

## Westinghouse 04788

# Westinghouse 500-watt Rough Service Double Ended Halogen Bulb Instruction Manual

Model: 04788

## 1. IMPORTANT SAFETY INFORMATION

Please read all safety instructions before installing or operating this halogen bulb. Failure to follow these instructions may result in fire, electric shock, or personal injury.

- **Risk of Electric Shock:** Always disconnect power to the fixture before installing, removing, or servicing the bulb.
- **Risk of Burns:** Halogen bulbs operate at high temperatures. Do not touch the bulb with bare hands during operation or immediately after turning off. Allow the bulb to cool completely before handling.
- **Risk of Fire:** Ensure the fixture is rated for the bulb's wattage (500W). Do not use in enclosed fixtures unless specifically rated for halogen bulbs. Keep flammable materials away from the bulb.
- **Handle with Care:** Avoid touching the glass part of the bulb with bare hands. Oils from skin can create hot spots, leading to premature failure or shattering. Use a clean cloth or gloves during installation.
- **Indoor Use Only:** This bulb is designed for indoor applications.
- **Proper Disposal:** Dispose of used bulbs according to local regulations.

## 2. SETUP AND INSTALLATION

Follow these steps for safe and correct installation of your Westinghouse 500-watt Halogen Bulb.

1. **Verify Fixture Compatibility:** Ensure your lighting fixture is designed for a double-ended halogen bulb with an RSC (Recessed Single Contact) or R7S base, and is rated for 500 watts and 130 volts.
2. **Disconnect Power:** Turn off the power to the lighting fixture at the circuit breaker or fuse box before beginning installation.
3. **Allow Cooling (if replacing):** If replacing an existing bulb, allow it to cool completely before touching.
4. **Handle with Gloves:** Wear clean gloves or use a clean, dry cloth to handle the new bulb. Avoid touching the glass envelope directly with bare hands.
5. **Insert Bulb:** Carefully insert one end of the double-ended bulb into one side of the fixture's spring-loaded socket. Then, gently push the bulb against the spring and insert the other end into the opposite socket. Ensure the bulb is seated securely and evenly.
6. **Restore Power:** Once the bulb is securely installed, restore power to the fixture.



Figure 1: Westinghouse 500-watt Double Ended Halogen Bulb in its retail packaging. This image shows the bulb's general appearance and packaging details.

### 3. OPERATING INSTRUCTIONS

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This Westinghouse halogen bulb provides bright, efficient lighting for various indoor applications.

- **Turning On/Off:** Operate the bulb using the standard switch connected to your lighting fixture.
- **Dimmability:** This bulb is designed to be dimmable. For optimal performance and to avoid premature failure, ensure your dimmer switch is compatible with halogen or incandescent loads and is rated for the bulb's wattage. Some older or incompatible dimmer types may not function correctly or may cause flickering.
- **Light Output:** The bulb produces 10500 lumens of bright white light with a color temperature of approximately 3050 Kelvin.
- **Average Lifespan:** The average rated life of this bulb is 1500 hours under normal operating conditions.

### 4. MAINTENANCE

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Minimal maintenance is required for this halogen bulb.

- **Cleaning:** If the bulb requires cleaning, ensure the power is off and the bulb has cooled completely. Gently wipe the glass with a clean, dry, lint-free cloth. Do not use liquid cleaners.
- **Replacement:** Replace the bulb when it reaches the end of its lifespan or if it fails. Follow the installation steps outlined in Section 2. Always use a replacement bulb with the correct wattage, voltage, and base type.

**SATCO**

S3497

**HALOGEN**

DOUBLE  
ENDED  
J TYPE

**500W**  
120V

2900K



**1500 HOURS**  
HORAS/HEURES



Brightness	Estimated Energy Cost	R7S Base Base R7S Culot R7S
<b>9500</b> lumens	<b>\$60.23</b> per year	

**HALOGEN**

Figure 2: A close-up view of the Westinghouse 500-watt Double Ended Halogen Bulb, showcasing its T3 shape and RSC/R7S base design.

## 5. TROUBLESHOOTING

If you encounter issues with your halogen bulb, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Bulb does not light	<ul style="list-style-type: none"> <li>No power to fixture</li> <li>Bulb not seated correctly</li> <li>Bulb is faulty or burned out</li> <li>Incorrect bulb type for fixture</li> </ul>	<ul style="list-style-type: none"> <li>Check circuit breaker/fuse.</li> <li>Ensure bulb is fully inserted into sockets.</li> <li>Replace bulb with a new one.</li> <li>Verify fixture compatibility with 500W double-ended halogen bulbs.</li> </ul>
Bulb has short lifespan	<ul style="list-style-type: none"> <li>Touching bulb with bare hands during installation</li> <li>Over-voltage or incorrect voltage</li> <li>Excessive vibration or heat in fixture</li> <li>Frequent on/off cycling</li> </ul>	<ul style="list-style-type: none"> <li>Always use gloves or a clean cloth for handling.</li> <li>Ensure fixture voltage matches bulb (130V).</li> <li>Check fixture for secure mounting and adequate ventilation.</li> <li>Minimize frequent switching if possible.</li> </ul>
Bulb flickers or dims improperly	<ul style="list-style-type: none"> <li>Incompatible dimmer switch</li> <li>Loose connection</li> </ul>	<ul style="list-style-type: none"> <li>Ensure dimmer is rated for halogen/incandescent loads and appropriate wattage. Consider upgrading dimmer if necessary.</li> <li>Turn off power and re-seat the bulb firmly.</li> </ul>

## 6. SPECIFICATIONS

<b>Brand</b>	Westinghouse
<b>Model Number</b>	04788
<b>Bulb Type</b>	Halogen, Double Ended, T3 Shape
<b>Wattage</b>	500 Watts
<b>Voltage</b>	130 Volts
<b>Base Type</b>	RSC (Recessed Single Contact) / R7S
<b>Brightness</b>	10500 Lumens
<b>Color Temperature</b>	3050 Kelvin (Bright White)
<b>Average Rated Life</b>	1500 Hours
<b>Dimmable</b>	Yes
<b>Indoor/Outdoor Use</b>	Indoor Use Only
<b>Product Dimensions</b>	6.81 x 6.11 x 0.37 inches
<b>Item Weight</b>	0.32 ounces (approx. 9.07 g)

## 7. WARRANTY AND SUPPORT

Westinghouse products are manufactured to high-quality standards. For specific warranty details pertaining to this 500-

watt Rough Service Double Ended Halogen Bulb, please refer to the official warranty documentation provided with your purchase or visit the Westinghouse website.

If you require technical assistance or have questions not covered in this manual, please contact Westinghouse Customer Service:

- **Website:** [www.westinghouselighting.com](http://www.westinghouselighting.com)
- **Phone:** Refer to the Westinghouse website for regional contact numbers.

Please have your product model number (04788) and purchase date available when contacting support.