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› MEDAS Automatic Submersible Pump 1/3HP (Model US-Easy-8500 auto 012) Instruction Manual

MEDAS US-Easy-8500 auto 012

MEDAS Automatic Submersible Pump 1/3HP

Model: US-Easy-8500 auto 012

INTRODUCTION

This manual provides essential information for the safe and efficient operation of your MEDAS Automatic Submersible Pump. This 1/3HP pump is designed for automatic water removal from various areas such as basements, pools, garden ponds, and other standing water sources. It features a smart sensor for automatic on/off functionality and is capable of draining water down to a minimal level.



Image: The MEDAS Automatic Submersible Pump, highlighting its ultra-low water level and auto on/off capabilities.

SAFETY INFORMATION

- Always disconnect the pump from the power source before handling, cleaning, or performing any maintenance.
- Do not operate the pump with a damaged cord or plug.
- Ensure the power outlet is properly grounded and protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not use this pump for flammable or corrosive liquids.
- Keep children and pets away from the pump during operation.
- Never run the pump dry for extended periods, as this can cause damage.
- Ensure the pump is placed on a stable, level surface.

PACKAGE CONTENTS

Verify that all components are present upon unpacking:

- MEDAS Automatic Submersible Pump (1/3HP)
- Multi-size Adapter
- 3/4-inch Garden Hose Adapter

Multi Outlet Choices

1 Multi-size Adapter

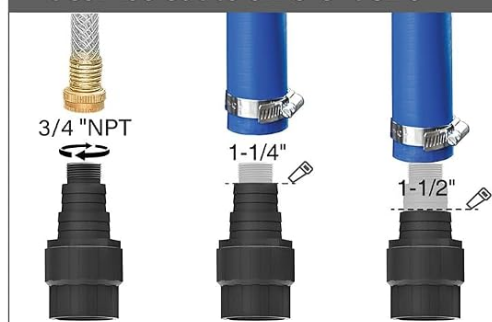


Multi-size Adapter
It can be cut to different size



Connector

It can be cut to different size



2 Single Adapter



Single Adapter

Suitable for American standard
3/4 "NPT garden hose.



3 Magnetic Induction Resetter

If the controller malfunctions due to program errors caused by long-term accumulation of oil stains or impurities that are difficult to remove, please remove the automatic controller, connect the pump to a power source, and touch the lower left corner inside the controller several times with a magnet. The pump will start running once this operation is successful.

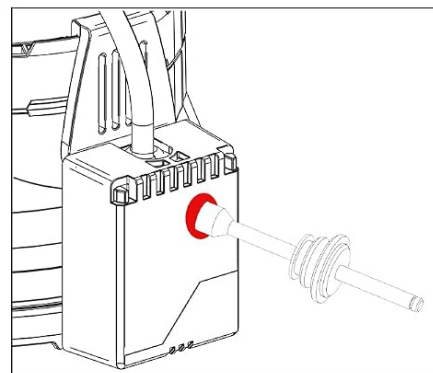
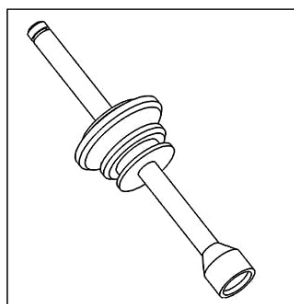


Image: Various outlet choices and adapters for the pump, including a multi-size adapter and a 3/4-inch NPT garden hose adapter.

SPECIFICATIONS

Specification	Value
Brand	MEDAS
Model Number	US-Easy-8500 auto 012
Horsepower	1/3 HP (0.33 hp)
Maximum Flow Rate	2450 GPH (41 gpm)

Maximum Lifting Height	26 feet
Voltage	115 volts
Power Source	Corded Electric
Product Dimensions (L x W x H)	8.86" x 5.47" x 9.15"
Discharge	1" NPT, 1-1/4", 1-1/2" (with adapters)
Material	Thermoplastic



The image shows a red and black submersible pump. The black top section has a label that reads 'MEDAS SUBMERSIBLE UTILITY PUMP' and '1/3 HP'. A discharge hose with a black adapter is connected to the top. The red base is the pump housing.

