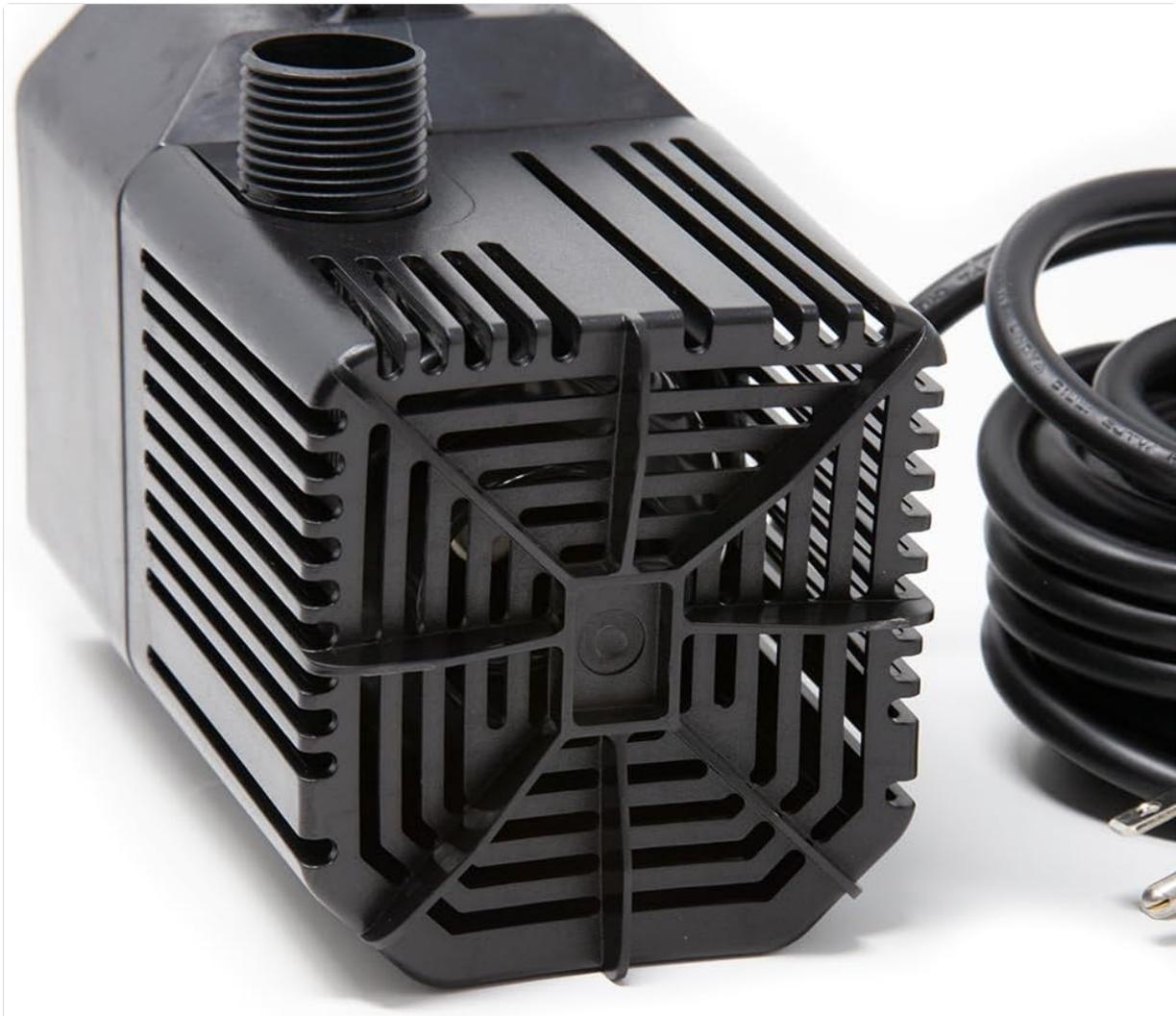


Image: Underside view of the Beckett 1250 GPH pump, highlighting the large inlet screen designed to protect against debris.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Pump does not start or stops unexpectedly.	<ul style="list-style-type: none"> No power to the pump. Low water level (low water shut-off activated). Clogged inlet screen or impeller. Damaged impeller or motor. 	<ul style="list-style-type: none"> Check power connection and GFCI outlet. Add water to the feature until the pump is fully submerged and restarts. Clean the inlet screen and impeller. Contact customer support if pump remains inoperable after cleaning and ensuring power/water.
Reduced water flow.	<ul style="list-style-type: none"> Clogged inlet screen. Obstruction in tubing or nozzle. Debris around impeller. Pump operating at too high a lift. 	<ul style="list-style-type: none"> Clean the inlet screen. Check and clear tubing/nozzle. Clean the impeller. Ensure the pump is not exceeding its maximum lift capacity (14.8 ft).
Pump is noisy.	<ul style="list-style-type: none"> Debris in impeller. Pump not fully submerged. Worn impeller or bearings. 	<ul style="list-style-type: none"> Clean the impeller. Ensure pump is fully submerged. Contact customer support.

SPECIFICATIONS

Brand	Beckett
Model Number	7218510
Maximum Flow Rate	1250 GPH (20.83 Gallons Per Minute)
Maximum Lifting Height	14.8 ft
Wattage	50 Watts
Voltage	115 Volts
Frequency	60 Hz
Power Source	Corded Electric
Cord Length	15 ft
Product Dimensions (L x W x H)	6.4" x 3.8" x 5.3"
Item Weight	4.3 Pounds
Material	Copper 20%, Epoxy 18%, Plastic 47%, Steel 15%
Tubing Compatibility	1 inch ID
Safety Certification	UL Listed

Comparison Chart

Model Modelo	UL Model Modelo de UL	Flow Rate at 0 Lift Tasa de Flujo en elevación 0	Maximum Flow Flujo Máximo	Wattage Potencia	Cord Length Longitud del cable	Max Head Height Altura máxima de la cabeza
7218510	FC1200/ FC1250	1250 GPH	1200 GPH at 1 foot 1080 GPH at 2 feet 940 GPH at 3 feet 840 GPH at 4 feet 740 GPH at 5 feet 350 GPH at 10 feet 0 GPH at 14.8 feet	50 Watts	15ft	14.8ft
7218610	FC1900 FC2100	2100 GPH	1900 GPH at 1 foot 1750 GPH at 2 feet 1630 GPH at 3 feet 1430 GPH at 4 feet 1300 GPH at 5 feet 850 GPH at 10 feet 0 GPH at 20 feet	78 Watts	15ft	20ft
7218710	FC3500/ FC3550	3550 GPH	3500 GPH at 1 foot 3300 GPH at 2 feet 3130 GPH at 3 feet 3000 GPH at 4 feet 2840 GPH at 5 feet 2102 GPH at 10 feet 0 GPH at 25.7 feet	168 Watts	15ft	25.7ft

Image: Comparison chart detailing specifications for various Beckett pump models, including the 1250 GPH (FC1200/FC1250) model.

WARRANTY INFORMATION

Beckett Corporation products are manufactured to high-quality standards. For specific warranty details, including duration and coverage, please refer to the documentation included with your purchase or visit the official Beckett Corporation website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Beckett 1250 GPH Submersible Water Pump, please contact Beckett Corporation customer service.

For the most current contact information, please visit the official Beckett Corporation website or refer to the packaging materials.

When contacting support, please have your model number (7218510) and purchase date available.

