

P44 ATC Cabinet

Cabinets

Controllers

Signals

Signs

Software

Specialty



Overview

The P ATC Cabinet is part of McCain's revolutionary ATC cabinet series which are built to comply with the new ATC Standard 5301 V02, the first standard released in over 10 years, making them one of the safest and most efficient cabinets on the market today. These innovative cabinets combine the best of shelf mount and serial-based designs to meet the needs of today's LED intersections. Using smarter, high-density components, ATC cabinets offer unparalleled control capabilities for intersections that would otherwise require unorthodox wiring or even a second cabinet. Users rave about the drastically reduced assembly size that allows for maximum functionality while providing room for auxiliary equipment. With the most sold in the industry, our proven ATC Cabinets meet the needs of today's smart cities and are ready for tomorrow's challenges, including the future of connected and autonomous vehicles.

Benefits

- Safeguard against accidental shock from inadvertent contact with high voltages
- Detect a dark approach for increased driver safety
- Monitor FTR and flasher continuously to ensure operability
- Allow for hot swappable output assembly for improved intersection safety
- Connected vehicle ready
- Built to comply with ATC Standard 5301 V02

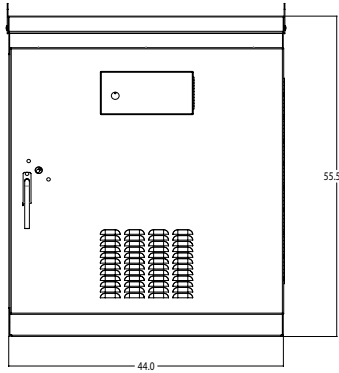
Product Description

The McCain P ATC Cabinet's modern design and advanced safety features complement the operational capabilities of ATC controllers and aim to protect agency, personnel, and public interests. These unrivaled benefits include load current monitoring to detect a dark approach and no exposed AC power to reduce accidental contact with high voltages, and the ability to keep the intersection in flash while replacing the output assembly.

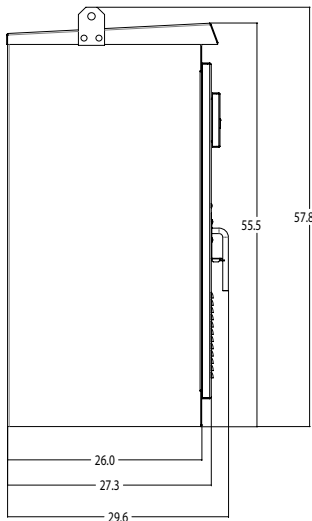
Each P44 ATC Cabinet comes configured to meet individual needs using one or more input and output assemblies to provide the necessary phasing, overlaps, and channels. The cabinet can manage up to 120 detector inputs and 32-channel outputs without any complex wiring.

P44 ATC Cabinet

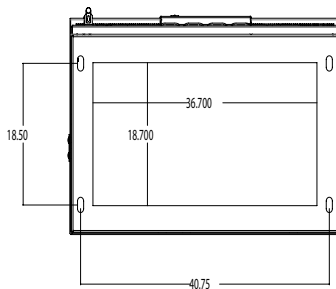
Front



Side



Base



Dimensions rounded to the nearest 0.1"

Standard Features

- Field output termination assembly provides removable contact blocks for easy connections to field signal wires, sockets for flash transfer relays (FTRs), and flash program blocks (FPBs) for output channels
- All channels are flashable and programmable
- FPBs control and select the color (red, yellow, or dark) during flash
- Hermetically sealed high-density FTR features an LED indicator to visually confirm relay is operational and contacts have transferred
- Interior LED cabinet light (1)
- Model 2202 dual flasher/switch pack combination
- Exterior is continuously welded

Assemblies & Components

- 24 or 48-channel input assembly
- 2 or 4-channel industry standard detection modules
- Uses industry standard input components (i.e. loop amplifiers, PPB, EVP, etc.)
- 16 or 32-channel output assembly
- 32-channel CMU
- CMU auxiliary display unit
- Model PS-2216-24 cabinet power supply
- DC power / communication panel assembly
- Clean AC power panel assembly
- Police panel with On/Off, MCE, Auto/Flash, and Interval Advance push button cable
- Slide-out drawer for storing programming blocks, plans, etc.
- Fan panel assemblies

General Specifications

Dimensions:	56" H x 44"W x 26" D (rounded to the nearest inch)
Material:	5052-H32 aluminum, 0.125" thick
Finishes:	Natural, anodized, or powder coated
Access:	Front door (1), full size
Latching System:	3-point, choice of Corbin or Best locks
Handles:	3/4" round, stainless steel with padlock hasp
Door Stops:	90°, 135°, 155° (±10°), bottom
Ventilation:	Thermostatically controlled 200 CFM fans Louvered air intake in door, pleated filter
Mounting:	Base mounted
Shipping Weight:	285 lbs without plug-ins or controller

Options

- ATC Cabinet Test Display
- 3/4" x 16" anchor bolts for mounting (4)

To learn more about
McCain's Integrated Traffic
Solutions, please visit
mccain-inc.com.



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