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## Pentair 155051

# Pentair Sand Guide, American Products Eclipse Model 155051 Instruction Manual

For Pentair Meteor and Tagelus Pool and Spa Sand Filters

## INTRODUCTION

This manual provides detailed instructions for the proper use and maintenance of the Pentair Sand Guide, American Products Eclipse Model 155051. This sand guide funnel is designed to assist in the efficient and correct replacement of sand in compatible Pentair pool and spa sand filters. Adhering to these instructions will ensure optimal performance and longevity of your filter system.

## PRODUCT OVERVIEW

The Pentair Sand Guide Model 155051 is a specialized funnel tool engineered to simplify the process of adding new sand to your pool filter. Its primary function is to prevent sand from entering the filter's standpipe during refilling, which is critical for the filter's proper operation. This guide ensures the standpipe remains centered and protected, facilitating a clean and efficient sand replacement.

- **Compatibility:** Designed for use with Pentair Meteor and Tagelus pool and spa sand filter models TA 40D, TA 50D, TA 60D, TA 100D.
- **Dimensions:** Measures approximately 7 inches in length, 3-1/4 inches in height, and 7 inches in width.
- **Material:** Durable plastic construction for repeated use.



Image 1: The Pentair Sand Guide Model 155051. This white plastic funnel features a central tube designed to cover the filter's standpipe and a wider, sloped funnel to guide sand into the filter tank.

## SETUP AND INSTALLATION (SAND REPLACEMENT PROCEDURE)

Follow these steps carefully when replacing the sand in your pool filter using the Pentair Sand Guide:

### 1. Prepare the Filter:

- Turn off the pool pump and disconnect power to prevent accidental startup.
- Drain the filter tank completely.
- Remove the filter's top manifold and carefully extract all old sand. Ensure the standpipe and laterals are clean and free of debris.

### 2. Position the Sand Guide:

- Place the Pentair Sand Guide over the standpipe inside the filter tank. The central cylindrical part of the guide should fit snugly over the top of the standpipe, protecting its opening.
- Ensure the guide is centered and stable. The wider funnel portion should rest on the filter tank opening, providing a clear path for new sand.

### 3. Add New Filter Sand:

- Slowly pour the new filter sand into the filter tank, directing it into the funnel opening of the sand guide.
- The sand guide will direct the sand around the standpipe and laterals, preventing sand from entering the standpipe.
- Periodically check that the sand guide remains centered and the standpipe is protected as the sand level rises.
- Fill the filter with sand according to your filter manufacturer's specifications (typically to the top of the laterals or a specified level).

#### 4. Remove the Sand Guide:

- Once the desired amount of sand has been added, carefully lift and remove the Pentair Sand Guide from the filter tank.
- Inspect the standpipe to ensure no sand has entered it.

#### 5. Reassemble the Filter:

- Reinstall the filter's top manifold and secure the filter tank lid according to the filter manufacturer's instructions.
- Reconnect all plumbing and restore power to the pump.
- Perform a backwash cycle as recommended by your filter manufacturer to rinse the new sand before resuming normal filtration.

## MAINTENANCE

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The Pentair Sand Guide requires minimal maintenance:

- **Cleaning:** After each use, rinse the sand guide thoroughly with clean water to remove any residual sand or debris.
- **Storage:** Store the guide in a clean, dry place away from direct sunlight and extreme temperatures to prevent material degradation.
- **Inspection:** Periodically inspect the guide for cracks or damage. Replace if any damage is observed to ensure proper function during future sand replacements.

## TROUBLESHOOTING

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Problem	Possible Cause	Solution
Sand guide does not fit over standpipe.	Incompatible standpipe diameter or filter model.	Verify your filter model (Pentair Meteor/Tagelus TA 40D, 50D, 60D, 100D) and standpipe dimensions. This guide is designed for specific Pentair models.
Sand enters the standpipe during filling.	Sand guide not properly centered or dislodged during filling.	Ensure the sand guide is securely placed and centered over the standpipe. Pour sand slowly and monitor the guide's position. If the standpipe is 1.5 inches, you may need to adapt it to 2 inches for a perfect fit, as some users have noted.
Sand guide feels unstable.	Uneven placement or incorrect filter opening size.	Adjust the guide's position until it rests evenly on the filter tank opening. Ensure the central tube is firmly seated on the standpipe.

## SPECIFICATIONS

- **Product Model Number:** 155051
- **Brand:** Pentair
- **Product Dimensions:** 7 x 7 x 3.25 inches (Length x Width x Height)
- **Item Weight:** 3.2 ounces
- **Compatibility:** Pentair Meteor and Tagelus pool and spa sand filter models TA 40D, TA 50D, TA 60D, TA 100D.

## SAFETY INFORMATION

Always observe basic safety precautions when working with pool equipment:

- Ensure all power to the pool pump and filter system is disconnected before beginning any maintenance or sand replacement.
- Wear appropriate personal protective equipment, such as gloves and eye protection, when handling filter sand or chemicals.
- Follow all instructions provided by your pool filter manufacturer for safe operation and maintenance.
- Keep children and pets away from the work area during filter maintenance.

## WARRANTY AND SUPPORT

For specific warranty information regarding your Pentair Sand Guide Model 155051, please refer to the documentation included with your purchase or visit the official Pentair website. For technical support, replacement parts, or further assistance, please contact Pentair customer service directly.

**Pentair Customer Support:** [www.pentair.com/en-us/support.html](http://www.pentair.com/en-us/support.html)