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› Connecticut Electric UBIZ30 Zinsco Q30 Replacement Circuit Breaker Instruction Manual

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Model: UBIZ30

1. PRODUCT OVERVIEW

The Connecticut Electric UBIZ30 is a newly manufactured, single-pole, 30 Amp circuit breaker designed as a direct replacement for Zinsco Q-style circuit breakers in Zinsco load centers. This breaker operates at 120 Volts AC and is suitable for various applications up to 3,600 watts, such as well pumps (up to 200 feet), bathroom heaters, and electric motors (1-1/2 hp to 2 hp). It features a plug-in type design and is ETL Listed to UL Standard 489 for both the US and Canada, ensuring safety and compliance. It may also be branded as Sylvania (e.g., Sylvania Q30).



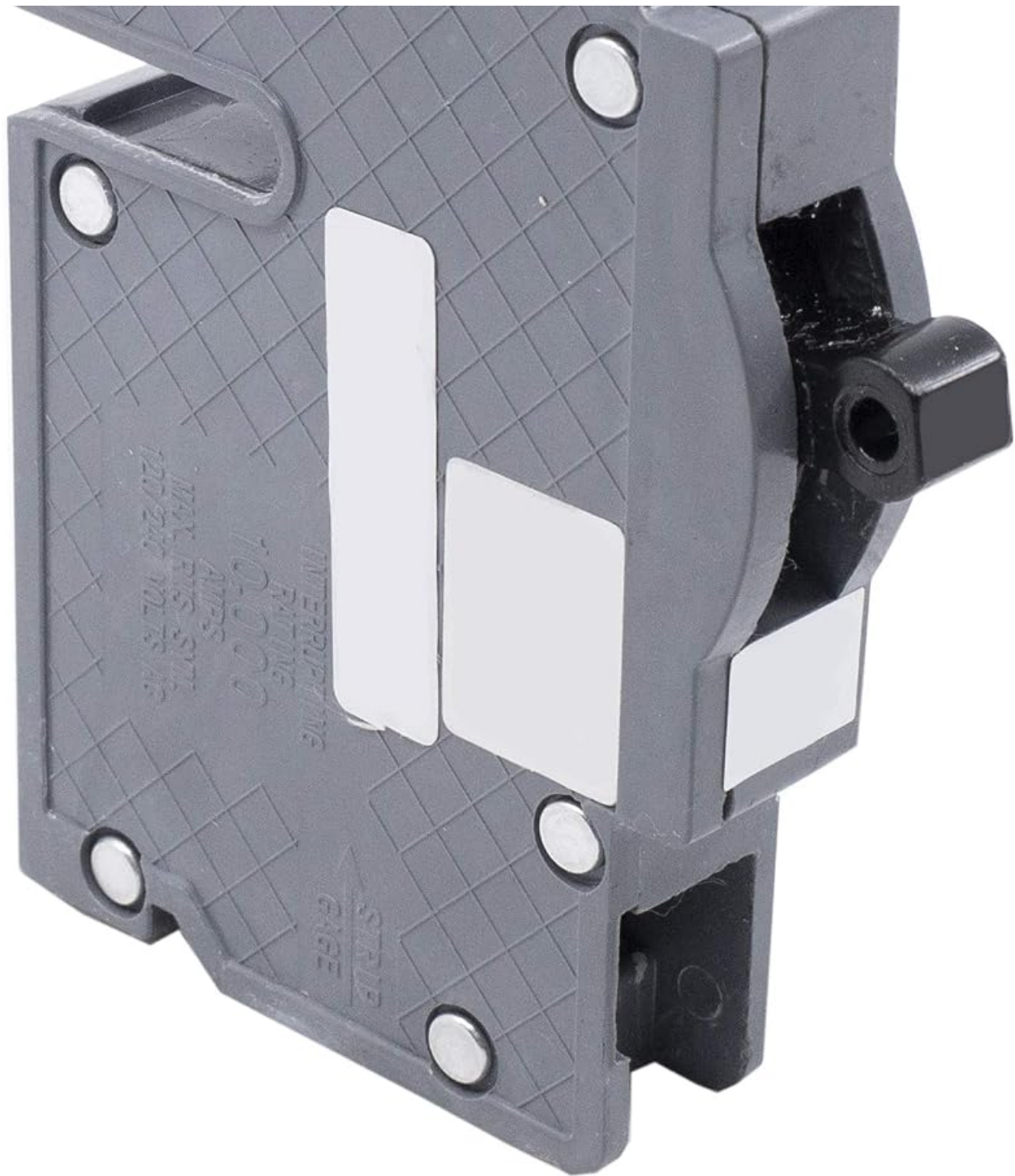


Figure 1: Main view of the Connecticut Electric UBIZ30 30 Amp circuit breaker. This image displays the overall design and gray color of the unit.

2. SAFETY INFORMATION

WARNING: Electrical shock hazard. Installation and service should only be performed by qualified personnel. Always turn off the main power supply at the service panel before working on electrical circuits.

- Ensure the main power to the electrical panel is completely disconnected before attempting any installation or maintenance.
- Use appropriate personal protective equipment (PPE), including insulated gloves and safety glasses.
- Verify that the replacement circuit breaker matches the specifications of the original breaker and the load center.
- Never use refurbished or used circuit breakers. Only install new, tested, and Safety Agency Listed breakers.
