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RESISTIVE LOAD BANK

250 KW

- **For Testing and Exercising Generator Sets**
- **Compact**
Multiple Units Easily Fit in a Van or Pickup Truck
- **Portable**
Only 550 Lbs. for Each 250 KW Module
- **Versatile**
Load Step Resolution to 1 KW, at 240/480 V or 300/600 V
- **Digital Metering**
for Better Accuracy
- **380 V, 50 Hz Models Available**
at Full-Rated Loads of 250, 500, 750 KW



The Avtron Model K696 is a 250 KW portable load bank in a compact package weighing only 590 lbs. and only 44" high. One, two, or three K696 load banks providing 250, 500, or 750 KW can be transported to a job site in standard vehicles such as vans or pickup trucks. They do not have to be unloaded to enter underground parking garages.

Often only one operator is needed on site, as each K696 unit can be connected more easily and rapidly than previous load banks of equal total load capacity.

The K696 can be used independently or paralleled to test larger generator sets. When parallel operation is required frequently, a K696A "slave" load bank can be used. When wired for parallel operation, the K696A is controlled and metered by the K696 "master" unit. The K696A has a control panel with 50 KW load step resolution, allowing it to be used independently if desired.

In addition to flexible operation, the K696 provides a rugged construction, with resistive elements that are specially wound and supported to deliver many years of dependable service. As with other Avtron load banks, the elements are designed to operate at low temperatures resulting in more stable loading, while eliminating the need for a "cool-down" period.

The K696 is designed for testing Uninterruptible Power Supplies (UPS), stand-by AC generators and other AC sources.

Avtron's extensive load bank products are solid performers available in a variety of configurations.

For total assistance and information on Avtron's products, please contact your Avtron sales representative at (216) 573-7600.

K696 LOAD CAPACITY RATINGS

Total Load KW	Voltage	Load Steps KW
250	240/480	1, 2, 2, 5, 10, 10, 20, 50, 50, 100
250	300/600	1-5, 5, 10, 10, 20, 50, 50, 100
250	600	1-5, 5, 10, 10, 20, 50, 50, 100

K696 SPECIFICATIONS

CONSTRUCTION: A rugged aluminized steel enclosure with screened inlet and exhaust openings houses the K696. Two fixed and two lockable swivel casters with 5" wheels provide mobility.

CONTROL POWER: 120 volts, single phase, 60 Hz, (a 15 foot line cord is provided).

BLOWER POWER: The 2 HP rated blower motor derives its power from the unit under test. The 240/480 volt unit is designed so the blower motor can be wired to an external source if desired.

PROTECTION: Individually fused bus bars. Air flow switch drops all load if it detects insufficient air flow, before an overtemperature condition occurs. Motor and control circuits are fuse protected. The motor is also protected by overload relays.

RESISTIVE ELEMENTS: Avtron Helidyne™ load elements are fully supported in the air stream. Resistive elements are engineered to operate at one half their maximum temperature rating. This provides stable loading at all operating temperatures, and longer life.

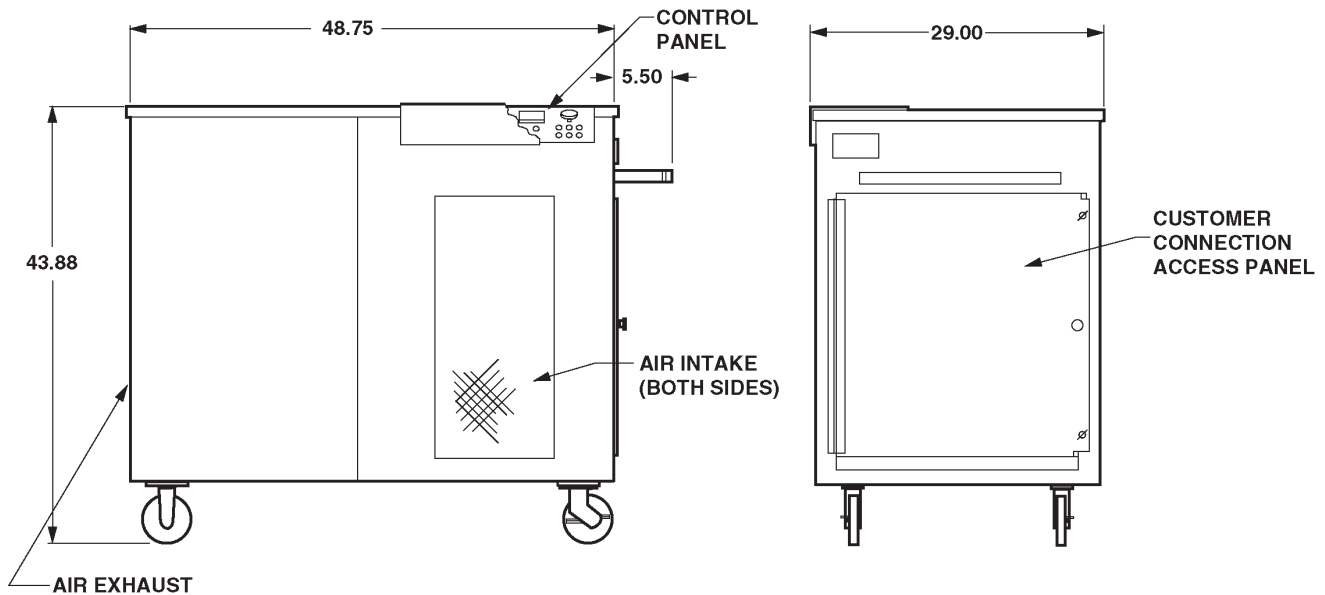
CONTROL: The control panel incorporates a control POWER ON/OFF switch, a MASTER LOAD ON/OFF switch, load step switches and a voltage select switch 240/480 or 300/600 on dual voltage units.

METERING: Digital power metering unit to measure voltage, current, frequency and KW is standard.

WEIGHT: Approximately 550 pounds.

OPTIONS:

- Control Power Transformer
- Vinyl Dust Cover
- Custom DC Designs also available



Helidyne™ is a trademark of Avtron.
 All dimensions are in inches.
 Specifications subject to change without notice.
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