

## Fernco FSD-064-A

# Fernco StormDrain 6-Inch Round Atrium Drain Grate Cover

Model: FSD-064-A

## INTRODUCTION

The Fernco StormDrain 6-Inch Round Atrium Drain Grate Cover is designed to effectively manage surface water runoff in outdoor areas. Its unique atrium (dome) shape helps prevent clogging from leaves, mulch, and other debris, ensuring continuous water flow into your drainage system. This grate is suitable for planter beds, mulch areas, window wells, and other locations prone to debris accumulation.

## SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) such as gloves and eye protection when handling drainage components.
- Ensure the installation area is clear of hazards before beginning work.
- This grate is designed for pedestrian, bicycle, and wheelchair traffic with a maximum load of 500 lbs. Do not use in areas subject to heavy vehicular traffic.

## PACKAGE CONTENTS

- 1 x Fernco StormDrain 6-Inch Round Atrium Drain Grate Cover (Model FSD-064-A)

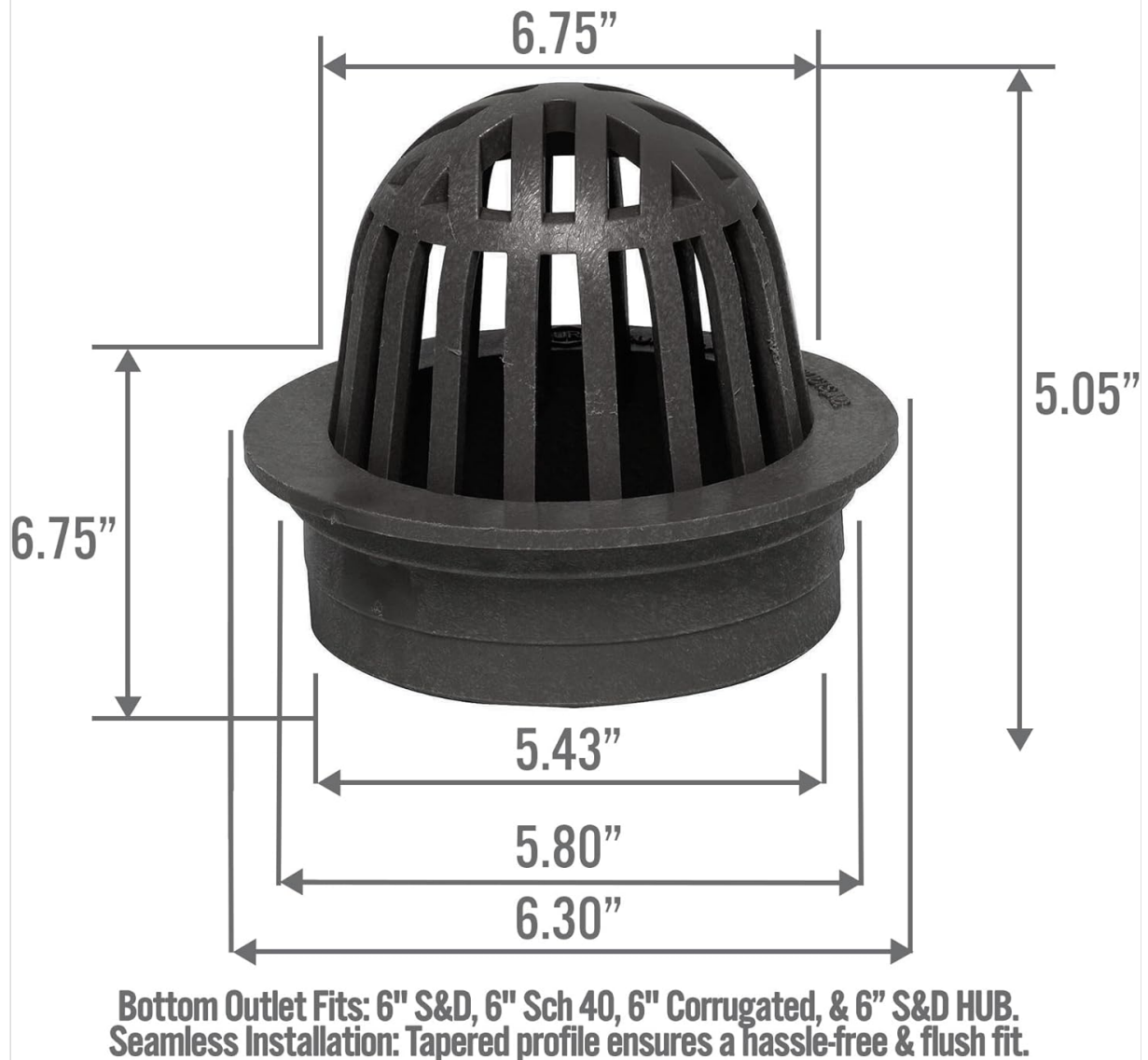
## SETUP AND INSTALLATION

The StormDrain Atrium Grate is designed for straightforward installation, fitting directly into compatible drainage pipes and fittings.

1. **Prepare the Drainage Connection:** Ensure your existing or new drainage system is ready to accept a 6-inch grate. This grate is compatible with 6-inch Sewer and Drain Pipe and Fittings, Triple Wall Pipe, and Corrugated Pipe.
2. **Clear the Opening:** Remove any debris or obstructions from the top of the drainage pipe or fitting where the grate will be installed.
3. **Insert the Grate:** Align the base of the atrium grate with the opening of the 6-inch pipe or fitting. Apply firm, even pressure to push the grate into place. The tapered profile is designed for a secure, flush fit.

4. **Verify Secure Fit:** Once inserted, ensure the grate is seated firmly and level with the surrounding surface to prevent tripping hazards and ensure proper water collection.

