

Thank you for choosing the Intellitron DL-1564. This ventilated dummy load features a precision non-inductive resistor housed in a ventilated aluminum enclosure, extending performance to 650 MHz. It safely handles up to 1500W for 10 seconds—ideal for testing legal-limit radios and amplifiers. A derating chart is printed on the enclosure for longer key-down durations.

SPECIFICATIONS

- Frequency: 1-650 MHz
- SWR: <1.1:1 @ 30 MHz, <1.5:1 to 650 MHz
- Power Rating: 1500 W for 10 seconds
- Connector: SO-239
- Dimensions: 3" x 3" x 9"

ASSEMBLY & SETUP

important: The load resistor is packed with the DL-1564, uninstalled. It is placed in a fiber tube to protect it from shipping damage. Inspect before installation.

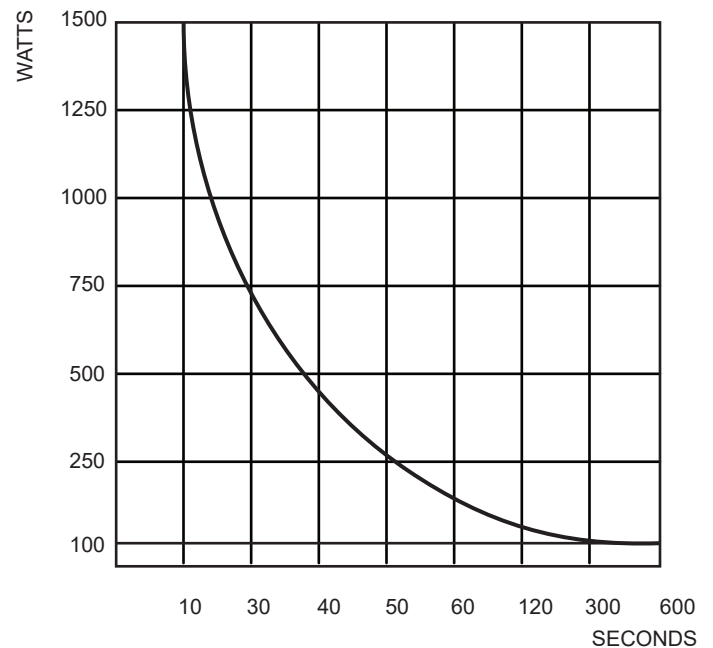
Installing the Resistor:

1. Inspect Resistor – Check for cracks or physical damage.
2. Remove Lid – Unscrew 6 chassis screws (3 per side) to expose interior.
3. Open Resistor Cage – Remove 4 blunted-tip screws from cage. Keep separate from pointed lid screws.
4. Install Resistor – Seat firmly in the spring clips, centered within the cage.
5. Reassemble
 - Use blunted screws for cage lid.
 - Use pointed screws for chassis lid.
6. Verify Resistance – Check ~50 ohms across SO-239 connector before applying RF.

For safe tuning:

- Do not exceed 10 seconds at 1500W.
- Refer to the printed derating chart for safe duty cycles at reduced power.

DERATING CURVE



TWO YEAR LIMITED WARRANTY

This Limited Product Warranty is provided by the Dealer where your Intellitron product was purchased. The Product Warranty extends only to the original purchaser of the product and is valid for a period of two years from the date of purchase. Please keep your dated sales receipt as evidence of the date of purchase. You will need it to receive warranty service. Your Dealer warrants the product will be free from defects in workmanship and materials under normal use. If the product fails to conform to the warrant and is within the warranty period of two years, contact your original dealer for a return authorization. Your dealer may choose to either repair or replace the non-conforming product.