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› Raneped Immersion Heater (Model Water 001) Instruction Manual

## Raneped Water 001

# Raneped Immersion Heater (Model Water 001)

Instruction Manual

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## 1. INTRODUCTION

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The Raneped Immersion Heater (Model Water 001) is a portable, dual-voltage device designed for quickly heating liquids such as water, coffee, tea, or soup. Its compact and lightweight design makes it suitable for both home use and travel, offering convenience wherever you need hot beverages. This manual provides essential information for safe and effective use of your immersion heater.

## Portable Immersion Heater for warming liquids water, coffee, tea



The Raneped Immersion Heater is designed for warming various liquids like water, coffee, or tea.

## 2. SAFETY INSTRUCTIONS

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**Please read all safety instructions carefully before using the immersion heater to prevent injury or damage.**

- **Keep Hands Off:** Never place your hand into the liquid while the heating element is plugged into an outlet. Always disconnect the power before touching the liquid or removing the heating element.
- **Cool Down Before Handling:** After use, allow the immersion heater to cool down for several minutes before handling to avoid burns. The heating element remains hot for a period after being unplugged.
- **Correct Water Level:** Ensure the heating coil is fully submerged in the liquid, but do not allow the water level to reach the electrical connection point. The water level should not be too low (exposing the coil) or too high (submerging the handle).
- **Child Safety:** Keep the immersion heater out of reach of children at all times.
- **Intended Use:** Use only for heating liquids. Do not use for other purposes.
- **Voltage Compatibility:** This heater supports dual voltage (120V-300W and 240V-600W). Always ensure the correct voltage adapter is used for your location.
- **Avoid Dry Heating:** Never plug in the heater if it is not fully submerged in liquid. Dry heating can cause damage to the unit and pose a fire hazard.

- **Inspect Before Use:** Before each use, inspect the heater and cord for any signs of damage. Do not use if damaged.

Attention: Please place the water heater correctly when using it. The water level should not be too low or too high. Do not touch it with your hands and keep it away from children!

