

NEMA Cabinets

Oriux has a full line of standard NEMA cabinets available. With interior customizable design to fit your traffic configuration needs. Our enclosures provide a protective, safe environment against rain, sleet, snow, dripping water, corrosion, hose down, splashed water, oil, coolant. These cabinets are designed to offer unparalleled protection no matter the conditions. It can fit power panels, field service terminal blocks, police panel switches, a variety of NEMA controllers and master controllers, conflict monitors, modems, load switches, flashers, transfer relays, detector racks, power supplies, video detection equipment, surge protection equipment, and power backup systems. Basically, tell us what you need, and we will tailor the cabinet to fit your requirements This is what Oriux has been doing for decades.

Features & Benefits

- 1/8" thick aluminum type 5052-H32, providing a strong and rigid construction.
- UL approved enclosures (when required).
- Four "C" mounting channels on the side and rear walls, allowing versatile positioning of shelves and panels.
- Completely double flanged door frame.
- Provision for mounting forced air fan system, with a screened air exhaust opening under the roof overhang
- Stainless steel external hardware.
- Internal hardware is either stainless steel or cadmium plated, type II, Class I or equal.
- Main door has stainless steel piano hinge, secured with stainless steel carriage bolts with nylock nuts.
- Main door lock is Corbin #1548-1 or equal.
- Doors sealed with closed cell neoprene gaskets.
- Fluorescent or incandescent light fixture.
- Ground fault interrupt 115 VAC receptacle.
- Thermostat and fan assembly.
- Up to 16 position, swing down aluminum load bay with silk screened labeling on front and rear of panel.
- Heavy duty terminal blocks.
- Engineered precisely to agency specification.



| Enclosure Type | Dimensions | | | Door Opening | | Pad Mounting Pattern | |
|----------------|------------|-----|---------|--------------|---------|----------------------|---------|
| | H | W | D | H | W | W | D |
| M | 50" | 30" | 16 1/2" | 39 7/8" | 27 3/4" | 26 1/2" | 13" |
| M36 | 50" | 36" | 16 1/2" | 39 7/8" | 33 1/4" | 32 1/2" | 13" |
| MSX | 60" | 30" | 16 1/2" | 49 7/8" | 27 3/4" | 26 1/2" | 13" |
| MSX36 | 60" | 36" | 16 1/2" | 49 7/8" | 33 1/4" | 32 1/2" | 13" |
| P40 | 59" | 40" | 26" | 49" | 37 3/4" | 30" | 18" |
| P44 | 59" | 44" | 26" | 49" | 41 3/4" | 40 5/8" | 18 1/2" |
| R40 | 75 1/2" | 40" | 26" | 65 1/2" | 37 3/4" | 30" | 18" |
| R44 | 75 1/2" | 44" | 26" | 65 1/2" | 41 3/4" | 40 4/8" | 18.5" |

Note: Other sizes available upon request

Options

- Material options: 14 gauge stainless steel, 5052 alloy aluminum
- Shelving options
- Panels
- Optional Rack frame assembly
- Caltrans style stainless steel butt door hinges
- Finish options: stainless, powder coating in a variety of colors, anti-graffiti finishes, or mill finish
- Variety of lock and keying options to the output file.



Equipment Options

You can select the equipment that will be used to populate your cabinet, if you choose to have us do so, with these types of equipment:

- Lights, fans, thermostats, air filters, & door switches
- Controllers and master controllers
- Conflict monitors
- Detectors and detector racks
- Load bays
- Police
- Power panels
- Maintenance panels
- Load switches, flashers, transfer relays
- Power backup systems