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Technical Precision MONTEREY 253 AR

Technical Precision Replacement Light Bulb for Bell & Howell Monterey 253 AR Instruction Manual

Model: MONTEREY 253 AR

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Technical Precision replacement incandescent light bulb, model MONTEREY 253 AR. Please read these instructions carefully before installation and retain this manual for future reference.

2. SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage:

- **Power Disconnection:** Always ensure the power supply to the fixture is turned off at the circuit breaker or wall switch before installing, removing, or handling the light bulb.
- **Cool Down:** Allow the bulb to cool completely before handling. Hot bulbs can cause severe burns.
- **Correct Wattage:** Use only bulbs with the correct wattage and voltage as specified by your fixture. This bulb is rated for 500 watts and 120 volts.
- **Proper Handling:** Handle the bulb by its base, not the glass, to avoid damage and ensure a secure grip.
- **Disposal:** Dispose of old or broken bulbs according to local regulations.
- **Indoor Use Only:** This bulb is designed for indoor use.

3. PRODUCT OVERVIEW

The Technical Precision MONTEREY 253 AR is a replacement incandescent light bulb designed for specific Bell & Howell Monterey fixtures. It features a tubular (T) shape with a prong base, providing 500 watts of illumination at 120 volts.



Image 3.1: Front view of the Technical Precision MONTEREY 253 AR incandescent light bulb, showing its tubular shape and prong base.



Image 3.2: Side view of the Technical Precision MONTEREY 253 AR light bulb, highlighting the filament structure inside the glass.

4. INSTALLATION INSTRUCTIONS

Follow these steps to safely install your replacement light bulb:

1. **Turn Off Power:** Locate the power switch or circuit breaker controlling the light fixture and turn it off. Verify that the power is off before proceeding.
2. **Allow Cooling:** If replacing an old bulb, wait for the old bulb to cool down completely before touching it.
3. **Remove Old Bulb:** Carefully grasp the old bulb by its base and gently pull or twist it out of the fixture, depending on the fixture's design. Avoid touching the glass if it is still warm.
4. **Inspect Fixture:** Check the fixture's socket for any damage or debris. Clean if necessary.
5. **Insert New Bulb:** Hold the new Technical Precision MONTEREY 253 AR bulb by its prong base. Align the prongs with the slots in the fixture's socket. Gently push and/or twist the bulb into place until it is securely seated. Do not force the bulb.
6. **Restore Power:** Once the new bulb is securely installed, restore power to the fixture at the circuit breaker or wall switch.
7. **Test:** Turn on the light switch to confirm the bulb is working correctly.

5. OPERATING INSTRUCTIONS

This incandescent light bulb operates like a standard bulb. Once installed in a compatible fixture with power supplied:

- To turn the light on, activate the wall switch or control mechanism of your fixture.

- To turn the light off, deactivate the wall switch or control mechanism.

No special operating procedures are required for this replacement bulb beyond the standard use of your lighting fixture.

6. MAINTENANCE

Minimal maintenance is required for this light bulb:

- **Cleaning:** If the bulb becomes dusty, ensure the power is off and the bulb is cool. Gently wipe the glass with a soft, dry, lint-free cloth. Do not use liquid cleaners directly on the bulb.
- **Replacement:** Replace the bulb when it burns out. Refer to the installation instructions for safe replacement.

7. TROUBLESHOOTING

If the light bulb does not illuminate after installation, consider the following:

- **No Power:** Ensure the power supply to the fixture is on at both the wall switch and the circuit breaker.
- **Improper Installation:** Turn off the power, then carefully remove and re-install the bulb, ensuring it is securely seated in the socket.
- **Defective Bulb:** If the above steps do not resolve the issue, the bulb may be defective. Contact customer support for assistance.
- **Fixture Issue:** If multiple bulbs fail to work in the same fixture, the issue might be with the fixture itself or the electrical wiring. Consult a qualified electrician.

8. SPECIFICATIONS

Feature	Detail
Brand	Technical Precision
Model Name	MONTEREY 253 AR
Light Type	Incandescent
Wattage	500 watts
Voltage	120 Volts
Bulb Shape Size	T (Tubular)
Bulb Base	Prong
Light Color	Neutral White
Color Temperature	3200 Kelvin
Brightness	6500 lumen
Material	Glass
Indoor/Outdoor Usage	Indoor
Special Feature	Energy Efficient

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Technical Precision replacement light bulb, please contact the manufacturer directly. Refer to the packaging or the seller's information for contact details. You can also visit the Technical Precision Store on Amazon for more information.