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› Zodiac DEV48 Jandy DEV Diatomaceous Earth Versa Plumb Filter User Manual

Zodiac DEV48

Zodiac DEV48 Jandy DEV Diatomaceous Earth Versa Plumb Filter

Model: DEV48

INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Zodiac DEV48 Jandy DEV Diatomaceous Earth Versa Plumb Filter. Please read this manual thoroughly before attempting to install or operate the filter to ensure proper function and safety.





A grey, cylindrical Zodiac Jandy DEV48 Diatomaceous Earth pool filter with a black top handle and pressure gauge, and two black pipe connections on the side.

SAFETY INFORMATION

Always observe basic safety precautions when installing and operating this product. Failure to do so could result in severe injury or death.

- Ensure all electrical connections are made by a qualified electrician and comply with local codes.
- Always disconnect power to the pump before performing any service or maintenance on the filter.
- Do not operate the filter if any part is damaged or missing.
- Maintain proper water chemistry to prevent damage to the filter and ensure safe swimming conditions.
- Never exceed the maximum operating pressure of the filter. Refer to the specifications section for details.

COMPONENTS AND FEATURES

The Zodiac DEV48 filter is designed for efficient pool water filtration. Key components and features include:

- **Durable Composite Body:** Constructed from corrosion and UV resistant materials for longevity.
- **Easy Grip Handles:** Designed for comfortable and convenient filter maintenance.
- **Extra-Large 2-inch Drain Port:** Facilitates easy cleaning and debris removal.
- **Pressure Gauge with Indicator:** Provides a clear indication of when the filter requires cleaning for optimal performance and water conservation.
- **Universal Unions:** Includes 2-inch by 2 1/2-inch unions for versatile plumbing connections.
- **Compatibility:** Engineered to work seamlessly with all Zodiac backwash valves.

SETUP AND INSTALLATION

Proper installation is crucial for the filter's performance and longevity. Follow these steps carefully:

1. **Site Selection:** Choose a level, solid surface for the filter, preferably close to the pool pump and electrical outlet. Ensure adequate clearance for maintenance.
2. **Plumbing Connections:** Connect the filter to your pool's plumbing system using the provided 2-inch by 2 1/2-inch universal unions. Ensure all connections are watertight.
3. **Backwash Valve Installation:** Install a compatible Zodiac backwash valve (sold separately) according to its specific instructions.
4. **DE Powder Addition:** After initial setup and filling the filter with water, add the recommended amount of Diatomaceous Earth (DE) powder through the skimmer while the pump is running. Consult your pool professional for the correct dosage.
5. **System Check:** Once installed, open all necessary valves and prime the pump. Check for any leaks and ensure the pressure gauge reads within the normal operating range.

OPERATING INSTRUCTIONS

Operating your DEV48 filter is straightforward. Follow these guidelines for optimal filtration:

- **Initial Start-up:** Ensure the filter is filled with water and the correct amount of DE powder has been added. Turn on the pool pump.
- **Pressure Monitoring:** Regularly observe the pressure gauge. Note the initial clean pressure reading.
- **Cleaning Indicator:** The pressure gauge includes a clean or dirty indicator. When the pressure rises 8-10 PSI above the initial clean pressure, or when the indicator shows "dirty," it's time to backwash the filter.
- **Continuous Operation:** For best results, operate your filter for at least 8-12 hours per day, or as recommended by your pool professional.

MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your DEV48 filter.

Backwashing

1. Turn off the pool pump.

2. Set the backwash valve to the "BACKWASH" position.
3. Turn on the pump and backwash until the water running through the sight glass (if equipped) is clear. This typically takes 2-3 minutes.
4. Turn off the pump.
5. Set the backwash valve to the "RINSE" position.
6. Turn on the pump and rinse for 30-60 seconds.
7. Turn off the pump.
8. Set the backwash valve to the "FILTER" position.
9. Turn on the pump.
10. Add the appropriate amount of fresh DE powder to the skimmer.

Periodic Cleaning (Deep Cleaning)

It is recommended to disassemble and thoroughly clean the filter grids at least once a year, or more frequently if the pool experiences heavy use or persistent clarity issues. Refer to the filter's specific disassembly instructions for your model.

TROUBLESHOOTING

This section addresses common issues you might encounter with your DEV48 filter.

Problem	Possible Cause	Solution
Low water flow / High pressure	Clogged filter grids; Insufficient DE powder; Clogged skimmer/pump basket.	Backwash the filter; Add correct amount of DE; Clean skimmer/pump baskets.
Cloudy water after backwashing	Insufficient DE powder added; Damaged filter grids; Improper backwash procedure.	Add correct amount of DE; Inspect/replace grids; Review backwash steps.
Water leaking from filter	Loose connections; Damaged O-rings/gaskets; Cracked housing.	Tighten connections; Inspect/replace O-rings/gaskets; Contact a professional for housing repair/replacement.

SPECIFICATIONS

Attribute	Detail
Model Number	DEV48
Filter Area	48 Square Feet
Connection Size	2-inch by 2 1/2-inch Universal Unions
Body Material	Corrosion and UV Resistant Composite
Item Weight	95 pounds
Package Dimensions	40 x 23.5 x 23.5 inches
Manufacturer	Zodiac

WARRANTY INFORMATION

Zodiac products are manufactured to the highest quality standards and are backed by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Zodiac website. Keep your proof of purchase for warranty claims.

CUSTOMER SUPPORT

For technical assistance, replacement parts, or further information regarding your Zodiac DEV48 filter, please contact Zodiac customer support:

- **Website:** www.zodiac.com
- **Phone:** Refer to the contact information on the Zodiac website for your region.
- **Authorized Dealers:** Visit your local authorized Zodiac dealer for in-person support and service.

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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

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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