



LISTED

K875A Resistive

Permanent Load Bank 1000 KW

- Outdoor Installation
- Fully Supported Load Elements
- No Cool Down Period Required
- Vertical Air Discharge
- Slide Out Resistor Cases
- Remote Operator Controls
- Easy Operation and Maintenance

The K875A Load Bank can be utilized independently or as a modular building block for larger systems to meet a variety of power testing requirements. This load bank is ideal for permanent outdoor installation for routine load testing of standby diesel generating systems or for factory production line testing of (UPS) Uninterruptible Power Supplies, turbines, or engine generator sets.

The load bank features vertical air discharge for installation in areas where space is at a premium such as the rooftops of high-rise buildings. Weatherproof exhaust hoods provide maximum protection to the resistor cases and blower assemblies.

The K875A incorporates state-of-the-art load bank design features and manufacturing techniques to provide years of trouble-free service. This model utilizes a modular design with common parts shared throughout the product range. This

assures quick delivery, easy installation, and simple operation and maintenance.

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.

The Avtron Model K875A Load Bank is ideal for High power resistive loading of AC Generating Systems

K875A LOAD CAPACITY RATING

Rated kW	Rated Voltages [3 phase, 60 Hz]	Minimum Load Step Resolution
1000	240/480, 480 VAC	5 or 50 KW

SPECIFICATIONS

CONSTRUCTION: The load bank enclosure is constructed of heavy gauge aluminized steel with stainless steel exterior fasteners. Vertical airflow provides a compact footprint for tight installations. Permanent base is designed for mounting on floor, roof, or cement pad and is equipped with built-in forklift channels. Contactors are protected in a thermostatically controlled, heated enclosure.

RESISTOR ELEMENTS: The resistive elements are manufactured of a corrosion resistant chromium alloy wire and are fully supported for a long life.

CONTROL POWER: The K875A requires control power of 120 VAC, single phase, 60 Hz [control transformer optional].

COOLING: The resistive elements are air cooled by integrally mounted blower motors rated at 10 HP, 460 VAC, 3 phase, 60 Hz. No additional cooling period is required when load is removed.

CONTROLS: The 19" rack-mounted control panel is provided loose for remote mounting [control panel enclosure optional]. Controls include a POWER ON-OFF switch, a POWER ON light, BLOWER

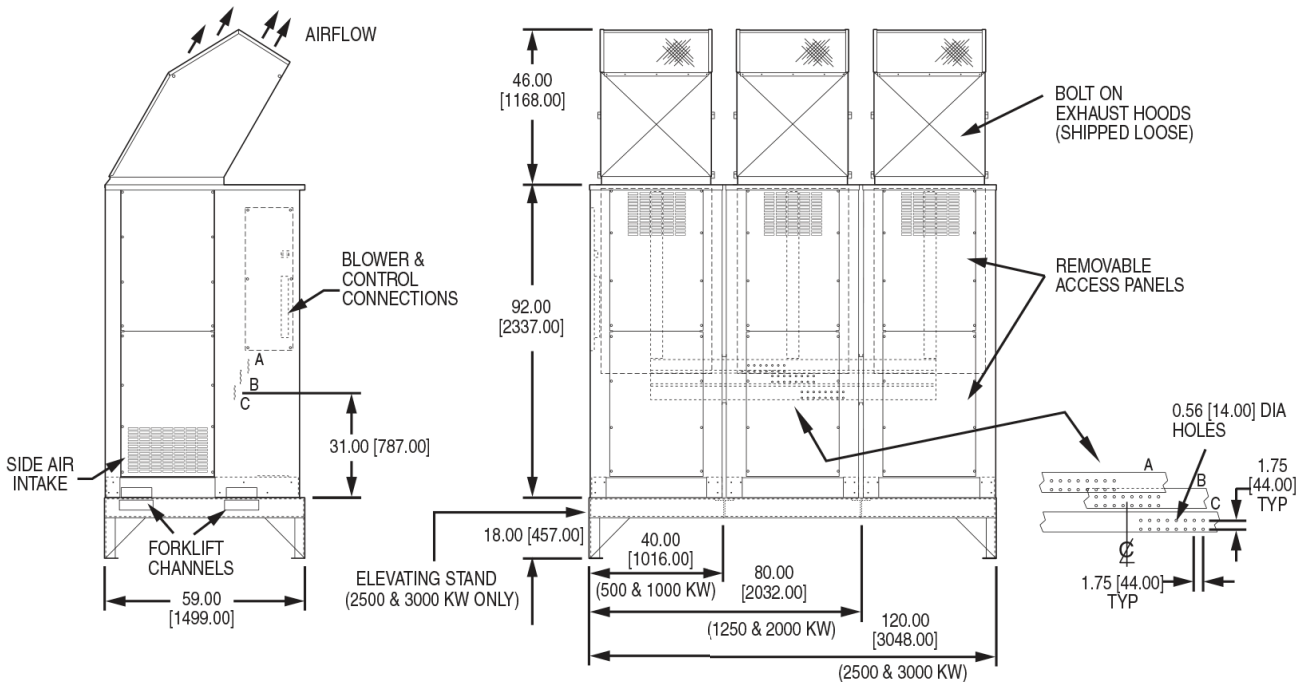
ON-OFF push buttons with a BLOWER FAILURE light, OVERTEMPERATURE light, MASTER LOAD ON-OFF switch and load step ON-OFF toggle switches.

OPTIONAL DIGITAL METERING: Avtron Advanced Digital Monitoring System (ADMS™) is available as an option for display of Volts, Amps, Frequency, and KW. ADMS™ also includes Communicator EXT™ Data Logging Software

PROTECTION: The K875A features branch circuit fusing on all load steps and overtemperature protection. Differential pressure air switches on the blowers are electrically interlocked to remove load if the airflow is not sufficient to provide proper cooling.

WEIGHT: 1800 lbs. (820 kg)

NOTE: Designs for international 50/60 Hz voltages or custom DC designs are also available. Unit is intended for outdoor installation and operation. Refer to instruction manual for important safety considerations.



OUTLINE DRAWING:

ADMS™ is a trademark of Avtron. Communicator EXT™ is a trademark of Electro Industries/GaugeTech.

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

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