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Hicello SZ070030064006RK-3

Hicello 1 Inch Brass DN25 Fan Shaped Fountain Nozzle Instruction Manual

Model: SZ070030064006RK-3

Introduction Safety Information Product Overview Setup Operation Maintenance Troubleshooting Specifications Warranty & Support

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of your Hicello 1 Inch Brass DN25 Fan Shaped Fountain Nozzle. Please read this manual thoroughly before use to ensure proper function and longevity of the product.

2. Safety Information

- Always disconnect power to the pump before installing, adjusting, or performing maintenance on the nozzle.
- Ensure all connections are secure and watertight to prevent leaks and potential electrical hazards.
- Do not operate the nozzle if it is damaged.
- Keep children and pets away from water features during operation and maintenance.

3. Product Overview

The Hicello 1 Inch Brass DN25 Fan Shaped Fountain Nozzle is designed to create an attractive fan-shaped water column for various water features. Made from durable brass, it offers corrosion resistance and a long service life.

Key Features:

- **Material:** High-quality brass for durability and corrosion resistance.
- **Connection Size:** Female G1 (DN25, 32mm) thread.
- **Adjustable Direction:** The nozzle can be adjusted to direct the water flow.
- **Water Pattern:** Creates a fan-shaped water column.

Product Components:



Image: The package includes one 1 inch DN25 brass fan-shaped fountain nozzle.

Dimensions:



Image: Detailed dimensions of the nozzle, showing a length of approximately 5.17 inches and a top width of 2.93 inches. It fits a 1 inch (DN25) female thread with an inside diameter of 4/3 inches (3.2 cm).

Performance Parameters:



Image: Performance parameters for the nozzle, indicating a pressure range of 30-80 KPA, water amount of 6.0-22 cubic meters per hour, spray height of 0.3-0.8 meters, and spray diameter of 0.6-1.2 meters.

4. Setup and Installation

1. **Prepare the Connection:** Ensure your pump outlet or pipe has a 1-inch (DN25) female thread. Clean any debris from the threads.
2. **Apply Sealant:** To prevent leaks, apply pipe thread sealant tape (Teflon tape) or pipe dope to the male threads of your pump outlet or pipe. This is crucial as the nozzle itself does not include gaskets.
3. **Attach the Nozzle:** Carefully screw the fountain nozzle onto the prepared male thread. Hand-tighten first, then use a wrench to tighten securely, but do not overtighten to avoid damaging the threads.
4. **Test for Leaks:** Turn on the pump and check for any leaks around the connection point. If leaks occur, tighten the nozzle further or reapply thread sealant.

5. Operation

Once installed, the nozzle will produce a fan-shaped water spray. The direction of the spray can be adjusted to suit your aesthetic preferences.

Adjusting the Spray Direction:

- The nozzle features an adjustable joint that allows you to tilt and rotate the spray head.
- Gently hold the base of the nozzle and adjust the top section to achieve the desired angle and direction of the fan spray.



Image: The nozzle can be adjusted in various directions, allowing for a 360-degree rotation and tilt to customize the fan-shaped water spray.

Visualizing the Water Pattern:



Image: An example of the fan-shaped water column created by the nozzle, demonstrating its aesthetic effect in a pond setting.



Image: Multiple views illustrating how the nozzle's direction can be adjusted and the resulting water patterns, including a broad fan spray.

Product Video:

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Video: An official product video from Hicello demonstrating the 1 Inch Brass Fountain Nozzle, showcasing its features and adjustable spray.

6. Maintenance

Regular maintenance ensures optimal performance and extends the lifespan of your fountain nozzle.

- **Cleaning:** Periodically inspect the nozzle for blockages from debris, algae, or mineral deposits. Clean the slot with a small brush or a thin, non-abrasive tool.
- **Brass Care:** As the nozzle is made of brass, it may naturally tarnish over time. This does not affect performance. If a polished look is desired, use a brass cleaner according to its instructions.
- **Winterization:** In freezing climates, remove the nozzle from the water feature before winter to prevent damage from ice expansion. Store it in a dry, protected area.

7. Troubleshooting

Problem	Possible Cause	Solution
Water spray is weak or uneven.	Partial blockage in the nozzle slot or insufficient water pressure.	Clean the nozzle slot. Check pump for proper operation and ensure adequate water flow.
Water leaks from the connection point.	Insufficient thread sealant or loose connection.	Disconnect power, unscrew the nozzle, reapply thread sealant tape or pipe dope, and tighten securely.
No water spray.	Completely blocked nozzle or pump malfunction.	Clean the nozzle thoroughly. Check if the pump is running and supplying water.

8. Specifications

Feature	Detail
Model Number	SZ070030064006RK-3
Material	Brass
Connection Size	Female G1 (DN25, 32mm)
Inlet Connection Type	Female Iron Pipe
Outlet Connection Type	Female Iron Pipe
Nozzle Size (Approx.)	130mm / 5.12 inches (length)
Pressure Range	30-80 KPa
Water Amount	6.0-22 cubic meters/hour
Spray Height	0.3-0.8 meters
Cover Diameter	0.6-1.28 meters
Item Weight	12.7 ounces
Manufacturer	Hicello

9. Warranty & Support

For any questions regarding installation, operation, or maintenance, please contact Hicello customer support. Refer to your purchase documentation for specific warranty details and contact information.
Hicello is committed to providing high-quality products and customer satisfaction. We value your experience and are available to assist with any issues you may encounter.

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