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› BONKZEBU Submersible Pump Control Box (US Plug 110V) Instruction Manual

BONKZEBU BONKZEBUny28bhqrx-11

BONKZEBU Submersible Pump Control Box (US Plug 110V) Instruction Manual

1. PRODUCT OVERVIEW

This manual provides essential instructions for the safe and efficient installation, operation, and maintenance of your BONKZEBU Submersible Pump Control Box. This control box is designed to connect and manage deep well submersible pumps, ensuring reliable water supply and drainage.

ABS shell

Excellent material, strong and thick
Fine workmanship, smooth surface, long use time
Built in thermal protection circuit breaker

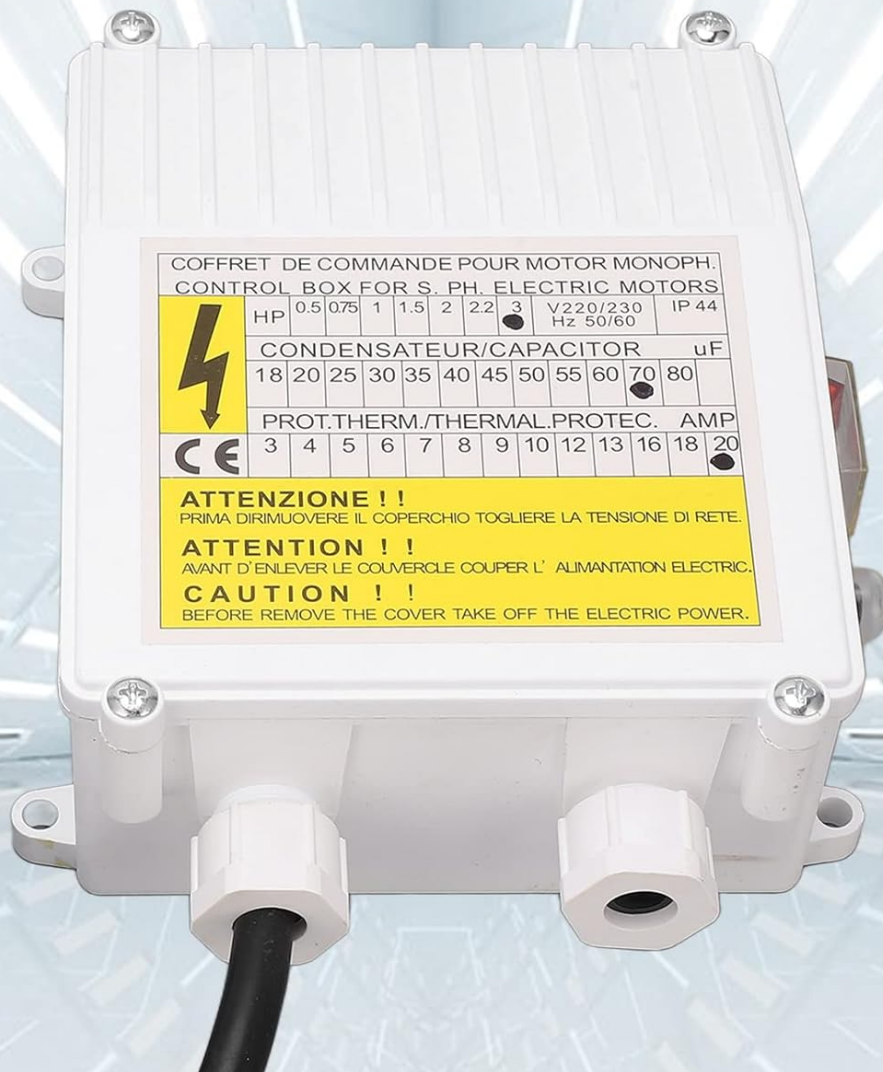


Image 1.1: Front view of the BONKZEBU Submersible Pump Control Box.

Key Features:

- **Durable ABS Shell:** Constructed from high-quality ABS material, offering impact resistance, scratch resistance, and environmental friendliness.