SPECIFICATIONS

Medas 012 Auto

VOLTAGE 115V/60HZ	HORSE POWER 1/3 HP
MAX.FLOW 2450 GPH	MAX.HEAD 26 FT
POWER CORD LENGTH 10 FT	DISCHARGE 3/4"NPT, 1-1/4", 1-1/2"

Image: Visual representation of the pump's key specifications, including voltage, horsepower, flow rate, and discharge sizes.

SETUP

- Attach Discharge Hose:** Connect a suitable discharge hose to the pump's outlet. The pump includes a multi-size adapter and a 3/4-inch garden hose adapter for flexibility. Ensure the connection is secure to prevent leaks.
- Position the Pump:** Place the pump in the area where water needs to be removed. Ensure it is on a stable, flat surface and fully submerged in water for optimal operation. The pump is designed to activate automatically when the water level reaches approximately 1 inch.
- Electrical Connection:** Plug the pump into a properly grounded 115-volt outlet protected by a GFCI. The pump will automatically begin operation once the water level reaches the activation threshold.

ULTRA-LOW

START LEVEL



MINIMAL

WATER LEFT

Image: The pump illustrating its minimum auto start level, which is approximately 1 inch of water.

Your browser does not support the video tag.

Video: An official demonstration of the MEDAS Automatic On/Off Submersible Pump, showing its setup and automatic operation.

OPERATING INSTRUCTIONS

The MEDAS Automatic Submersible Pump is designed for hands-off operation thanks to its integrated smart sensor.

- **Automatic Activation:** The pump will automatically turn on when the water level reaches approximately 1 inch (Min. Auto Start Level).
- **Automatic Deactivation:** The pump will automatically turn off when the water level drops below 1/5 inch (Min. Auto Stop Level). It will continue pumping for approximately 15 seconds after shut-off to drain water down to 1/25 inch, ensuring minimal water residue.
- **Continuous Monitoring:** The smart sensor continuously monitors the water level, activating and deactivating the pump as needed without manual intervention.

ULTRA-LOW START LEVEL MINIMAL WATER LEVEL



Image: Diagram illustrating the precise start and stop water levels for the automatic operation of the pump.

MAINTENANCE

Regular maintenance ensures the longevity and efficient performance of your pump.

- **Cleaning:** Periodically clean the pump's intake screen to remove debris that may obstruct water flow. Disconnect power before cleaning.
- **Inspection:** Regularly inspect the power cord and discharge hose for any signs of wear or damage. Replace damaged components immediately.
- **Magnetic Induction Resetter:** If the automatic controller malfunctions due to long-term accumulation of oil stains or impurities, remove the automatic controller, connect the pump to a power source, and touch the lower left corner inside the controller several times with a magnet. The pump should then resume normal operation.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Pump does not turn on.	No power, water level too low, clogged intake, sensor malfunction.	Check power connection and GFCI. Ensure water level is above 1 inch. Clean intake screen. Perform Magnetic Induction Resetter procedure.
Pump runs but little to no water is discharged.	Clogged intake screen, kinked or blocked discharge hose, airlock.	Clean intake screen. Clear any obstructions in the hose. Briefly lift and lower the pump to release air.
Pump does not turn off.	Sensor malfunction, debris interfering with sensor.	Inspect sensor for debris and clean if necessary. Perform Magnetic Induction Resetter procedure.
Pump makes unusual noise.	Debris in impeller, pump running dry.	Disconnect power and inspect impeller for debris. Ensure pump is fully submerged when operating.

WARRANTY AND SUPPORT

Your MEDAS Automatic Submersible Pump includes a **1-year warranty** from the date of purchase. For any questions, concerns, or technical assistance, please contact our dedicated Service Team. We are committed to resolving issues promptly and ensuring your complete satisfaction, with assistance typically provided within 24 hours.

Please refer to your purchase documentation for specific contact details.

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

Email

you@example.com

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