



**HIGH  
POWER**

# Model 77450/600

## Air-Cooled Resistor Load

The OMEGALINE® MODELS 77450 and 77600 are extraordinary air-cooled terminators 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)	450 KW, 600 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	200-480 Volts, 50/60 Hz 3-Phase
INPUT CONNECTION	4-1/16", or 6-1/8" or 9-3/16", EIA Flanged
NOMINAL DIMENSIONS (INCLUDING CONNECTIONS) (INDOOR)	2.3m x 1.8m x 2.7m (90" x 70" x 106½")
NOMINAL WEIGHT (INDOOR)	1540 kilograms (3500 lbs.)

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Outdoor Model

# ALTRONIC RESEARCH INC.

**CALL TOLL FREE 1-800-482-LOAD**

P.O. BOX 249, Yellville, AR 72687 (870) 449-4093

[www.altronic.com](http://www.altronic.com)