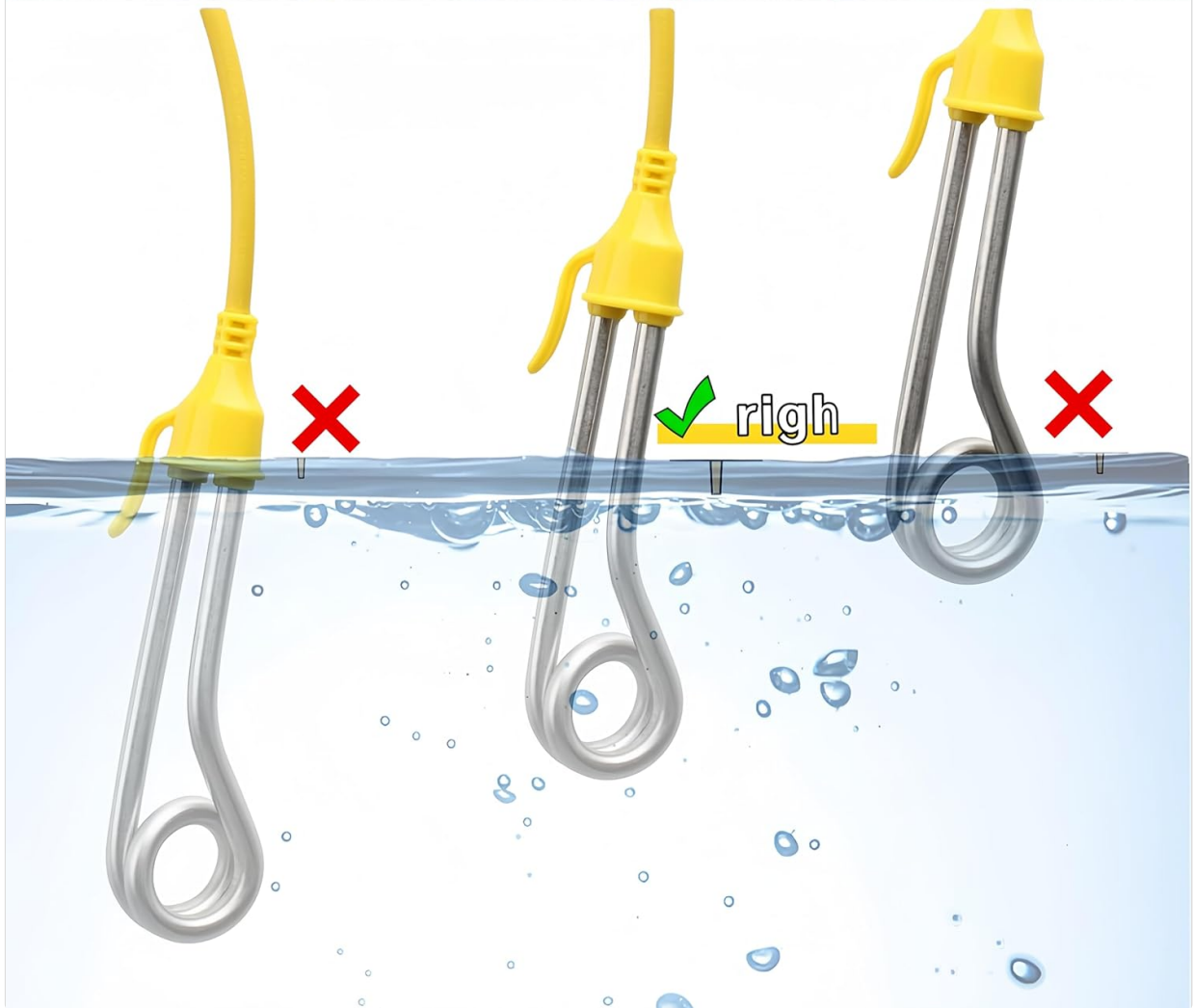


Illustration demonstrating the correct water level for safe operation of the immersion heater. The heating coil must be fully submerged, but the electrical connection should remain above the liquid.

### 3. SETUP

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Before using your Raneped Immersion Heater, ensure you have the necessary components and understand the voltage requirements for your location.

1. **Unpack Components:** Carefully remove the immersion heater and any included adapters from its packaging.
2. **Identify Adapters:** The heater comes with a US plug and typically includes European adapters for international travel. Select the appropriate adapter for your region.
3. **Prepare Container:** Choose a heat-resistant container (cup, mug, pot) that can safely hold the liquid you intend to heat. Ensure the container is stable.



The immersion heater includes a standard US plug and a European adapter for versatile use during travel. The wire length is approximately 29.5 inches (75 cm).

## 4. OPERATING INSTRUCTIONS

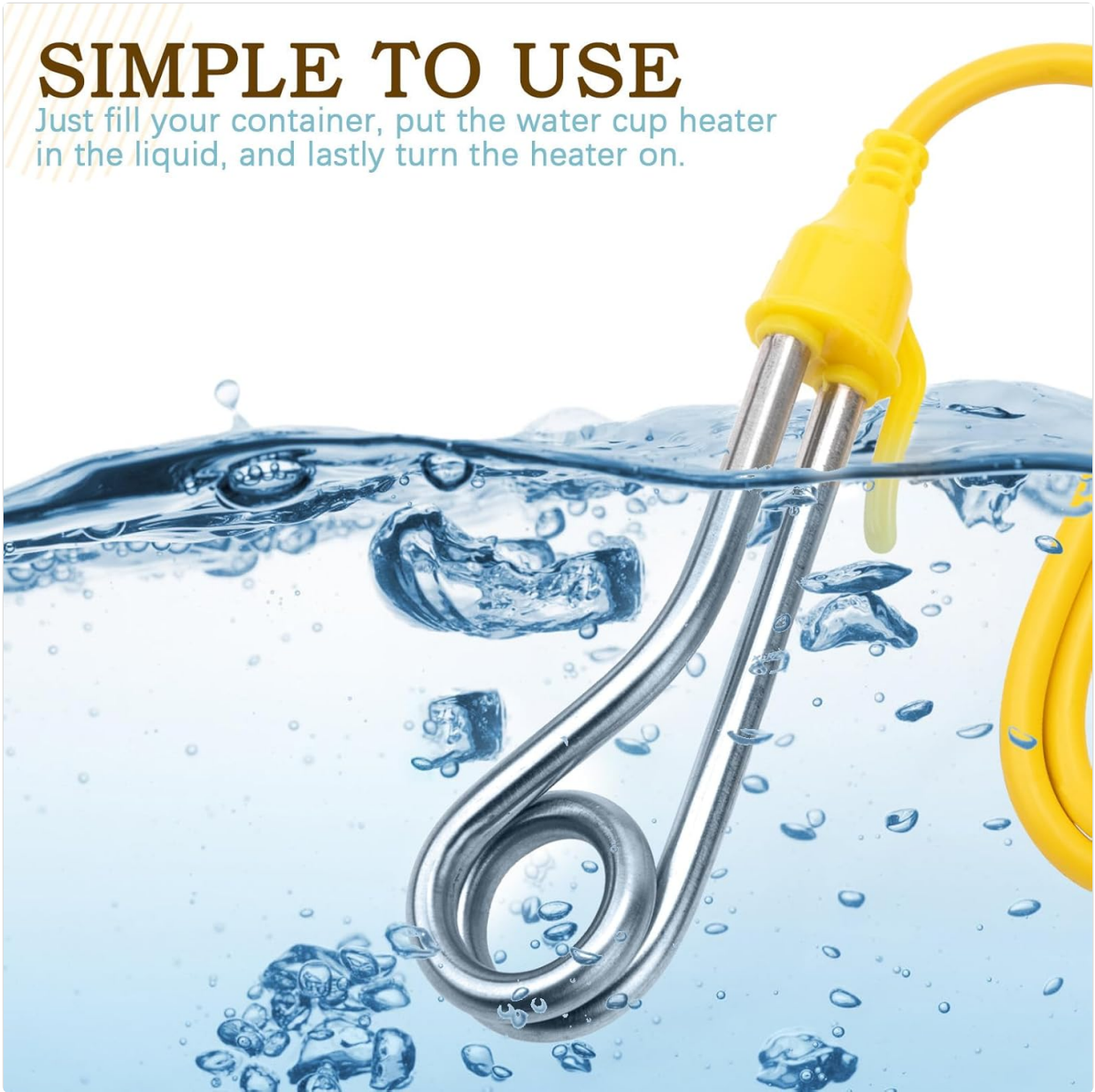
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Follow these steps for safe and effective operation of your immersion heater:

1. **Fill Container:** Pour the desired liquid into your heat-resistant container.
2. **Insert Heater:** Place the immersion heater into the liquid, ensuring the metal heating coil is fully submerged. Refer to the safety instructions regarding correct water levels. The plastic handle and electrical connection must remain above the liquid surface.
3. **Connect Power:** Plug the heater into a suitable electrical outlet. If traveling, use the appropriate adapter for the local voltage. The heater will begin to warm the liquid.
4. **Monitor Heating:** Keep an eye on the liquid as it heats. Heating times will vary depending on the volume of liquid, its initial temperature, and the local voltage (120V-300W or 240V-600W).
5. **Disconnect Power:** Once the desired temperature is reached, **unplug the heater from the outlet immediately.**
6. **Remove Heater:** Carefully remove the heater from the liquid. Place it on a heat-resistant surface and allow it to cool completely before storing.

# SIMPLE TO USE

Just fill your container, put the water cup heater in the liquid, and lastly turn the heater on.



The immersion heater is simple to use: fill your container, submerge the heater in the liquid, and then plug it in.

## 5. MAINTENANCE

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Proper care will extend the life of your immersion heater.

- **Cleaning:** After the heater has cooled completely, wipe the heating element with a damp cloth to remove any residue. Do not immerse the electrical plug or handle in water. For stubborn mineral deposits, a mild descaling solution or vinegar can be used on the metal coil, followed by a thorough rinse (avoiding electrical parts).
- **Storage:** Store the clean, dry heater in a cool, dry place, away from direct sunlight and moisture. Ensure the cord is not tightly wrapped or kinked.
- **Inspection:** Periodically check the cord and heating element for any signs of wear, cuts, or damage. If any damage is observed, discontinue use and replace the unit.

## 6. TROUBLESHOOTING

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If you encounter issues with your immersion heater, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Heater not turning on	Not plugged in correctly; Power outlet malfunction; Damaged unit	Ensure plug is fully inserted. Test outlet with another device. If still not working, the unit may be damaged and require replacement.
Liquid heating too slowly	Large volume of liquid; Low power setting (120V vs 240V); Very cold initial liquid temperature	Heating times vary. For 8 oz of cold water (67°F) at 120V, it can take approximately 13-15 minutes to boil. Ensure you are using the appropriate voltage for faster heating if available (240V provides 600W, 120V provides 300W).
Heater sparking or smoking	Dry heating; Electrical fault; Damaged unit	<b>Immediately unplug the unit.</b> Do not use the heater again. This indicates a serious malfunction or improper use.
Mineral buildup on coil	Hard water use	Clean the coil with a damp cloth or a mild descaling solution/vinegar after the unit has cooled and is unplugged. Rinse thoroughly.

## 7. SPECIFICATIONS

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Feature	Detail
Brand	Raneped
Model Number	Water 001
Voltage	120V / 240V (Dual Voltage)
Wattage	300W (at 120V) / 600W (at 240V)
Material	Metal, Plastic
Product Dimensions	Approximately 1 x 1 x 1 inches (main unit)
Item Weight	3.87 ounces
Cord Length	Approximately 29.5 inches (75 cm)
Included	Immersion Heater, US Plug, European Adapter

## 8. WARRANTY & SUPPORT

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For information regarding warranty coverage, returns, or technical support for your Raneped Immersion Heater (Model Water 001), please refer to the retailer where the product was purchased or contact Raneped customer service directly through their official channels. Keep your purchase receipt as proof of purchase.