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Technical Precision 110131

Technical Precision Replacement for HACH 110131 Light Bulb Instruction Manual

Model: 110131

INTRODUCTION

This manual provides essential instructions for the safe and effective use of the Technical Precision Replacement for HACH 110131 Light Bulb. This product is designed as a direct replacement for the HACH 110131 light bulb and is not manufactured by HACH. Please read this manual thoroughly before installation and operation.

SAFETY INFORMATION

- Always disconnect power to the fixture before installing or replacing the light bulb.
- Handle the bulb by its base to avoid touching the glass, as oils from skin can reduce bulb life.
- Ensure the replacement bulb matches the specifications of the original bulb to prevent damage to the fixture or improper operation.
- Dispose of old bulbs according to local regulations, especially if they contain mercury (common in fluorescent bulbs).
- Do not use in wet locations unless the fixture is specifically designed for it.

SETUP AND INSTALLATION

1. **Power Disconnection:** Locate the power source for the fixture where the bulb will be installed and turn it off. If unsure, turn off the main circuit breaker.
2. **Remove Old Bulb:** Carefully remove the existing HACH 110131 light bulb from its socket. Note its orientation and connection type.
3. **Inspect New Bulb:** Unpack the Technical Precision replacement bulb. Inspect it for any visible damage.
4. **Install New Bulb:** Align the new bulb with the fixture's socket. Gently insert and secure the bulb. Avoid excessive force.
5. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.

6. **Test Operation:** Turn on the light switch to verify the bulb is functioning correctly.



Image: The Technical Precision Replacement for HACH 110131 Light Bulb, a clear fluorescent tube with wiring at one end, designed for specific industrial or scientific applications.

OPERATING INSTRUCTIONS

This light bulb operates as part of a larger system (e.g., an air conditioner or furnace unit, or a HACH instrument). Once properly installed, its operation is controlled by the host system's power switch or control mechanism. The bulb is designed for "Instant On" functionality, providing immediate illumination upon receiving power.

- Ensure the host system is powered on for the bulb to function.
- The bulb is designed for indoor usage.
- The "Control Method: App" specification refers to the control of the overall system the bulb is integrated into, not the bulb itself.

MAINTENANCE

- **Cleaning:** If necessary, gently wipe the bulb with a soft, dry cloth when the power is off and the bulb is cool. Do not use liquid cleaners directly on the bulb.
- **Replacement:** Replace the bulb when it reaches the end of its operational life, indicated by dimming, flickering, or complete failure. The lifespan of fluorescent bulbs can vary based on usage and environmental conditions.

- **Disposal:** Dispose of used fluorescent bulbs responsibly, following local environmental guidelines for hazardous waste, as they may contain small amounts of mercury.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	<ul style="list-style-type: none"> • No power to the fixture. • Bulb not properly seated. • Bulb is faulty or at end of life. • Fixture wiring issue. 	<ul style="list-style-type: none"> • Check power supply and circuit breaker. • Ensure bulb is securely installed. • Replace the bulb with a new one. • Consult a qualified electrician if wiring is suspected.
Bulb flickers.	<ul style="list-style-type: none"> • Loose connection. • Bulb nearing end of life. • Incompatible dimmer switch (if applicable). 	<ul style="list-style-type: none"> • Ensure bulb is tightly seated. • Replace the bulb. • Ensure fixture is not on a dimmer circuit unless specified.

PRODUCT SPECIFICATIONS

Brand	Technical Precision
Model Name / Part Number	110131
Light Type	Hach (Fluorescent)
Special Features	High Efficiency, Instant On
Specific Uses	Air Conditioner, Furnace (as a replacement part for HACH 110131 in these systems)
Unit Count	1.0 Count
Number of Items	1
Material	Copper (likely for internal components/contacts)
Indoor/Outdoor Usage	Indoor
Included Components	Replacement Part (the bulb itself)
Batteries Required/Included	No

WARRANTY INFORMATION

Specific warranty details for this Technical Precision product may vary. Please refer to the packaging or contact Technical Precision directly for comprehensive warranty information. Generally, replacement parts are covered against manufacturing defects for a limited period from the date of purchase.

CUSTOMER SUPPORT

For technical assistance, questions regarding installation, or to report a defective product, please contact Technical Precision customer support. Contact information can typically be found on the product packaging or the official

Technical Precision website.

You can also visit the [Technical Precision Store on Amazon](#) for more information.