



Self-Contained

Model 5850 Heat Exchanger Resistor Load

The OMEGALINE® 5800 Series combines the performance of the water-cooled load with the quiet blower design of the air-cooled series to provide terminations for 50-ohm coaxial transmission lines. Power is dissipated in a reliable water-cooled load maintaining excellent and stable RF characteristics while the water is circulated through the internal cooling system. 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.

FEATURES:

- Interlock
- Quiet Operation
- Mounted on castors for ease of mobility

OPTIONS:

- Internal or remote load operation
- Calorimetry
- 50 Hz operation

SPECIFICATIONS

POWER RATING (CONTINUOUS DUTY)	50 KW
FREQUENCY RANGE	60 Hz to 800 MHz
IMPEDANCE	50 Ω nominal
VSWR	1.1:1 to 800 MHz
AC POWER REQUIRED	230 VAC, 60 Hz (50 Hz available)
INPUT CONNECTION	3-1/8" or 6-1/8" (others available)
NOMINAL DIMENSIONS (INCLUDING CONNECTIONS)	80 cm x 1.18m x 1.38m (31 1/2" x 44" x 54 1/2")
NOMINAL WEIGHT	182 kilograms (400 lbs.)

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ALTRONIC RESEARCH INC.

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