



**HIGH
POWER**

Model 77100 Air-Cooled Resistor Load

The OMEGALINE® MODEL 77100 is an extraordinary air-cooled terminator for 50-ohm coaxial transmission line systems. Manufacturers of transmitters, microwave components and power tubes as well as transmitting stations can be assured of ideal dummy load conditions during designing, testing, adjusting and aligning of transmitters or components. The rugged, precision-designed configuration of the 77000 Series provides reliability, serviceability, safety and convenience.

STANDARD FEATURES:

- Indoor or Outdoor with Screened Louvers for Extreme Environments
- Air Flow Differential Switch • Stable RF Characteristics • No Tuning Required
- Low Maintenance • Designed with Safety Features

OPTIONAL EQUIPMENT:

- RF Ammeter • Voltage Measuring Point • Motorized Louvers

SPECIFICATIONS	
POWER RATING (RMS) (CONTINUOUS DUTY)	100 KW
FREQUENCY RANGE	540 to 1750 KHz
IMPEDANCE	50Ω nominal
VSWR	<1.1:1 Over Operating Range (1.05 or better available)
AC POWER REQUIRED	200-460 Volts, 50/60 Hz, 1 or 3-Phase
INPUT CONNECTION	3-1/8", 4-1/16", or 6-1/8", EIA Flanged
NOMINAL DIMENSIONS (INCLUDING CONNECTIONS) (INDOOR)	1.8m x 2.2m x 1.0m (73" x 86 1/2" x 43")
NOMINAL WEIGHT (INDOOR)	636 kilograms (1400 lbs.)

Model 77100



Indoor Model Shown
(Outdoor Model Equipped with Roof & Screened Louvers)

ALTRONIC RESEARCH INC.

CALL TOLL FREE 1-800-482-LOAD

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