

336L Controller Cabinet



Base-mounted version shown

Cabinets

Controllers

Signals

Signs

Software

Specialty

Overview

McCain's 336L Controller Cabinet is a versatile, compact, and rugged cabinet that can be either base, pedestal or pole mounted. This cabinet meets all Caltrans and Federal Highway Administration (FHWA) requirements. Convenient access to all interior assemblies and field terminations is available through two access doors, one front and one back. The cabinet is compatible with 170 or 2070 controllers and comes equipped with a 19-inch Electronics Industry Alliance (EIA) rack. The 336L cabinet shares many of the features of larger cabinets but with the added benefit of its small and compact design. The 336L'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

- Compact size and versatile standard features promote maximum flexibility for intersection planning
- Energy saving switching power supply
- Environmentally safe solid state relay replaces mercury contactor
- Standard assemblies assure interchangeability between manufacturers
- Variety of mounting positions increases flexibility and options for intersection design

Product Description

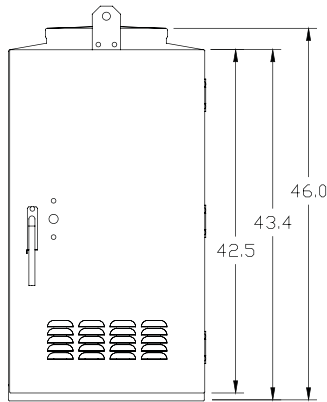
The McCain 336L Controller Cabinet provides a unique advantage over its larger counterparts through its compact and versatile design. This cabinet can house all of the equipment necessary to control an eight phase, four pedestrian operation with two overlaps while still offering flexible mounting options.

Its 12 loadswitch positions can all be programmed ("Yellow/Red", "All Red", or "No Flash") and a police panel comes standard with "On/Off" and "Auto/Flash" switches. This cabinet also features two railroad and four emergency vehicle preemption inputs, provides 16 detector channels (one per left turn, three per through movement), and is compatible with two-channel or four-channel detectors.

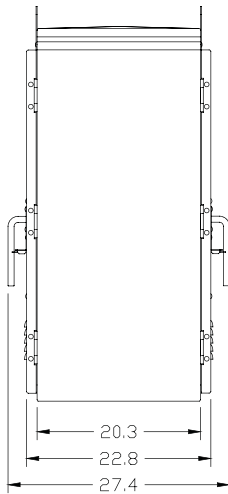
The cabinet's high-efficiency power supply saves an average of 267kWh of electricity per cabinet, per year (based on a 50% load). This green cabinet reduces energy consumption thereby saving money and minimizing your carbon footprint.

336L Controller Cabinet

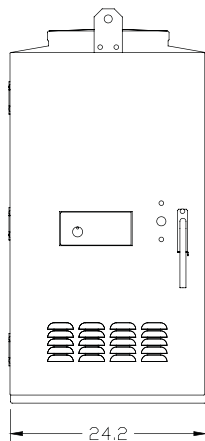
Front



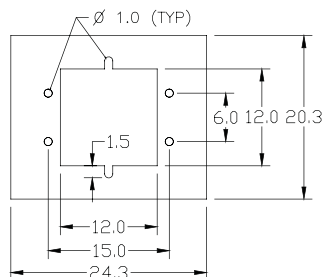
Side



Back



Base



Dimensions rounded to the nearest 0.1"

Standard Features

- 8-phase, 4-pedestrian operation (2 overlaps)
- 16 detector channels (1 per left turn, 3 per through movement)
- 2-channel or 4-channel industry standard detection modules
- Railroad preemption inputs, AC isolation (2)
- Emergency vehicle preemption inputs (4)
- Solid state relay (SSR) (Mercury Contactor replacement)
- SSR Fault Indicator Light
- Relay safety feature interrupts 24 VDC control to the load switches if the SSR fails during a flash condition
- Programmable "Yellow/Red", "All Red" or "No Flash" through the use of flash plugs
- DC isolation inputs for pedestrian push buttons and special functions
- 210 Signal Monitor slot
- Main power circuit breaker (30A) on service panel
- Transient voltage & surge suppression filter

Assemblies

- 14-position input file
- 12-position output file
- Model PDA-2L Power Distribution Assembly
- Model 206L power-saving, high-efficiency power supply
- Flash transfer relay sockets (4)
- Dual-circuit flasher positions (2)
- Input panel
- Service panel
- Police panel with signal "On/Off" and "Auto/Flash" switches

General Specifications

Dimensions:	46" H x 24" W x 20" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	Natural, powder coat (standard, anti-graffiti, and custom colors), anodized
Access:	Front door (1), back door (1), both full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	3/4" round, stainless steel, with padlock feature
Door Stops:	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, pedestal, or side of pole mounting
Shipping Weight:	265 lbs without plug-ins or controller(s)

Options

- Mounting equipment: anchor bolts for base mounting (4), brackets for side pole mounting, and hardware for pedestal mounting
- Auxiliary output file

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



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