Deep Well Pump Control Box

Used to connect deep well submersible pump
Easy to operate

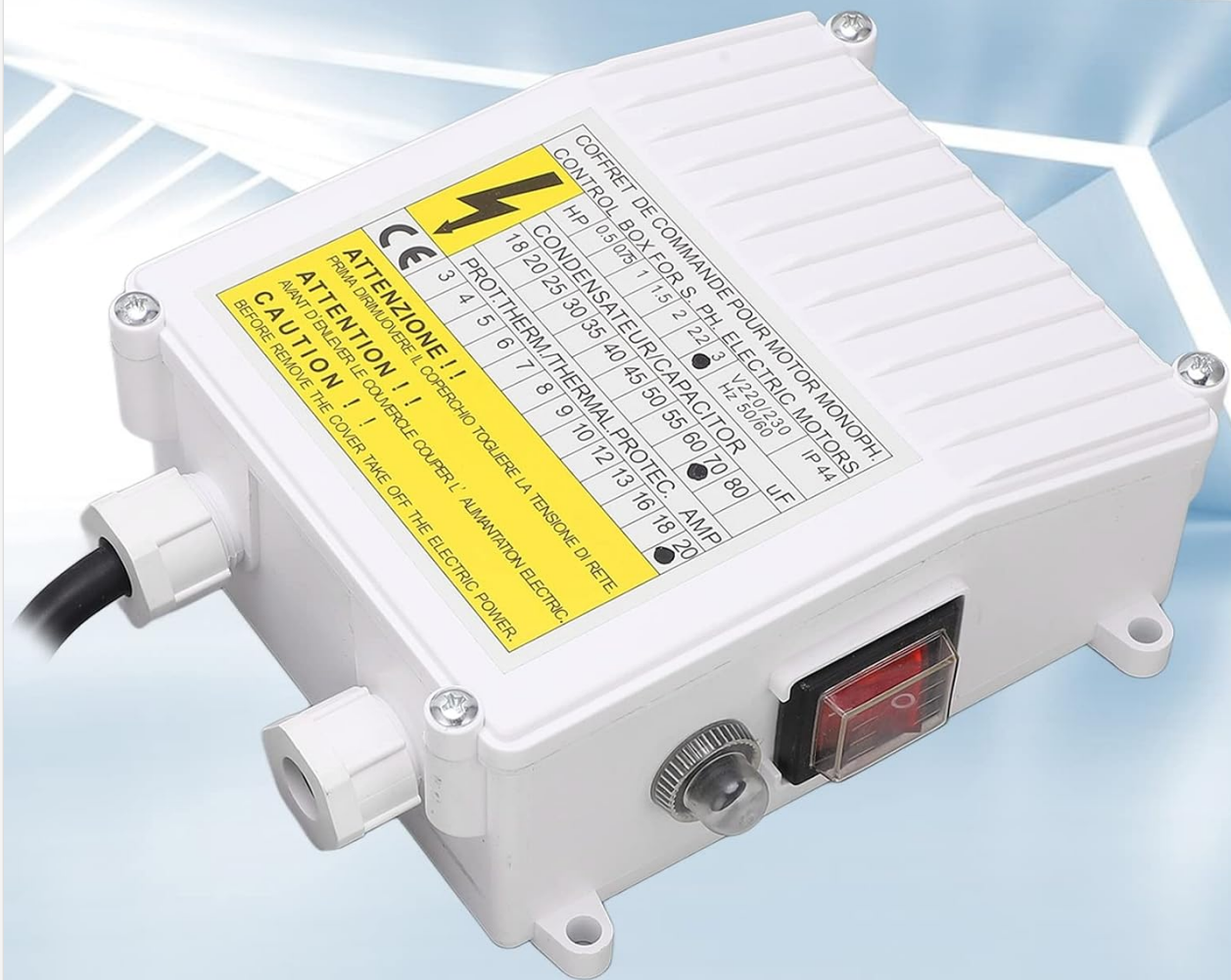


Image 1.2: The control box features a durable ABS shell.

- **Integrated Thermal Protection:** Features a built-in thermal protection circuit breaker for enhanced safety and longevity of the pump system.
- **Robust Construction:** Made with excellent, strong, and thick materials, ensuring a smooth surface and extended service life.
- **Easy Operation:** Designed for straightforward connection and control of deep well submersible pumps.
- **Corrosion-Resistant Components:** Utilizes stainless steel materials for erosion resistance, good mechanical properties, and high strength.

2. SAFETY INFORMATION

WARNING: Before performing any installation, maintenance, or troubleshooting, always ensure the power supply to the control box is completely disconnected. Failure to do so can result in electric shock, serious injury, or death.



Image 2.1: Warning label indicating to disconnect power before removing the cover.

