

Danner 82430

Danner 82430 Fountainhead and Pump Kit User Manual

Model: 82430 | Brand: Danner Manufacturing, Inc.

[Introduction](#)

[Safety Information](#)

[Setup](#)

[Operation](#)

[Maintenance](#)

[Troubleshooting](#)

[Specifications](#)

[Warranty &](#)

[Support](#)

1. INTRODUCTION

The Danner 82430 Fountainhead and Pump Kit is designed to enhance small to medium ponds and water features by adding decorative fountain effects. This kit includes a submersible pump, various fountainheads, and barbed adaptors for versatile use. The pump features energy-efficient operation and a debris-reducing pre-filter.

2. IMPORTANT SAFETY INFORMATION

- **Read all instructions:** Before installation and operation, carefully read and understand all instructions in this manual.
- **Electrical Safety:** Always disconnect the power supply before performing any maintenance or installation. The pump is equipped with a 15-foot power cord and a grounded plug. Ensure it is connected to a properly grounded outlet. All Danner pump products are certified to UL or ETL standards.
- **Water Immersion:** This pump is designed for submersible use. Do not operate the pump dry.
- **Children and Pets:** Keep children and pets away from the water feature and electrical components.
- **Damage Inspection:** Regularly inspect the power cord and pump for any signs of damage. Do not use if damaged.

3. SETUP AND INSTALLATION

3.1 Unpacking and Component Check

Carefully remove all components from the packaging. Verify that the following items are included:

- Submersible Pump (460 GPH)
- Bell Fountainhead
- Fleur-de-lis Fountainhead
- Barbed Adaptors for inline use

3.2 Fountainhead Assembly

To assemble the fountainhead:

1. Select your desired fountainhead (Bell or Fleur-de-lis).
2. Attach the chosen fountainhead directly to the pump's discharge outlet. Ensure a snug fit to prevent leaks.
3. For inline applications, use the provided barbed adaptors to connect tubing (not included) to the pump's outlet.



Image 1: The Danner Fountainhead Pump Kit operating with the Bell fountainhead, creating a clear, dome-shaped water display in a pond surrounded by green lily pads and a pink water lily.

3.3 Pump Placement

The pump is designed for both submersible and inline use.

- **Submersible Use:** Place the pump completely submerged in the water feature, ensuring it rests on a stable, level surface. Avoid placing it directly on the bottom where it might draw in excessive sediment.
- **Inline Use:** If using inline, ensure the pump is installed in a dry, protected area, and that water is supplied to the inlet and discharged from the outlet via appropriate tubing.



Image 2: A Danner Fountainhead Pump Kit creating a spray fountain effect in a small, rock-lined pond within a garden setting. The water feature is surrounded by various rocks and green foliage.

3.4 Electrical Connection

Once the pump is positioned and fountainheads are attached, connect the 15-foot power cord to a grounded electrical outlet. Ensure the outlet is protected by a Ground Fault Circuit Interrupter (GFCI) for safety.

4. OPERATION

4.1 Starting the Pump

After ensuring the pump is properly installed and submerged (if applicable), plug the power cord into the electrical outlet. The pump will begin to operate, and water will flow through the fountainhead.

4.2 Adjusting Flow Control

The Danner 82430 pump features variable flow control. Locate the flow control lever or dial on the pump body. Adjust it to achieve the desired water flow rate and fountain height.

5. MAINTENANCE

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

5.1 Cleaning the Pre-Filter

The pump is equipped with a debris-reducing pre-filter. This filter should be cleaned periodically, especially if you notice a reduction in water flow.

1. Disconnect the pump from the power supply.
2. Remove the pump from the water.
3. Locate and remove the pre-filter cover.
4. Rinse the pre-filter thoroughly under clean water to remove any accumulated debris.
5. Reassemble the pre-filter and cover, then return the pump to its operating position.

5.2 General Cleaning

Periodically clean the pump impeller and housing to prevent mineral buildup and ensure smooth operation. Use a soft brush and clean water. Avoid harsh chemicals.

6. TROUBLESHOOTING

If you encounter issues with your Danner Fountainhead and Pump Kit, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Pump does not start or operate.	No power supply. Impeller jammed.	Check electrical connection and GFCI. Disconnect power, inspect and clean impeller.
Low or no water flow from fountainhead.	Clogged pre-filter. Fountainhead or tubing blocked. Low water level. Flow control set too low.	Clean pre-filter (see Section 5.1). Inspect and clear blockages. Ensure pump is fully submerged. Adjust flow control.
Fountainhead not working properly (e.g., uneven spray).	Improper fountainhead assembly. Partial blockage in fountainhead.	Review fountainhead assembly (see Section 3.2). Clean fountainhead openings.
Excessive noise or vibration.	Debris in impeller. Pump not stable.	Disconnect power, clean impeller. Ensure pump is on a flat, stable surface.

7. PRODUCT SPECIFICATIONS

- Model Number:** 82430
- Brand:** Danner Manufacturing, Inc.
- Maximum Flow Rate:** 460 GPH (7.67 Gallons Per Minute)
- Power Source:** Corded Electric
- Power Cord Length:** 15 feet
- Style:** Submersible

Material: Acrylonitrile Butadiene Styrene (ABS)

Color: Black

Item Weight: 2.9 pounds

Product Dimensions: 8 x 6 x 4.5 inches

Certifications: UL or ETL standards certified

8. WARRANTY AND SUPPORT

For specific warranty details and customer support, please refer to the documentation included with your purchase or contact Danner Manufacturing, Inc. directly. All Danner pump products are certified to UL or ETL standards, ensuring quality and safety.

Manufacturer: Danner Manufacturing, Inc.

For further assistance, visit the official Danner website or contact their customer service department.

© 2023 Danner Manufacturing, Inc. All rights reserved.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question