

# Type 1, Modular Enclosure

# 508A-77

## Features:

- Type 1, Electrical Enclosure
- Flexible, modular configurations
- UL Listed per Standard 508A
- Built to meet E.I.A. standards
- Heavy Duty, 100% MIG welded, 14-gauge CRS frames
- Fully adjustable, galvanized mounting rails
- 14 gauge doors, side panels, and top
- Large bottom opening for unobstructed conduit entry
- Black, scratch-resistant, textured, powder-coat finish

## Dimensions:

- 84-1/4" high, 23-3/8" wide, 25-1/2" deep
  - 30" & 36" deep also available (508A-7730 & 508A-7736)

## Application:

Secured State 508A-77 modular electrical enclosure design allows for configuration of infinitely sized enclosures to meet specific applications. Standard equipment rails with E.I.A. universal hole patterns greatly simplify equipment installation such as house audio, security, and computer equipment. UL 508A Listing allows for use in fabrication of UL listed Industrial Control Panels. (The 508A-77 is listed as a Type 1 power distribution and control equipment enclosure.)

Note: Most competitors' enclosures (racks) of this type are UL listed per UL 1678, "Household, Commercial, and Professional-Use Carts and Stands." They are intended to provide a surface for structural support of audio/video equipment. They are not rated for use as power distribution and control equipment enclosures.

## Description:

Frames are constructed from 14 gauge CRS-formed members that are meticulously MIG welded together for unparalleled strength and rigidity. Bottoms and tops are also formed and MIG welded from 14 gauge CRS. Additionally, bottoms have 14 gauge corner gussets with 1/2" mounting holes for additional stiffness and ease of installation. 14 gauge equipment rail supports are formed for strength and then welded to the frame, thereby providing an additional measure of rigidity. Additionally, rail supports use a unique "drop-in" rail nut design to allow installation of equipment mounting rails even with side panels in place.

Rails are 14 gauge CRS, galvanized and punched to accept 10-32 self-tapping screws. An E.I.A. universal hole pattern is used to allow various equipment configurations.

Each enclosure is provided with a standard black, textured, powder-coat finish. Other finishes and colors are available upon special request.



**Specifications subject to change without notice.**

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## Components:

- Top Panel – 508A-77-T
  - 19" Wide, 21" Deep (508A-7730-T is 26-1/2" deep, 508A-7736-T is 32-1/2" deep)
  - 14 gauge CRS, drop-in design, 4 mounting holes, threaded bonding stud
  - Black, textured, powder-coat finish
- Doors – 508A-77-D
  - 23-3/8" Wide, 79-1/2" Tall
  - 14 gauge CRS, reinforced, gasketed, louvers top and bottom, threaded bonding stud
  - Can be mounted for left or right hand swing
  - 3 point latching
  - Black, textured, powder-coat finish
- Door opening Cover - 508A-77-C
  - 14 gauge CRS, black, textured, powder-coat finish. Used when enclosure is mounted against wall.
- Side Panel – 508A-77-S
  - 21-1/2" Wide, 77-1/2" Tall (508A-7730-S is 26" wide, 508A-7736-S is 30" wide)
  - 14 gauge CRS, "drop-in and tilt up" design, threaded bonding stud
  - 6 point latching system
  - Black, textured, powder-coat finish
- Louver Barriers
  - 1" Deep – 508A-LB-100
  - 2-1/2" Deep - 508A-LB-250
  - Required when louvers are within 12" of a possible source of arcing such as a fuse, contactor, overload relay, etc.
  - 16 gauge CRS
  - Black, textured, powder-coat finish
- Steel Blank Panels
 

<u>Rack Unit</u>	<u>Vertical Space</u>	<u>Part #</u>
1	1-3/4"	BP-19-175
2	3-1/2"	BP-19-350
3	5-1/4"	BP-19-525
4	7"	BP-19-700
5	8-3/4"	BP-19-875
6	10-1/2"	BP-19-1050

  - 16 gauge CRS
  - Black, smooth, powder-coat finish

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