



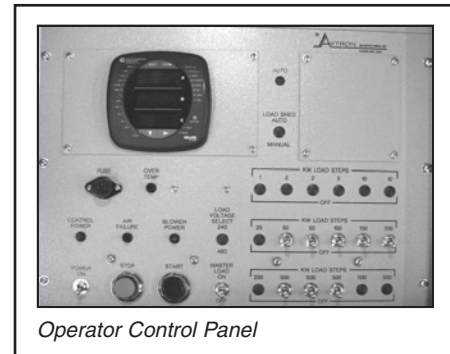
6255 HALLE DRIVE, CLEVELAND, OH, U.S.A. 44125  
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# RESISTIVE LOAD BANK

750 to 3000 KW



## MODEL K875A



Operator Control Panel

QUALITY SYSTEM CERTIFIED TO  
**ISO 9001**

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

**T**

he Avtron Model 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 provide years of trouble free service.

*The Model K875A load bank is ideal for high power resistive loading of AC generating systems.*

*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](mailto:LBsales@avtron.com).*

# K875A LOAD CAPACITY RATINGS

Rated KW	Rated Voltages (3 Phase, 60 Hertz)	Minimum Load Step Resolution
750	240/480, 480 VAC	5 or 50 KW
1000	240/480, 480 VAC	5 or 50 KW
1500	240/480, 480 VAC	5 or 50 KW
2000	480 VAC	5 or 50 KW
2500	480 VAC	5 or 50 KW
3000	480 VAC	5 or 50 KW

Note: Designs for International 50/60 Hertz Voltages or Custom DC Designs are also available.

## K875A 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 from corrosion resistant chromium alloy wire and are fully supported for long life.

**CONTROL POWER:** The K875A requires control power of 120 VAC, 1-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).

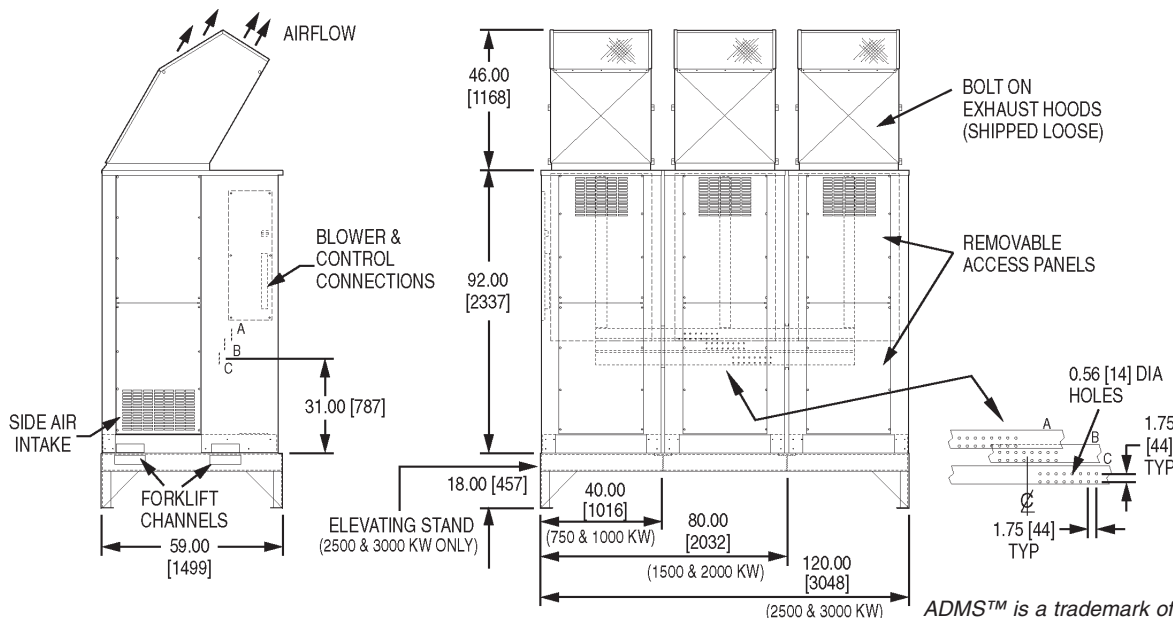
Controls include a POWER ON-OFF switch, a POWER ON light, BLOWER ON-OFF push buttons with a BLOWER ON and BLOWER FAILURE light, OVERTEMPERATURE light, MASTER LOAD ON-OFF switch, and load step ON-OFF toggle switches.

**OPTIONAL DIGITAL METERING:** Avtron Advanced Digital Monitoring System (ADMS)<sup>™</sup> is available as an option for display of Volts, Amps, Frequency, and KW. ADMS<sup>™</sup> also includes Communicator EXT<sup>™</sup> 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:** Approx. 1800 pounds [820 kg] (750-1000 KW)  
 Approx. 3600 pounds [1640 kg] (1500-2000 KW)  
 Approx. 6000 pounds [2725 kg] (2500-3000 KW)

**NOTE:** Unit is intended for outdoor installation and operation. Refer to instruction manual for important safety considerations.



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

All dimensions are in inches [millimeters].  
 Specifications subject to change without notice.  
 Printed in U.S.A. Rev. E

