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RESISTIVE LOAD BANK

15 TO 75 KW

MODEL K775



QUALITY SYSTEM CERTIFIED TO
ISO 9001

- Indoor/Outdoor Installation
- Built-in Forklift Channels
- Temperature Controlled, Watertight Contactor Enclosure
- Needs No Cool-Down Period
- 19" Remote Control Panel with Optional Enclosure
- Heavy Duty Construction

The Avtron Model K775 load bank is designed for permanent outdoor installation, providing 15 KW to 75 KW of load at 240 or 480 volts, 3-phase. Its four wire wye configuration allows for simplified single-phase testing applications. The K775 series is built using the latest, state-of-the-art load bank technologies to provide years of reliable operation.

The contactors are housed in a thermostatically controlled heated enclosure. This enclosure has a hinged, lockable door sealed with a rubber gasket for protection against moisture and other contaminants.

The load bank contains resistive elements and a blower motor in a rigid structure of formed heavy gauge steel. Designed for outdoor installation, the load bank is equipped with fixed louvers on the exhaust opening and a ground-facing inlet opening to protect the motor and resistive assemblies from the weather.

The heavy duty load elements used in the K775 are carefully engineered so they operate at half of their maximum temperature rating. This helps to maintain more stable loading, provides longer life and eliminates the need for a cool down period at the conclusion of load testing.

The Model K775 is a moderate load range unit, intended for testing 3-phase AC generators and other AC power sources.

Avtron maintains a well developed load bank product line that satisfies a wide range of applications.

For complete information in identifying the right load bank for your needs, or for support in defining custom designed units, please contact your Avtron sales representative at (216) 573-7600.

K775 LOAD CAPACITY RATINGS

Total Load KW	Voltage	Load Steps in KW
15	208, 240, 480	15
30	208, 240, 480	15, 15
45	208, 240, 480	15, 15, 15
60	208	5, 10, 15, 15, 15
60	240, 480	15, 15, 15, 15
75	208, 240, 480	15, 15, 15, 15, 15

K775 SPECIFICATIONS

CONSTRUCTION: Heavy gauge steel structure provides rigid enclosures. Hinged lockable doors with rubber gasketing protect contactors from the weather. Fixed louvers are provided on the inlet and exhaust openings. Permanent base is designed for mounting on the floor, roof, or cement pad. Built-in forklift channels are provided for simplified handling.

RESISTOR ELEMENTS: The resistive elements are designed by Avtron and manufactured of a corrosion resistant chromium alloy wire. They are arranged in a four-wire wye for easy single phase reconfiguration.

CONTROL POWER: The K775 requires control power of 120 volts, single phase, 60 Hz, 10 amperes. (Control transformer optional.)

COOLING: The resistive elements are air cooled by a self-contained 0.5 HP blower requiring 460 volts, 3-phase, 60 Hz, 1 ampere. No additional cooling period is required when load is removed from the elements. Optional voltages are available.

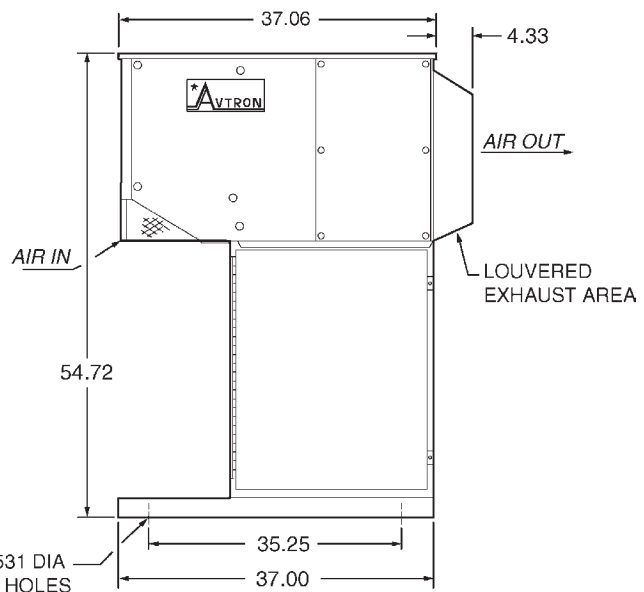
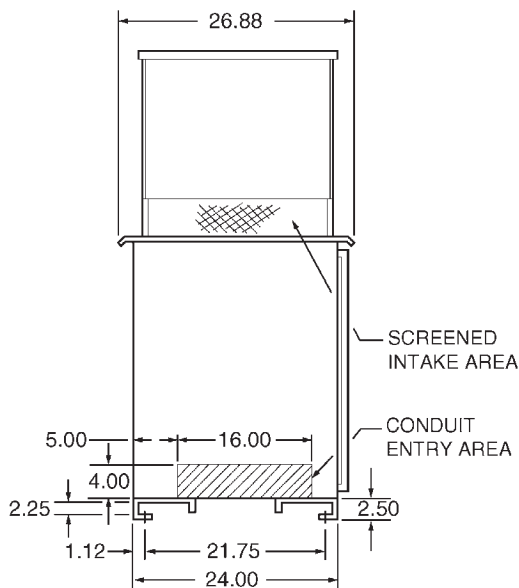
WEIGHT: Approximately 310 pounds.

CONTROLS: Contactors are protected in a thermostatically controlled heated enclosure. The 19" rack-mounted control panel designed for indoor use contains a POWER ON-OFF switch, POWER ON light, BLOWER ON-OFF switch, BLOWER FAILURE light, MASTER LOAD ON-OFF switch, and load step switches. Optional 12" x 24" x 6" enclosure is available.

PROTECTION: The K775 is equipped with a differential pressure air switch that is electrically interlocked to remove the load if the airflow is not sufficient to produce proper cooling.

OPTIONS:

- Digital Metering for KW, Volts, Amperes, Frequency, Power Factor, KVA and KVAR
- Meter and Control Panel Enclosure
- 208/230V 3-Phase Blowers
- 220V or 120V, Single Phase Blower
- Control Transformer
- Automatic Load Shedder



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