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RESISTIVE LOAD BANK

200 to 500 KW

- Outdoor Installation
- Heavy Gauge Aluminized Steel Construction
- Built-in Forklift Channels
- Fully Supported Load Elements
- Needs No Cool Down Period
- Remote Operator Controls
- Easy Operation and Maintenance

MODEL K675A



QUALITY SYSTEM CERTIFIED TO
ISO 9001

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he Model K675A Load Bank is designed for permanent outdoor installation when 200 KW to 500 KW of load is required. The K675A series is designed and built to incorporate the latest state-of-the-art load bank features.

The K675A requires no cool down period after load is dropped. The contactors are housed in a thermostatically controlled heated enclosure for protection against condensation related problems.

The load bank contains resistive elements and a blower motor in a rigid structure of formed heavy gauge aluminized steel. Designed for outdoor installation, the load bank utilizes a fixed louver on the exhaust opening to protect the motor and resistive elements from the weather.

The K675A is available with ratings of 200 KW to 500 KW. The K675A is provided with single voltages of 208, or 480 and dual voltages of 240/480, with a load step resolution of either 5 KW, 20 KW, or 50 KW.

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

The Model K675A 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.

K675A AVAILABLE RATINGS

Rated KW	Rated Voltages (3 Phase, 60 Hertz)	Load Step Resolution
200	480, 240/480 VAC	5 or 50 KW
	208 VAC	5 or 20 KW
250	480 VAC	5 or 50 KW
	208 VAC	5 or 20 KW
300	480, 240/480 VAC	5 or 50 KW
	208 VAC	5 or 20 KW
400	480, 240/480 VAC	5 or 50 KW
500	480, 240/480 VAC	5 or 50 KW

Other voltages and KW ratings are available. Consult factory.

K675A SPECIFICATIONS

CONSTRUCTION: The load bank enclosure is constructed of heavy gauge aluminized steel. A fixed louver is provided on the exhaust opening. The permanent base has built-in forklift channels and is designed for outdoor mounting on floor, roof, or concrete pad. Contactors are protected in a thermostatically controlled heated enclosure.

RESISTOR ELEMENTS: The fully supported Helidyne™ resistive elements are designed by Avtron and manufactured of corrosion resistant chromium alloy wire.

CONTROL POWER: The unit requires control power of 120 volts, single phase, 60 Hz. (Control power transformer optional).

COOLING: The resistive elements are air cooled by a self-contained 2 or 5 HP blower. Blower HP varies with Load Bank maximum KW.

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 CONTROL POWER light, BLOWER ON-OFF push buttons with a BLOWER POWER light and AIR FAIL light, MASTER LOAD ON-OFF switch and individual load step ON-OFF toggle switches.

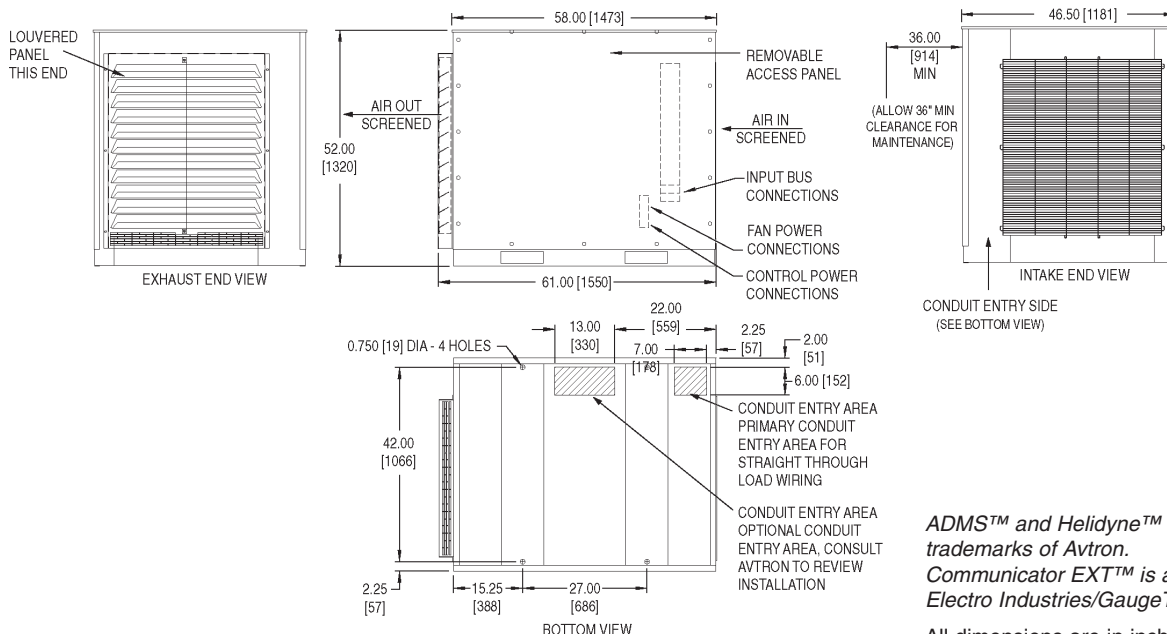
OPTIONAL DIGITAL METERING: Avtron Advanced Digital Monitoring System (ADMS)™ is available as an option for display of Volts, Amps, Frequency, and KW. ADMS™ also includes Communicator EXT™ Data Logging Software.

PROTECTION: The K675A features branch circuit fusing on all load steps and is equipped with an exhaust temperature sensor and differential air pressure switch. The switches are electrically interlocked to remove the load if the air flow is not sufficient to produce proper cooling.

WEIGHT: Approximately 1000 Pounds [450 kg]

OPTIONS:

- ADMS™ Digital Metering (V, A, KW, Hz) with Communicator EXT™ Data Logging Software
- Meter and Control Panel Enclosure
- Control Power Transformer
- Automatic Load Step Controller
- 1 KW Load Step Resolution
- Designs for International 50/60 Hertz Voltages or Custom DC Designs are also available



ADMS™ and Helidyne™ are trademarks 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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