

Richmat HJT17

Richmat Power Adapter HJT17 ZB-H290020-B User Manual

Model: HJT17 ZB-H290020-B

PRODUCT OVERVIEW

The Richmat Power Adapter Model HJT17 ZB-H290020-B is a Class 2 power unit designed as a replacement power supply kit for most adjustable beds and recliners. It features a 2-pin connection, ensuring compatibility with devices that utilize this specific configuration. This power supply is essential for the proper functioning of your adjustable furniture.

Key features include:

- Compatible with most adjustable beds and recliners requiring a 2-pin connection (one flat, one round).
- Includes a 9V battery backup feature for emergency position reset.
- Designed for reliable power delivery to your furniture's motor.

SAFETY INFORMATION AND WARNINGS

Please read all safety warnings carefully before installation and use to prevent injury or damage to the product.



Image: Top view of the Richmat power adapter showing warning labels in multiple languages. The labels advise against

placing the transformer or wires under furniture, allowing wires to become entangled in the recliner mechanism, walking on the transformer, or placing items on it.

WARNING: Do not place the transformer or wires under furniture, or allow wires to become entangled in the recliner mechanism.

WARNING: Do not walk on or place items on the transformer.

CAUTION: Risk of electric shock. Dry location use only. For indoor use only.

SETUP

1. **Unpack the Power Adapter:** Carefully remove the power adapter from its packaging. Inspect it for any visible damage.
2. **Identify Connections:** Locate the 2-pin output connector on the power adapter and the corresponding input port on your adjustable bed or recliner motor. Ensure the connection type matches (one flat pin, one round pin).
3. **Connect to Motor:** Firmly insert the 2-pin connector from the power adapter into the motor's input port. Ensure a secure fit.
4. **Connect to Wall Outlet:** Plug the AC power cord (not included with this power supply only unit, but typically part of the furniture's original setup) into the power adapter's AC input port. Then, plug the other end of the AC power cord into a standard wall outlet (100-240V AC, 50/60Hz).
5. **Battery Backup Installation (Optional but Recommended):**



Image: Side view of the Richmat power adapter showing the open compartment for a 9V battery, with battery clips visible.

The power adapter includes a compartment for a 9V battery (not included). This battery provides backup power to reset the furniture's position in case of a power outage.

- Open the 9V battery compartment cover.
- Connect a fresh 9V battery to the battery clips, observing polarity (+ to + and - to -).
- Close the battery compartment cover securely.

6. **Cable Management:** Ensure all cables are routed safely and are not pinched, tangled, or placed in areas where they could be walked on or damaged by the furniture's moving parts.



Image: Angled view of the Richmat power adapter, highlighting the AC input port where the main power cord connects.

OPERATING INSTRUCTIONS

Once the power adapter is correctly installed and connected, your adjustable bed or recliner should function normally using its integrated controls.

9V Battery Backup Function

The 9V battery backup allows for emergency operation in the event of a power outage. This feature is designed to allow you to return your furniture to a flat or desired position when main power is unavailable.

- In case of a power failure, the 9V battery will provide temporary power to the motor.
- Use your furniture's remote or control panel to adjust its position. Note that the battery backup may only provide enough power for a limited number of adjustments.
- It is recommended to replace the 9V battery annually or after each use during a power outage to ensure readiness.

MAINTENANCE

- **Cleaning:** Disconnect the power adapter from the wall outlet before cleaning. Wipe the exterior with a dry, soft cloth. Do not use liquid cleaners or sprays.
- **Environment:** Ensure the power adapter is kept in a dry location, away from moisture, direct sunlight, and extreme temperatures.
- **Cable Inspection:** Periodically inspect the power cord and the adapter's cables for any signs of wear, cuts, or damage. If damage is found, discontinue use and replace the unit.

- **Battery Replacement:** If using the 9V battery backup, replace the battery regularly (e.g., annually) to ensure it is functional when needed.

TROUBLESHOOTING

No Power to Furniture

- **Check Connections:** Ensure the power adapter is securely plugged into both the wall outlet and the furniture's motor.
- **Verify Outlet:** Test the wall outlet with another device to confirm it is receiving power.
- **Inspect Cables:** Check the power cord and adapter cables for any visible damage.
- **Correct Connection Type:** Confirm that your furniture's motor requires a 2-pin connection (one flat, one round) as this adapter is designed for that specific type. If the connection does not match, the adapter will not work.

9V Battery Backup Not Working

- **Check Battery:** Ensure a fresh 9V battery is correctly installed in the battery compartment, observing polarity.
- **Battery Age:** Replace the 9V battery if it is old or has been used multiple times during power outages.

Unusual Noises or Smells

- Immediately unplug the power adapter from the wall outlet.
- Do not attempt to repair the unit. Contact customer support for assistance.

SPECIFICATIONS



Image: Bottom view of the Richmat power adapter, displaying the detailed specification label including model number, input/output ratings, and certifications.

Attribute	Detail
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Brand	Richmat
Model Name	HJT17
Model Number	ZB-H290020-B
Input	100-240V AC, 50/60Hz, 1.6A
Output	29.0V DC, 2.0A (58.0W)
Duty Cycle	Max 10%, Max 2min ON / 18min OFF
Class	Class 2 Power Unit
Material	Plastic
Color	Black

WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available documentation. Please refer to your original purchase receipt or contact the retailer where the product was purchased for warranty details. For technical support or inquiries regarding the Richmat Power Adapter HJT17 ZB-H290020-B, please contact Richmat customer service or the seller from whom you purchased the product.

Manufacturer: Richmat