

Eden PDG 60

Eden PDG 60 Gravel Cleaner

Instruction Manual

Model: 94231 PDG 60

1. INTRODUCTION

The Eden PDG 60 Gravel Cleaner is designed for effective and efficient cleaning of aquarium substrates. It helps remove accumulated dirt, sludge, food residues, and plant debris, which can otherwise lead to harmful rot and compromise the health of your aquatic inhabitants. This manual provides detailed instructions for the proper setup, operation, and maintenance of your gravel cleaner to ensure optimal performance and a clean, healthy aquarium environment.



Figure 1: The Eden PDG 60 Gravel Cleaner main unit. This image shows the compact design of the filter container with its black lid and translucent grey body, allowing visibility of the internal blue filter sponge.

2. IMPORTANT SAFETY INSTRUCTIONS

Please read and understand all safety instructions before using the Eden PDG 60 Gravel Cleaner. Failure to follow

these instructions may result in electric shock, fire, or serious injury.

- Always disconnect the power supply before performing any maintenance or cleaning on the device.
- Do not operate the device if the power cord or plug is damaged.
- Ensure your hands are dry before handling the power plug or operating the device.
- This device is designed for indoor use only and specifically for aquarium cleaning. Do not use it for any other purpose.
- Keep out of reach of children.
- Ensure all connections are secure to prevent water leakage.

3. PACKAGE CONTENTS

Carefully unpack all components and check against the list below. If any parts are missing or damaged, please contact your retailer.





Figure 2: All components included with the Eden PDG 60 Gravel Cleaner. This image displays the main filter unit, two lengths of clear hose, two suction pipes (one wider, one narrower), small connectors, and a bracket for securing the unit to the aquarium rim.

- Eden PDG 60 Filter Container with integrated sponge
- Hoses (various lengths/diameters)
- Suction pipes (13 mm and 25 mm diameter)
- Hose connectors/adapters
- Mounting bracket for aquarium rim

4. SETUP INSTRUCTIONS

Follow these steps to assemble and prepare your Eden PDG 60 Gravel Cleaner for use:

1. **Attach Suction Pipe:** Select the appropriate suction pipe (13 mm or 25 mm) for your aquarium size and gravel type. Connect it securely to the inlet port of the filter container.
2. **Connect Hoses:** Attach one end of the provided hose to the outlet port of the filter container. This hose will return the clean water to the aquarium.
3. **Position Filter Container:** Use the mounting bracket to securely attach the filter container to the rim of your aquarium. Ensure it is stable and positioned correctly to allow water flow.
4. **Submerge Suction Pipe:** Carefully submerge the suction pipe into the aquarium water, ensuring it reaches the gravel bed you intend to clean.
5. **Prepare for Operation:** Ensure all connections are tight and the filter container is properly seated.



Figure 3: The Eden PDG 60 Gravel Cleaner attached to an aquarium and in operation. This image demonstrates how the unit sits on the aquarium rim, with hoses extending into the water for cleaning.

5. OPERATING INSTRUCTIONS

The Eden PDG 60 operates by drawing dirty water from the substrate, filtering it, and returning clean water to the aquarium, preventing excessive water removal.

1. **Initiate Flow:** Once the unit is set up and submerged, activate the cleaner. The device will begin to draw water and debris from the gravel.
2. **Clean Substrate:** Slowly move the suction pipe across the gravel bed, cleaning small sections at a time. The suction will pull up mulm, food residues, and other debris.
3. **Water Recirculation:** The dirty water enters the filter container, where the integrated sponge cleans it. The clean water is then returned to the aquarium via the outlet hose. This recirculation minimizes water loss during cleaning.
4. **Monitor Filter:** Periodically check the filter container for accumulated debris. If the flow rate significantly decreases, the filter sponge may need cleaning.
5. **Completion:** Once the desired area is clean, turn off the device and carefully remove it from the aquarium.

6. MAINTENANCE AND CLEANING

Regular maintenance ensures the longevity and efficient operation of your Eden PDG 60 Gravel Cleaner.

- **Filter Sponge Cleaning:** The integrated sponge should be cleaned regularly, especially when you notice a reduction in suction power.
 - a. Disconnect the power supply and remove the filter container from the aquarium.

- b. Open the filter container and carefully remove the sponge.
 - c. Rinse the sponge thoroughly under running water (preferably aquarium water or dechlorinated tap water) until all debris is removed. Do not use soap or detergents.
 - d. Reinsert the clean sponge into the filter container and reassemble the unit.
- **Hose and Pipe Cleaning:** Periodically clean the hoses and suction pipes to prevent blockages and maintain optimal flow. Use a flexible brush if necessary.
 - **Storage:** When not in use, clean and dry all components thoroughly before storing them in a cool, dry place away from direct sunlight.

7. TROUBLESHOOTING

If you encounter issues with your Eden PDG 60 Gravel Cleaner, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Reduced suction power	Clogged filter sponge	Clean the filter sponge as described in the Maintenance section.
Reduced suction power	Hose or suction pipe blockage	Check and clear any blockages in the hoses or suction pipes.
Water leakage	Loose connections	Ensure all hoses and pipes are securely connected to the filter container.
Device not turning on	No power supply	Check if the power plug is securely inserted into a working outlet.

