



10409 MEECH AVENUE, CLEVELAND, OH, U.S.A. 44105
(1) 216-641-8310 • FAX: (1) 216-441-2459

RESISTIVE LOAD BANK

155 KW

- **Lightweight**
- **Portable**
- **Convenient Operator Controls**
- **Reliable Load Element Design**
- **Easily Fits in Pickup or Van**



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he Avtron Model K691 is a portable resistive load bank designed to operate at both 240 and 480 VAC, 3 phase. It has a capacity of 155 KW with load step resolution of 5 KW (2 KW optional).

The load bank is controlled with a built-in control panel and toggle switches which actuate 120 VAC contactors. The contactors provide the high voltage load switching remotely from the operator control panel for added protection.

A one HP blower assembly cools the load elements. Should air-flow be lost for any reason, the load is automatically removed from the elements. No damage to the elements will occur as a result.

The Avtron load elements used in the K691 are specially wound, continuously supported, chromium alloy. They are designed to operate at approximately one third of rated maximum temperature to ensure a long, reliable life.

Also, the resistance/watt rating of the element will not change significantly from an unloaded to a loaded condition.

The K691 can be used to test a wide variety of AC power systems including (UPS) Uninterruptible Power Supplies and stand-by emergency generator sets.

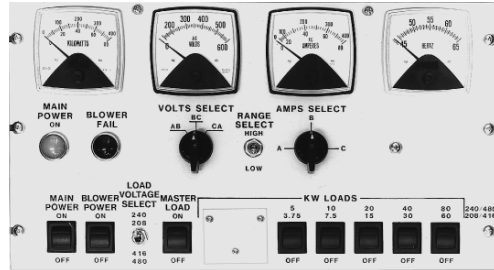
For complete information on Avtron products and complete support in selecting the right load bank for your needs, contact your Avtron sales representative at (216) 641-8310.

K691 LOAD CAPACITY RATINGS

Total Load KW	Volts	Load Steps KW
155	240	5, 10, 20, 40, 80
155	480	5, 10, 20, 40, 80

METERING

The K691 comes equipped with a voltmeter and ammeter. A frequency and wattmeter are available as options. The ammeter and wattmeter have dual range capability for better resolution on smaller power sources. Phase selectors are provided on the voltmeter and ammeter to determine line to line voltages and individual phase currents (see photo).



K691 SPECIFICATIONS

CAPACITY: 155 KW at 240/480 VAC.

BLOWER/CONTROL POWER: 120 VAC, 60 Hz, single phase, 20 A. A 15 foot line cord is included.

METERING: Volt and ammeter standard.

WEIGHT: Approximately 425 pounds.

CONSTRUCTION:

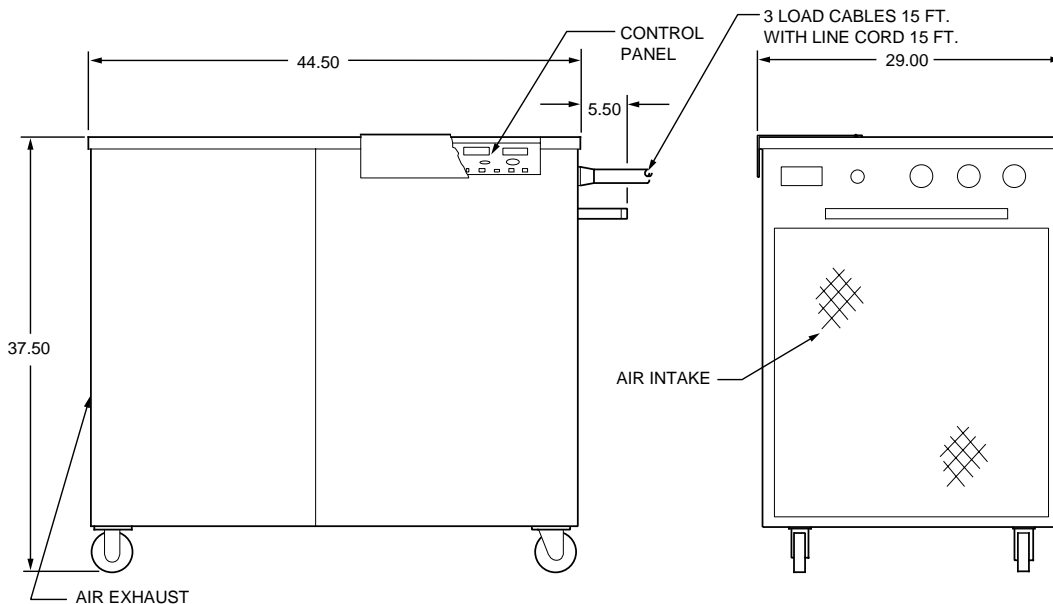
- Aluminized steel protected with polyurethane enamel paint
- Two swivel locking casters and two rigid casters
- Screened inlet and exhaust

PROTECTIVE CIRCUITS:

- Overtemperature protection
- Automatic shutdown with loss of cooling air
- Fused input load bus
- Low voltage (120 VAC) control contactors and blower motor
- Motor overload protection

OPTIONS:

- Control Power Transformer
- Wattmeter and/or Frequency Meter
- Vinyl Dust Cover
- 380 VAC, 50 Hz version also available



All dimensions are in inches.
 Specifications subject to change without notice.
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