

## Ariston Andris RS

# Ariston Andris RS Heating Element (4 & 8 Gallon) User Manual

Replacement Part #65118182

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## 1. INTRODUCTION

This manual provides essential instructions for the safe and correct installation, operation, and maintenance of the Ariston Andris RS Heating Element, part number 65118182. This heating element is designed as a replacement part for Ariston Andris RS 4-gallon and 8-gallon electric mini-tank water heaters. Please read this manual thoroughly before proceeding with any installation or maintenance procedures.

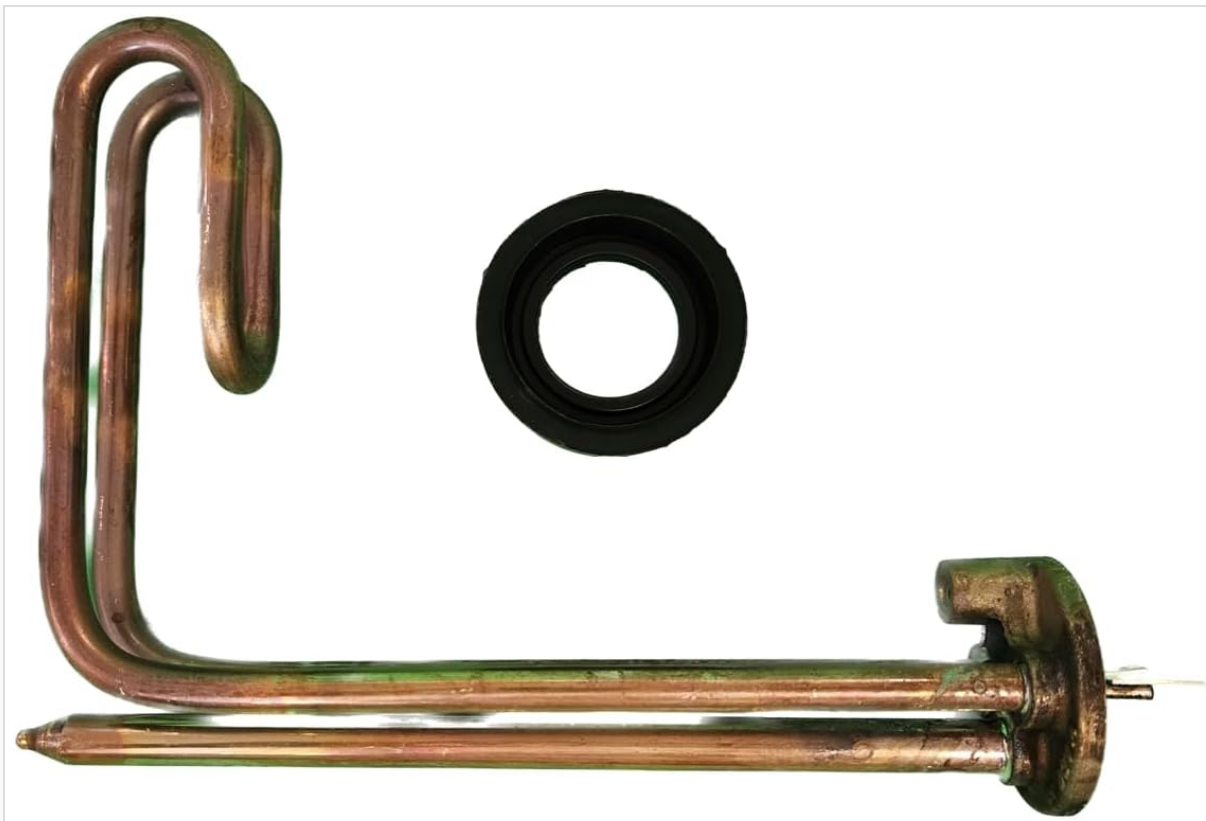
## 2. SAFETY INFORMATION

**WARNING: Risk of electric shock. Disconnect power before servicing.**

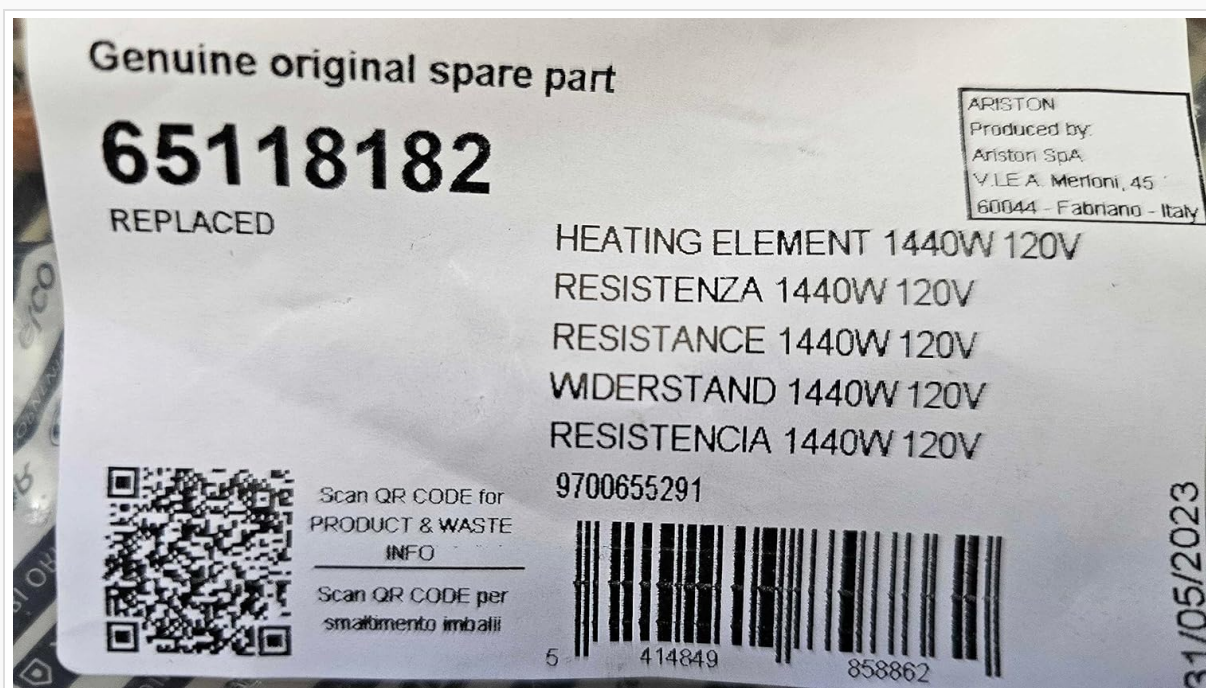
- Installation and servicing must be performed by a qualified technician in accordance with all local codes and regulations.
- Ensure the water heater's power supply is completely disconnected at the circuit breaker before beginning any work.
- Drain the water heater completely before attempting to remove or install the heating element.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Do not operate the water heater without water in the tank, as this will damage the heating element.

## 3. PRODUCT OVERVIEW

The Ariston Andris RS Heating Element (Part #65118182) is a critical component responsible for heating water within your Ariston Andris RS mini-tank water heater. It is compatible with both 4-gallon and 8-gallon models. The element is typically U-shaped and includes a rubber gasket for a watertight seal.



**Figure 1:** The Ariston Andris RS Heating Element (Part #65118182) shown with its accompanying rubber gasket. This component is responsible for heating the water inside the mini-tank water heater.



**Figure 2:** Close-up of the product packaging label, confirming the part number 65118182 and specifications (1440W 120V). The QR code on the label links to additional product and waste information at [sparepartsrequirements.aristongroup.com/it](https://sparepartsrequirements.aristongroup.com/it).

## 4. INSTALLATION

This section outlines the general procedure for replacing the heating element. Refer to your specific Ariston Andris RS water heater manual for detailed instructions and diagrams relevant to your model.