## StormDrain 6" Round Atrium Drain Grate



**Figure 1:** Dimensional view of the 6-inch atrium drain grate. This diagram illustrates the precise measurements for proper fitting into compatible drainage systems.



**Figure 2:** The atrium drain grate installed in a lawn, demonstrating its low-profile appearance and effective integration into landscaping.

## OPERATION

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The atrium design of this grate allows water to flow into the drainage system from multiple angles, even if the base is partially covered by leaves or other debris. The elevated dome structure ensures that water can still enter the drain, significantly reducing the likelihood of surface water pooling due to grate blockage.

## MAINTENANCE

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Regular maintenance will ensure the longevity and optimal performance of your drain grate.

- **Periodic Inspection:** Periodically check the grate for any accumulated debris, such as leaves, twigs, or dirt.
- **Cleaning:** If debris has accumulated, simply remove the grate by hand (if easily accessible) or use a small tool to clear the openings. Rinse with water if necessary.
- **System Check:** Occasionally inspect the drainage pipe below the grate to ensure it remains clear and free of blockages.

## TROUBLESHOOTING

- **Water is not draining:**
  - Check if the grate openings are completely blocked by fine sediment or heavy debris. Clear as necessary.
  - Inspect the drainage pipe itself for blockages further down the line. Professional assistance may be required for severe pipe blockages.
- **Grate does not fit securely:**
  - Verify that the pipe or fitting opening is indeed 6 inches in diameter.
  - Ensure no foreign objects are preventing a flush fit.

## SPECIFICATIONS

Feature	Detail
Brand	Fernco
Model Number	FSD-064-A
Material	High Density Polyethylene (HDPE)
Color	Black
Product Dimensions	6"W x 6"H (Overall)
Item Weight	8.4 ounces
Special Features	Durable, UV Inhibitor, Chemical-Resistant, Rust-Proof
Compatibility	6" Sewer and Drain Pipe and Fittings, Triple Wall Pipe, Corrugated Pipe
Load Rating	ADA Compliant - 500 lbs maximum (pedestrian, bicycle, wheelchair traffic)

## WARRANTY AND SUPPORT

For specific warranty information or technical support regarding your Fernco StormDrain Atrium Drain Grate, please refer to the official Fernco website or contact their customer service department directly. Keep your purchase receipt for any warranty claims.

**Fernco Customer Service:** [Visit Fernco's Contact Page](#)