- Consult local electrical codes and regulations before starting any electrical project to ensure compliance.

3. INSTALLATION (SETUP)

This section outlines the general procedure for installing the UBIZ30 circuit breaker. Always refer to the specific instructions for your Zinsco load center and consult a qualified electrician if you are unsure about any steps.

1. **Power Disconnection:** Locate the main circuit breaker for your electrical panel and switch it to the OFF position. Confirm that power is off using a voltage tester.
2. **Panel Access:** Carefully open the cover of your Zinsco load center.
3. **Identify Slot:** Determine the appropriate slot for the new 30 Amp single-pole breaker.
4. **Install Breaker:** Align the UBIZ30 breaker with the bus bar connection in the panel. Press firmly until it clicks securely into place. Ensure a proper connection.
5. **Wire Connection:** Connect the circuit wire to the terminal screw on the breaker. Tighten the screw to the manufacturer's specified torque.
6. **Panel Closure:** Replace the load center cover, ensuring all wires are properly routed and not pinched.
7. **Power Restoration:** Turn the main circuit breaker back to the ON position.
8. **Test:** Test the circuit to ensure proper operation.





Figure 2: Front view of the UBIZ30 circuit breaker, showing the toggle switch and terminal screw access. This view is important for understanding how to connect the circuit wire.

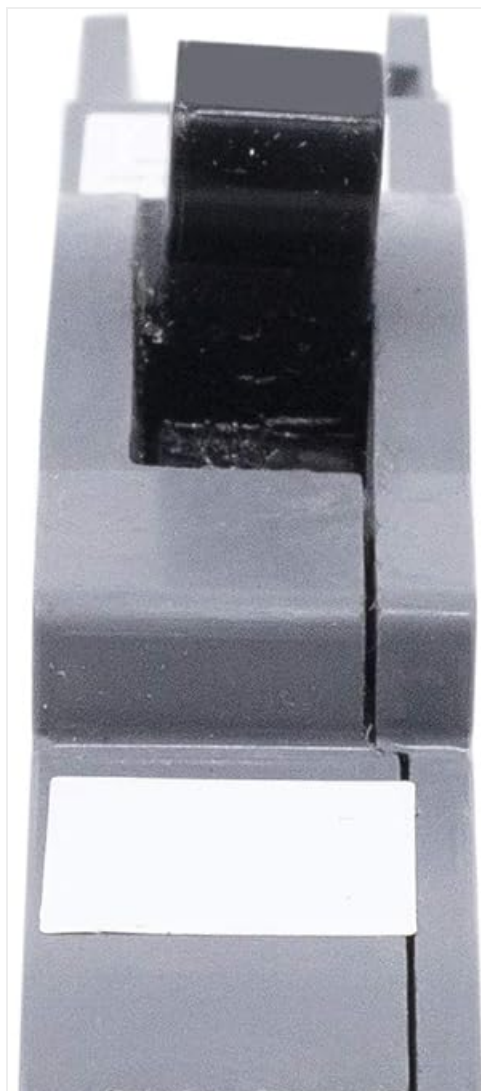




Figure 3: Back view of the UBIZ30 circuit breaker, illustrating the bus bar connection points. Proper alignment with these points is crucial for secure installation.

