



Model K576 Resistive

Portable Load Bank - 500 Amps



Lightweight Construction

Durable Load Elements

Portable with Lifting Handles

52 Volt with DC Operation

Load Step Toggle Switches for Load Control

No Cool Down Period Required

The Avtron Model K576 Load Bank is a lightweight, self-contained, portable unit for testing DC power sources.

The Avtron Model K576 Load Bank provides up to 500 amperes load at 52 volts DC. The indoor unit comes with many convenient features that make it simple to use. These include a control panel located on the front of the load bank, easy access load connections, and casters for maximized mobility.

The K576 is built to last. Its load elements are engineered to operate at one half of their temperature rating to provide stable loading and for longer life. The load circuit is operated using fully rated load contactors actuated by switches on the control panel.

Control and blower power are derived from an external 120 volt, single phase, 60 Hz source. A reliable, heavy duty, industrial type motor drives the blower that provides the necessary cooling for the load elements.

The K576 low weight of 160 lbs. [73 kg], convenient operation, and it is built to last, are features that make it the leading load bank choice in its class.

The Model K576 is used for testing DC power sources including converters, transformer-rectifiers, battery systems, and Uninterruptible Power Supplies (UPS).

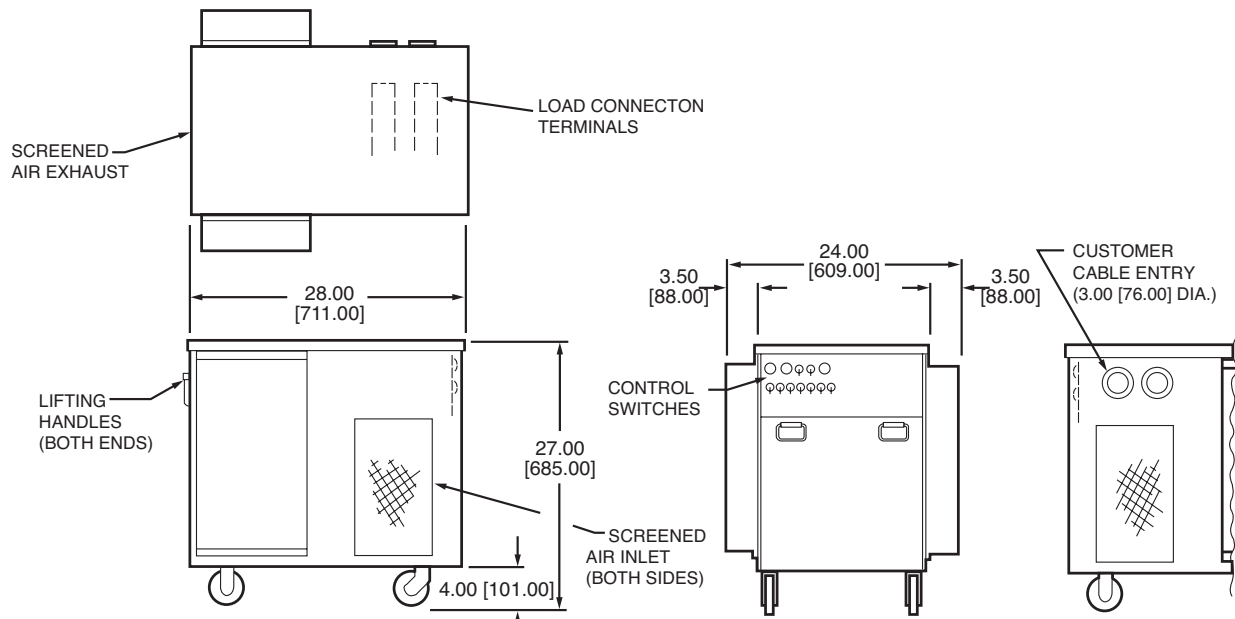
Legendary Avtron quality combined with simple operation and maintenance will provide years of trouble free service.

Avtron's extensive line of Load Bank and Industrial Resistor Products are solid performers used throughout the world.

For total technical support or additional information, please contact Avtron at (216) 573-7600 or LBsales@avtron.com.

Model K576 Portable Load Bank

OUTLINE DRAWING:



SPECIFICATIONS:

CONSTRUCTION: The load bank is contained in a rugged aluminized steel enclosure, with two rigid and two lockable swivel casters mounted at the corners, and four lifting handles provided for simplified handling.

CONTROL POWER: Control power is derived from an external 120 volt, single phase, 60 Hz power source. A line cord is included with the load bank for quick disconnect.

BLOWER: A heavy duty, reliable, industrial blower is used for cooling the resistive elements. This 1/4 HP device operates from the same 120 volt, single phase, 60 Hz power source as the load bank control circuit.

RESISTIVE ELEMENTS: Made of a chromium alloy, the resistive elements are specially wound and continuously supported in the cooling air stream. They are designed to operate at one half of their rated temperature rating for more

stable loading and longer life without the need for a cool down period.

CONTROL PANEL: It includes a POWER ON-OFF switch, a power status indicator light, an ON-OFF switch for each load step, a MASTER LOAD ON-OFF switch for applying or removing all selected load steps, and a BLOWER FAIL indicator light.

PROTECTIVE FEATURES: The control circuit is fuse protected and the load circuit is disabled by a differential pressure air switch if insufficient cooling air is detected.

WEIGHT: Approximately 160 lbs. [73 kg]

K576 LOAD CAPACITY RATINGS:

Total Load Amps	Volts DC	Load Steps in Amps
500	52	25, 25, 50, 100, 100, 100, 100
500	52	2.5, 5, 5, 12.5, 25, 50, 100, 100, 100, 100

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