### 4.1. Tools Required

- Adjustable wrench or socket set
- Screwdriver (Phillips and/or flathead)
- Voltmeter (for verifying power disconnection)
- Bucket or wet/dry vacuum (for water drainage)
- Teflon tape or pipe thread sealant (if disturbing water connections)

## 4.2. Pre-Installation Steps

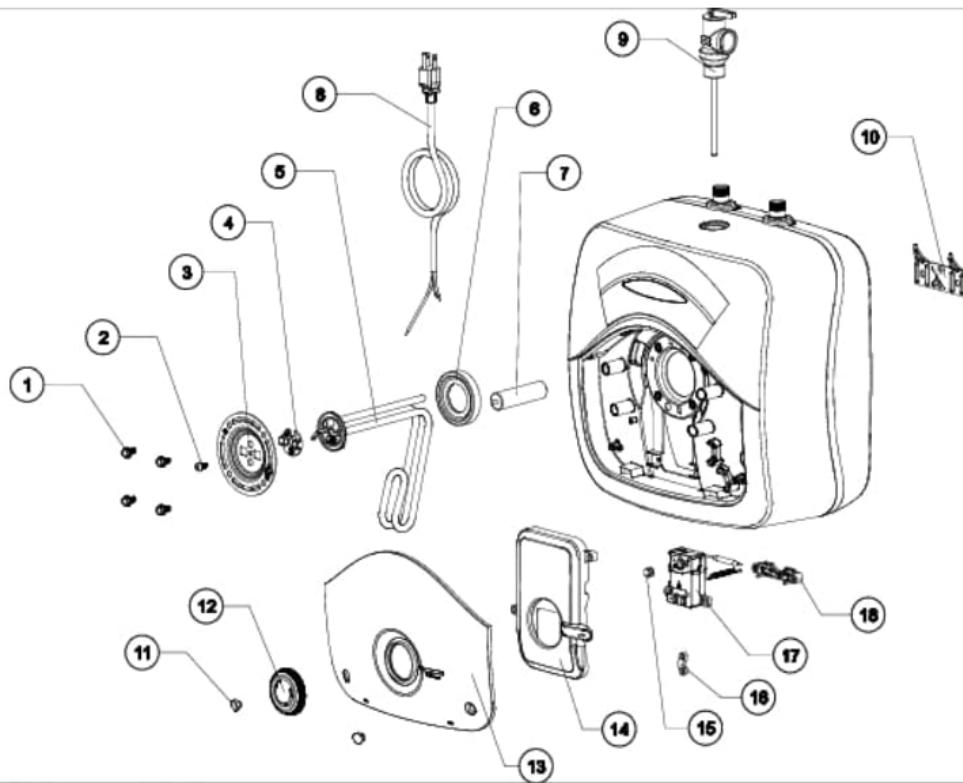
1. **Disconnect Power:** Locate the circuit breaker for the water heater and switch it to the OFF position. Verify with a voltmeter that no power is present at the water heater's electrical connections.
2. **Turn Off Water Supply:** Close the cold water inlet valve to the water heater.
3. **Drain Water Heater:** Connect a hose to the drain valve at the bottom of the water heater and direct it to a suitable drain. Open the drain valve and open a hot water faucet in your home to allow air into the tank, facilitating drainage. Allow the tank to drain completely.
4. **Access Element:** Remove the access panel covering the heating element. This usually involves unscrewing a few screws.

## 4.3. Element Replacement Procedure

1. **Disconnect Wiring:** Carefully disconnect the electrical wires from the old heating element terminals. Note their positions for correct re-connection.
2. **Remove Old Element:** Use an appropriate wrench to loosen and remove the nuts securing the heating element flange. Once loose, carefully pull the old heating element out of the tank. Be prepared for residual water.
3. **Clean Flange Opening:** Clean any sediment or debris from the heating element opening and the tank's flange surface.
4. **Install New Gasket:** Place the new rubber gasket (supplied with the element) onto the flange of the new heating element. Ensure it is seated correctly.
5. **Insert New Element:** Carefully insert the new heating element into the tank opening, ensuring the gasket forms a proper seal.
6. **Secure Element:** Tighten the nuts onto the heating element studs evenly and securely. Do not overtighten.
7. **Reconnect Wiring:** Reconnect the electrical wires to the new heating element terminals in their original positions. Ensure connections are tight.