- Read all instructions carefully before installation and operation.
- Ensure all electrical connections are made by a qualified electrician and comply with local electrical codes.
- Do not operate the control box if it is damaged or appears to be malfunctioning.
- Keep children and unauthorized personnel away from the control box during operation.
- Protect the control box from moisture and direct exposure to weather unless specifically rated for outdoor use.

3. SETUP AND INSTALLATION

The BONKZEBU Submersible Pump Control Box is designed for direct installation and connection to a deep well submersible pump.

Installation Steps:

1. **Power Disconnection:** Ensure the main power supply to the installation area is completely turned off at the circuit

breaker.

2. **Mounting:** Securely mount the control box in a dry, protected location, away from direct sunlight and extreme temperatures. Use appropriate fasteners for the mounting surface.
3. **Pump Connection:** Connect the submersible pump's power cable to the designated terminals inside the control box. Refer to the wiring diagram provided with your submersible pump for correct terminal identification.
4. **Power Supply Connection:** Connect the incoming 110V AC power supply to the control box. The control box features a US plug for standard 110V outlets.



Image 3.1: The control box features a US plug for 110V power supply.

5. **Grounding:** Ensure proper grounding of the control box and the pump system according to local electrical codes.
6. **Cable Glands:** Tighten all cable glands securely to prevent moisture ingress and ensure strain relief for the cables.

