

# 332E Controller Cabinet

Enhanced Safety Features  
Environmentally Friendly  
Energy Efficient



*Shown with optional lighting*

## Cabinets

Controllers

Signals

Signs

Software

Specialty

## Overview

McCain's 332E Controller Cabinet is an enhanced version of the 332 industry standard cabinet that improves safety, is eco-friendly, and energy efficient. The cabinet's innovative features increase roadside safety in the event of a malfunction or failure. The 332E's green design reduces energy consumption through the use of a power-saving, high-efficiency power supply and eliminates the use of the harmful toxin mercury.

## Benefits

- Innovative design features enhance roadside safety
- Eco-friendly design eliminates mercury from cabinet
- Power-saving, high-efficiency power supply saves the environment and your bottom line
- Standard assemblies assure interchangeability between manufacturers
- Removable hex handles and three-point latching system increase cabinet security
- Anti-graffiti coating eases the process of removing unwanted markings from cabinet surfaces

## Product Description

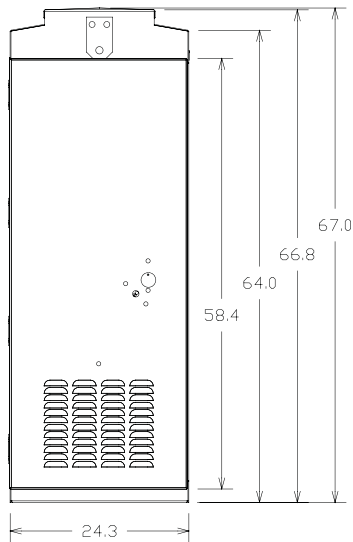
The McCain 332E Controller Cabinet meets and exceeds industry standard specifications for the 332 controller. The cabinet's innovative design includes enhanced safety features, environmentally friendly mercury-free construction, and an energy efficient power supply.

McCain's 332E cabinet increases intersection safety through redundant wiring for broad fault coverage. To minimize human error during maintenance, the cabinet will not operate when the door is open and the Signal Monitor has been removed. To prevent the intersection from displaying conflicting signals during a fault mode, the 24 VDC power control cuts power to the load switches.

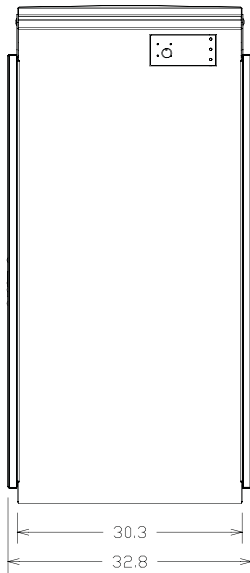
The cabinet's high-efficiency power supply saves an average of 267kWh of electricity per cabinet, per year (based on a 50% load). This green cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint.

# 332E Controller Cabinet

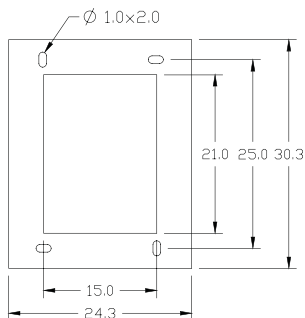
Front



Side



Base



Dimensions rounded to the nearest 0.1"

## Standard Features

- 8-phase, 4-pedestrian operation (2 right turn overlaps available)
- 36 detector channel capability (3 per left turn, 6 per through movement)
- 2-channel or 4-channel industry standard detection modules
- Input panel with termination blocks
- Railroad preemption inputs (2)
- Emergency vehicle preemption inputs (4)
- Programmable "Yellow/Red" or "All Red" flashes through the use of flash plugs
- DC isolation inputs for pedestrian push buttons and special functions
- 2018/2010/210 Signal Monitor slot

## Assemblies

- 14-position input files (2)
- 12-position output file
- Power-saving, high-efficiency power supply (saves an average of 267kWH of electricity per cabinet, per year, based on a 50% load)
- Power Distribution Assembly (PDA)
- Flash transfer relay sockets (4)
- Dual-circuit flasher sockets (2)
- Input panel
- Service panel
- Police panel with signal "On/Off" and "Auto/Flash" switches

## General Specifications

Dimensions:	67" H x 24" W x 30" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finish:	Anti-graffiti powder coat in standard colors (custom colors, natural finish, and anodized are also available)
Access:	Front door (1), back door (1), both full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	5/8" removable aluminum hex
Door Stops:	90° (±10°), each door, top 90° and 180° (±10°), each door, bottom
Rack Assembly:	Removable 19" EIA rack
Ventilation:	Thermostatically controlled 100 CFM fan Louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight:	265 lbs without plug-ins or controller(s)

## Options

- 3/4" x 16" anchor bolts for mounting (4)
- 6-position auxiliary output file
- 18-channel CMU
- LED light rope(s)
- Fluorescent light(s)
- Sunshields
- Drawer assembly(s)

2365 OAK RIDGE WAY // VISTA, CALIFORNIA 92081 // USA // WWW.MCCAIN-INC.COM

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To learn more about McCain's Integrated Traffic Solutions, please contact [info@mccain-inc.com](mailto:info@mccain-inc.com) or call (760) 727-8100

