



Ready/Load®

**Model 5850RL
Heat Exchanger
Resistor Load**

The 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. In standby mode, up to approximately .8 kW with no pump or fan. From .8 to 50 kW, pump runs until temperature reaches point where fan is required. Manufacturers of transmitters, microwave components and power tubes as well as transmitting stations can be assured of ideal dummy load conditions during designing, testing, and adjusting while saving energy.

FEATURES:

- Instant On when RF is present
- Interlock
- Quiet
- Castors for ease of mobility

OPTIONS:

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

| 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) |
| AMBIENT OPERATING TEMPERATURE | -5 TO 45° C |
| 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 | CONSULT FACTORY |



ALTRONIC RESEARCH INC.

CALL TOLL FREE 1-800-482-LOAD

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

www.altronic.com