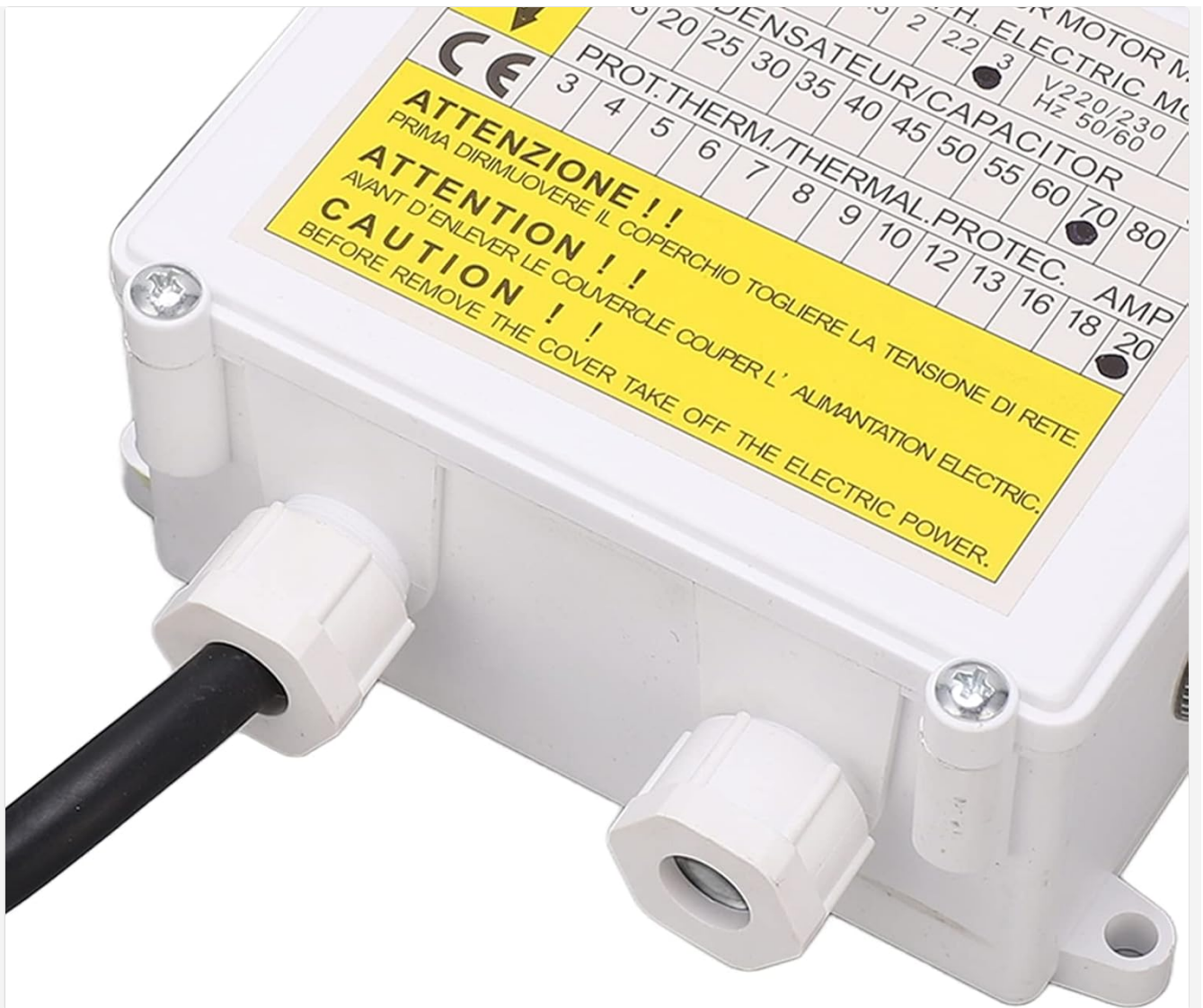


Image 3.2: Securely tightened cable glands.

7. **Final Check:** Double-check all connections for tightness and correctness before restoring power.

4. OPERATING INSTRUCTIONS

Once the control box is properly installed and connected, operating your submersible pump is straightforward.

To Operate the Pump:

1. **Restore Power:** Turn on the main power supply to the control box at the circuit breaker.
2. **Activate Pump:** Locate the ON/OFF switch on the front of the control box. Flip the switch to the "ON" position to start the submersible pump.



Image 4.1: The red ON/OFF switch for pump activation.

3. **Deactivate Pump:** To turn off the pump, flip the switch to the "OFF" position.

The built-in thermal protection circuit breaker will automatically trip if the pump motor overheats or draws excessive current, protecting the pump from damage. If this occurs, turn off the control box, allow the pump to cool, and investigate the cause of the overload before resetting and restarting.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and optimal performance of your BONKZEBU Submersible Pump Control Box.

- **Periodic Inspection:** Periodically inspect the control box for any signs of physical damage, corrosion, or loose connections.
- **Cleaning:** Keep the exterior of the control box clean and free from dust and debris. Use a soft, dry cloth for cleaning. Do not use abrasive cleaners or solvents.
- **Connection Checks:** Annually, or as needed, with the power disconnected, check all electrical connections for tightness.
- **Environmental Protection:** Ensure the control box remains protected from harsh environmental conditions, especially moisture.

For any internal maintenance or repairs, it is recommended to consult a qualified technician.

6. TROUBLESHOOTING

This section provides solutions to common issues you might encounter with your control box.

Problem	Possible Cause	Solution
Pump does not start when switch is ON.	- No power supply to the control box. - Thermal protection circuit breaker tripped. - Loose electrical connections. - Faulty pump motor.	- Check main power supply and circuit breaker. - Turn off the control box, allow to cool, then reset the breaker (if applicable) and restart. Investigate overload cause. (Power OFF) Check all wiring connections for tightness. - Consult a pump technician.
Pump runs intermittently or cycles too frequently.	- Low water level in well. - Pressure switch malfunction (if applicable to your system). - Control box component issue.	- Check well water level. - Inspect and test pressure switch. - Consult a qualified electrician or technician.
Control box feels hot.	- Overload condition on the pump. - Poor ventilation around the control box. - Internal component failure.	- Turn off power, allow to cool, investigate pump for issues (e.g., clogged impeller, low voltage). - Ensure adequate airflow around the box. - Consult a qualified electrician or technician.

If you are unable to resolve an issue using the troubleshooting guide, contact a qualified electrician or the manufacturer for assistance.

7. SPECIFICATIONS

Feature	Detail
Model Number	BONKZEBUny28bhqrx-11
Power Rating	2.2KW (3.0HP)
Capacitor	70uf
Current Rating	20A
Voltage	110V (US Plug)
Material	Acrylonitrile Butadiene Styrene (ABS), Stainless Steel
Item Weight	1.55 pounds
Package Dimensions	8.27 x 6.3 x 3.15 inches
Built-in Protection	Thermal protection circuit breaker

For detailed electrical specifications, refer to the label on the control box itself.



Image 7.1: Technical specification label on the control box.

8. WARRANTY AND SUPPORT

For specific warranty terms and conditions, please refer to the documentation included with your purchase or contact the seller directly.

If you require technical support or have questions not covered in this manual, please contact BONKZEBU customer service through your purchase platform or the official BONKZEBU website.

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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

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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