8. TECHNICAL SPECIFICATIONS

EN

- Effective cleaning of dirt particles from the substrate
- Integrated, powerful pump
- Filtered water is returned to the aquarium
- Convenient bracket for secure attachment of hoses

DE

- Effektive Reinigung des Bodengrundes von Schmutzpartikeln
- Integrierte, leistungsstarke Pumpe
- Rückführung des gefilterten Wassers ins Aquarium
- Komfortable Halterung zur sicheren Befestigung der Schläuche

IT

- Pulizia efficace del fondale da particelle di sporco
- Pompa potente integrata
- Ritorno dell'acqua filtrata nell'acquario
- Comodo supporto per il fissaggio sicuro dei tubi flessibili

FR

- Nettoyage efficace des impuretés au fond de l'aquarium
- Pompe puissante intégrée
- Retour de l'eau filtrée dans l'aquarium
- Support pratique pour une fixation sûre des tuyaux

ES

- Limpieza eficaz de las partículas de suciedad del fondo
- Bomba de gran rendimiento integrada
- Retorno del agua filtrada al acuario
- Soporte cómodo para fijar las mangueras con seguridad

NL

- Effectieve verwijdering van vuildeeltjes van de bodem
- Geïntegreerde, krachtige pomp
- Terugvoer van het gefilterde water naar het aquarium
- Comfortabele houder voor stevige bevestiging van de slangen

PL

- Skuteczne czyszczenie podłoża z cząstek brudu
- Zintegrowana, wydajna pompa
- Powrót przefiltrowanej wody do akwarium
- Wygodny uchwyt do bezpiecznego mocowania węży

DA

- Effektiv rengøring for slampartikler af bundlaget
- Integreret, kraftig pumpe
- Tilbageføring af det filtrerede vand til akvariet
- Komfortabel holder til sikker fastgørelse af slangerne

SV

- Effektiv rengöring av smutspartiklar på botten
- Inbyggd, effektstark pump
- Returledning med filtrerat vatten till akvariet
- Bekväm hållare för säker fastsättning av slangarna

HU

- Az aljzat hatékony megtisztítása a szennyező részecskéktől
- Beépített, nagy teljesítményű szivattyú
- A megszárt víz visszakeringetése az akváriumba
- Kényelmes tartó a tömlők biztonságos rögzítéséhez

CS

- Efektivní odstraňování nečistot ze dna
- Integrované výkonné čerpadlo
- Návrat filtrované vody do akvária
- Pohodlný držák pro bezpečné upevnění hadic

SK

- Účinné čistenie spodnej časti od nečistôt
- Integrované, výkonné čerpadlo
- Recirkulácia filtrovanej vody do akvária
- Pohodlný držiak na bezpečné upevnenie hadíc

SL

- Učinkovito čiščenje delcev umazanije z dna
- Vgrajena visokozmogljiva črpalka
- Povratek filtrirane vode v akvarij
- Udobno držalo za varno pritrditev cevi

HR

- Učinkovito čišćenje dna od čestica prljavštine
- Integrirana snažna pumpa
- Vraćanje filtrirane vode u akvarij
- Udoban držač za sigurno pričvršćivanje crijeva

RO

- Curățare eficientă a substratului de particule de murdărie
- Pompă performantă integrată
- Returnarea apei filtrate în acvariu
- Suport confortabil pentru fixarea sigură a furtunurilor

BG

- Ефективно почистване на основата от частици мръсотия
- Интегрирана, мощна помпа
- Връщане на филтрираната вода в аквариума
- Удобен държач за сигурно закрепване на маркучите

UK

- Ефективне очищення ґрунту від частинок бруду
- Вбудований ефективний насос
- Рециркуляція відфільтрованої води в акваріумі
- Зручне кріплення надійно фіксує шланги

CN

- 有效清洁基土的污浊颗粒
- 内置高性能泵
- 将过滤后的水送回水族箱
- 便捷的支架可牢固地固定软管

PfG GmbH

Tecklenburger Str. 161

48477 Hörstel | Germany

www.edensrl.com

Figure 4: Detailed technical specifications for the Eden PDG 60 Gravel Cleaner, including power consumption and cable length.

Feature	Detail
Model	PDG 60
Maximum Filter Performance	300 l/h
Suction Pipe Diameter	13 mm and 25 mm

Feature	Detail
Package Dimensions	28.2 x 14.5 x 12.2 cm
Item Weight	790 Grams
Power Consumption (INT/US)	5 W / 4 W
Cable Length (INT/US)	2.1 m / 6.9 ft

9. WARRANTY INFORMATION

Eden products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Eden website. Keep your proof of purchase for any warranty claims.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your Eden PDG 60 Gravel Cleaner, please contact Eden customer support through their official website or the contact information provided on the product packaging.

Official Website: www.edensrl.com

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