



The ASCO Model 2200 are resistive, DC load banks designed for operation indoors when up to 150 Amps of resistive load is required.

### LOAD BANK RATINGS

Standard capacity ratings of:

- 150 Amps

Standard load step resolution of 1Amp.

Select from standard direct current voltage ratings of:

- 12/24
- 26/52

Please consult factory for non-standard ratings.

### Cooling Fan Control

An external 120V, 1 Phase, 60 Hz supply is required for blower control circuit operation (model dependent).

### Cooling System

Approximately 400 CFM cooling is provided by integral cooling fans.

### Operator Controls

The standard load control for the 2200 is a manual local panel. Controls include: Power On/Off switch, Master Load On/Off switch, and Individual Load Step switches. Visual indicators include: Over-Temperature.

### Metering

Typical metering is analog volt and ammeter (model dependent).

### Construction

The 2200 is constructed using heavy gauge aluminized steel per ASTM A463. It is designed for continuous indoor operation. Carrying handle mounted to top of unit for lifting.

All exterior fasteners are stainless steel. The main input terminals, load step switches, and metering are located on the main enclosure.

### Finish

The 2200 has a high quality baked polyester powder coated finish with a film thickness of 2.8 +/- 0.4 mils per coat. The standard color is gray (ANSI 61).

### Two Year Warranty Included

The equipment is covered by an industry exclusive 24-month parts and labor warranty.

# Model 2200 Specifications

## Resistor Elements

ASCO load banks use helically wound chromium alloy Helidyne elements. Elements are supported by ceramic insulators on internal frame supports. These elements are designed to operate at approximately 1/2 of their maximum continuous wire rating.

Elements are positioned within the cooling airstream for optimal performance. Changes in resistance due to temperature are minimized by maintaining conservative watt densities.

The overall load tolerance of the 2200 load bank is -0, +5%. This ensures that advertised kW is delivered at rated voltage.

The elements are continuously rated at the specific voltage. Tests at lower voltages, with a corresponding reduction in overall rating, may be carried out.

## Safety Features

Over-temperature protection protects load bank when an overtemperature condition is detected.

## Ambient Temperature

The 2200 load bank is designed for continuous duty cycle with no limitations. The ambient temperatures range is -20°F to 120°F (-28°C to 50°C).

## Environment

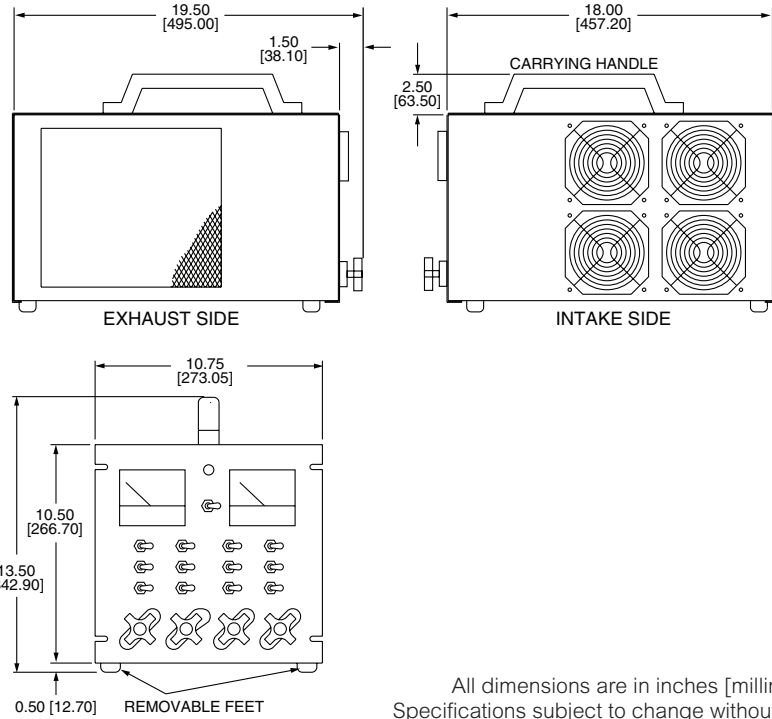
The 2200 is self-contained portable load bank designed for operation and storage indoors.

## Power Terminals

Input connections are twist-on terminals mounted on control panel. The terminals are identified as:

- 52 VDC+
- 28 VDC+
- Negative

Manual voltage reconfigurator is via twist on terminals.



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

## Documentation - Operating Manual

A comprehensive operator's manual is supplied electronically via a USB drive.

Sections include: Safety, Installation, Operation, Maintenance, and Troubleshooting.

## Testing and Standards

ASCO load banks comply with NEMA, NEC, and ANSI standards. Quality control system is certified to ISO9001 standards.

## Weight and Dimensions

Dimensions (approx. in/mm)			Weight (approx. lb/kg)
Length	Width	Height	
19.5/ 495	12.75/ 323.8	13.5/ 342.9	30/13.61