4. OPERATION

The UBIZ30 circuit breaker functions as a protective device for your electrical circuits. It has two primary states:

- **ON Position:** When the toggle switch is in the ON position, electrical current flows through the circuit, powering connected devices.
- **OFF Position:** When the toggle switch is in the OFF position, the electrical current to the circuit is interrupted. This is used for manual disconnection or during maintenance.
- **TRIPPED Position:** If an overload or short circuit occurs, the breaker will automatically "trip" to an intermediate position (often between ON and OFF) to protect the circuit. To reset a tripped breaker, first move the switch completely to the OFF position, then firmly push it to the ON position.

5. MAINTENANCE

Circuit breakers generally require minimal maintenance. However, periodic inspection is recommended:

- **Visual Inspection:** Annually inspect the breaker for any signs of physical damage, discoloration, or loose connections.
- **Dust Removal:** If the electrical panel is dusty, carefully clean around the breakers with a dry, non-conductive brush or vacuum.

Ensure power is off before cleaning.

- **Professional Check:** If a breaker frequently trips or shows signs of damage, consult a qualified electrician for inspection and potential replacement.

6. TROUBLESHOOTING

If your UBIZ30 circuit breaker is not functioning as expected, consider the following:

- **Breaker Trips Frequently:**
 - **Overload:** The circuit may be drawing too much current. Disconnect some devices from the circuit and try resetting the breaker.
 - **Short Circuit:** A short circuit can cause immediate tripping. Inspect wiring and connected devices for damage.
 - **Faulty Appliance:** An appliance connected to the circuit may be defective.
- **Breaker Will Not Reset:**
 - Ensure the switch is moved fully to the OFF position before attempting to push it to ON.
 - If it still won't reset, there may be a persistent fault on the circuit or the breaker itself may be damaged. Do not force it.
- **No Power to Circuit:**
 - Check if the breaker is in the ON position.
 - Verify that the main breaker for the panel is ON.
 - Inspect for loose wiring connections at the breaker terminal.

For persistent issues, contact a qualified electrician.

7. SPECIFICATIONS



CONNECTICUT ELECTRIC MANUFACTURING

A VITAL ELECTRIC SUPPLY COMPANY

Thick Series One Pole-Plug In

Replacement for Zinsco® Type Q

- ✓ 30 Amp, 1 Pole
- ✓ 120 Volt
- ✓ UL 489 Compliant
- ✓ ETL Listed
- ✓ Compatible with Zinsco load centers

TRUSTED SINCE 1906



Figure 4: The UBIZ30 circuit breaker showing key dimensions and the ETL certification mark. This image highlights the physical attributes and safety compliance of the product.

Feature	Detail
Brand	Connecticut Electric
Model Number	UBIZ30
Current Rating	30 Amps
Voltage	120 Volts AC
Number of Poles	1
Circuit Breaker Type	Standard, Thick Series
Mounting Type	Plug-in
Compatibility	Zinsco Q-style load centers

Feature	Detail
Interrupting Capacity (AIC)	10,000
Certifications	Intertek ETL Listed to UL Standard 489 (US and Canada)
Approximate Dimensions (Breaker)	4.81" H x 2.53" W x 0.75" D
Item Weight	2.4 ounces
Material	Plastic
Color	Gray

8. WARRANTY AND SUPPORT

The Connecticut Electric UBIZ30 circuit breaker comes with a **10-year warranty**. For technical support, warranty claims, or further assistance, please contact Connecticut Electric customer service through their official channels. Always provide your product model number (UBIZ30) and purchase details when seeking support.

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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.

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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

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