## 4.4. Post-Installation Steps

1. **Refill Tank:** Close the drain valve. Open the cold water inlet valve to the water heater. Open a hot water faucet in your home to allow air to escape while the tank fills. Once water flows steadily from the hot water faucet, close the faucet.
2. **Check for Leaks:** Inspect the new heating element installation for any signs of water leaks. Tighten nuts slightly if necessary.
3. **Restore Power:** Once you are certain there are no leaks and all connections are secure, return the circuit breaker to the ON position.
4. **Test Operation:** Allow the water heater to heat up. Check for hot water at a faucet after a sufficient heating period.



**Figure 10 - Replacement Parts**

Item #	Description	Part #			Item #	Description	Part #		
		Model					Model		
		2.5	4	8			2.5	4	8
1	Screw M6x12 (flange fixing)	65114656	65114656	65114656	10	Wall Hanging Bracket	570341	570341	570341
2	Screw M6x12 (element fixing)	993000	993000	993000	11	Screw cover	65118185	65118185	65118185
3	Flange	65115359	65115359	65115359	12	Knob	65118186	65118186	65118186
4	Faston protection	65118180	65118180	65118180	13	Plastic cover	65118187	65118187	65118188
5	Heating element	65118181	65118182	65118182	14	Plastic protection	65118189	65118189	65118190
6	Heating element gasket	65116115	65116115	65116115	15	Thermostat lever	570029	570029	570029
7	Magnesium anode	65103768-01	65103768-01	65103768-01	16	Cable clip	65150321	65150321	65150321
8	Power cable	65118183	65118183	65118184	17	TBSB Wired Thermostat	65118191	65118192	65118192
9	T&P Valve 3/4"	65150323	65150323	65150323	18	Support for TBSB Thermostat	65115134	65115134	---

**Figure 3:** Exploded diagram of the Ariston Andris RS water heater, illustrating the location of various components. Item 5 in the diagram corresponds to the Heating Element (Part #65118182), which is compatible with both 4 and 8 gallon models as indicated in the accompanying table.

## 5. OPERATION

Once installed and the water heater is refilled and powered, the heating element will automatically begin to heat the water to the temperature set by the thermostat. The element cycles on and off as needed to maintain the desired water temperature. No direct user interaction with the heating element itself is required during normal operation.

## 6. MAINTENANCE

Regular maintenance of your water heater can extend the life of all components, including the heating element.

- **Anode Rod Inspection:** Periodically inspect and replace the anode rod (Item 7 in Figure 3) as recommended by your water heater's manual. A depleted anode rod can lead to premature element failure due to corrosion.
- **Tank Flushing:** Flush the water heater tank annually to remove sediment buildup. Sediment can insulate the heating element, causing it to overheat and fail prematurely.
- **Leak Checks:** Regularly check around the heating element and other connections for any signs of leaks. Address leaks promptly to prevent damage.

## 7. TROUBLESHOOTING

If you experience issues with your hot water supply after replacing the heating element, consider the following:

- **No Hot Water:**
  - Check the circuit breaker to ensure power is supplied to the water heater.
  - Verify the thermostat setting.
  - Ensure the tank is full of water. Operating a dry tank will cause element failure.
- **Insufficient Hot Water:**
  - Allow sufficient time for the water heater to recover after heavy use.
  - Check for proper thermostat operation.
- **Leaks Around Element:**
  - Ensure the heating element nuts are tightened evenly and securely.
  - Verify the gasket is properly seated and not damaged.

For persistent issues, contact a qualified technician.

## 8. SPECIFICATIONS

Specification	Detail
Part Number	65118182
Compatibility	Ariston Andris RS 4-gallon and 8-gallon electric mini-tank water heaters
Power Rating	1440W
Voltage	120V
Item Weight	2 pounds
Package Dimensions	10 x 6 x 6 inches

## 9. WARRANTY AND SUPPORT

For warranty information, please refer to the documentation provided with your original Ariston Andris RS water heater or contact Ariston customer support directly. For additional product and waste information,

you may scan the QR code on the product packaging or visit the Ariston spare parts website:  
[sparepartsrequirements.aristongroup.com/it](https://sparepartsrequirements.aristongroup.com/it).

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