

SWARCO

# McCain P44 ATC CABINET



McCain P44 ATC 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, the cabinets offer unparalleled control capabilities for intersections that would otherwise require unorthodox wiring or a second cabinet. Users rave about the drastically reduced assembly size leaving ample 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.



## KEY 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
- Connected vehicle ready
- Built to comply with ATC Standard 5301 V02
- Upgrade existing installations - matches NEMA P cabinet footprints

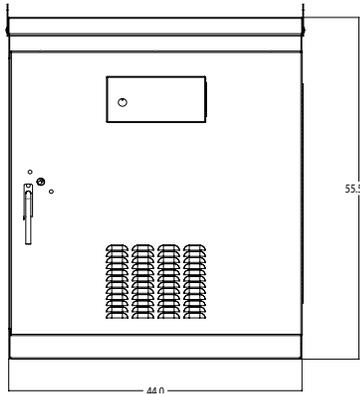
## PRODUCT DESCRIPTION

The McCain P44 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.

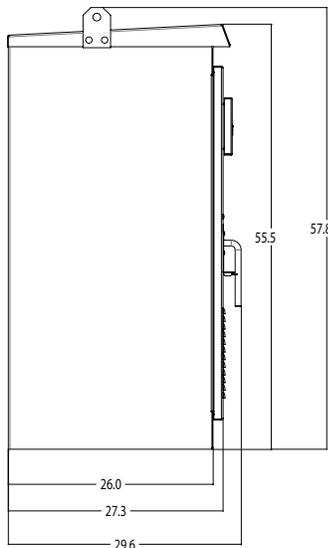
Each P44 ATC Cabinet comes configured to meet individual needs using one or more input and output assemblies to provide the necessary phasing, overlaps, and channels. This cabinet can manage up to 120 detector inputs and 32-channel outputs without any complex wiring.

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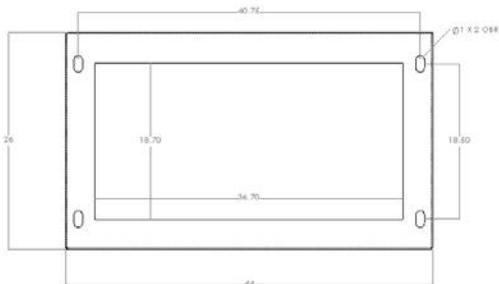
FRONT



SIDE



BOTTOM



## 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
- Model 2202 dual flasher/switch pack combination
- Exterior is continuously welded

## ASSEMBLIES AND 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 assembly

## GENERAL SPECIFICATIONS

|                                |   |
|--------------------------------|---|
| Dimensions <sup>1</sup> :      | 44"W x 56"H x 26"D  |
| Material:                      | 5052-H32 aluminum, 0.125" thick   |
| Finishes:                      | Natural, anodized, or powder coated   |
| Door:                          | 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 <sup>2</sup> : | 285 lbs   |

## OPTIONS

- 3/4" x 16" anchor bolts for mounting (4)
- Cabinet Test Display
- Fiber Optic Termination Panel
- Input File Test Card
- Garmin GPS Communication Panel
- ATC CyberCabinet
- ATC Cabinet Input Test Panel
- ATC Cabinet Alarm Panel

<sup>1</sup>Dimensions rounded to the nearest inch

<sup>2</sup>Without plug-ins or controller(s)